

Experts in Bearing Solutions



Bearings General Catalog

Catálogo General

SUM MA RY



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Fersa's new catalog, summary of our general 2013 catalog, has the complete information of all the bearings products currently featured in our product line, including new bearings series such as wheel kits and bearings for heavy vehicles.

Thanks to the effort of our R&D department and to the collaboration of our costumers all over the world, we have been able to increase our number of references providing better service to our customers and distributors in the five continents.

For easier use, the last section of the catalog contains crossed references with the main bearings manufacturers.

We hope that this information will be of service and interest to all our customers.

Fersa Bearings,

Con este nuevo catálogo, resumen de nuestro catálogo general 2013, Fersa les facilita una completa información sobre todos los rodamientos que actualmente tenemos en nuestra gama y que incluye nuevas familias de rodamientos como los kits de rueda y los rodamientos para vehículo industrial.

Gracias al esfuerzo de nuestro departamento de I+D y a la estrecha colaboración con nuestros clientes hemos conseguido incrementar el número de referencias para dar el mejor servicio posible a nuestros clientes y distribuidores en los cinco continentes.

La parte final contiene una lista de referencias cruzadas con los principales fabricantes de rodamientos para facilitar su uso.

Esperamos que esta información sea de su interés.

Fersa Bearings,

Symbols & Nomenclatures

Símbolos y Nomenclaturas

Nomenclatures / Nomenclaturas		
Z	Shield at one side	Tapa en una cara
ZZ	Rubbing at both sides	Tapas en las dos caras
RS	Rubbing seal at one side	Tapa retén en una cara
2RS	Rubbing seals at both sides	Tapa retén en las dos caras
M	Machined brass cage	Jaula de latón
N	Snap ring groove in outer ring	Ranura y anillo elástico en aro exterior
NR	Snap ring groove and snap ring in outer ring	Ranura y anillo elástico y arandela de seguridad en aro exterior
C3	Internal clearance greater than normal	Juego radial mayor que el normal
Symbols / Símbolos		
N	New reference	Nueva referencia
A	Active ABS	ABS activo
P	Passive ABS	ABS pasivo

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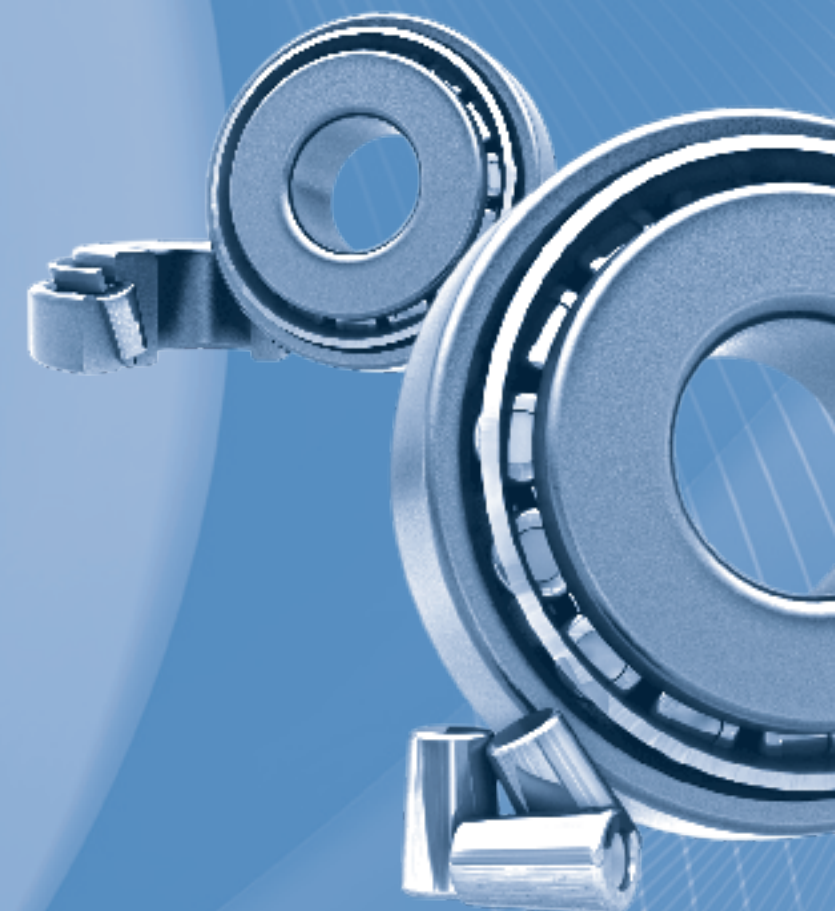
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01

Single row tapered roller bearing

Rodamientos de rodillos cónicos

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REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
SERIE 302						
30202 F	15,000	0,591	35,000	1,378	11,750	0,463
30203 F	17,000	0,669	40,000	1,575	13,250	0,522
30204 F	20,000	0,787	47,000	1,850	15,250	0,600
30205 F	25,000	0,984	52,000	2,047	16,250	0,640
30205 FR	25,000	0,984	52,000	2,047	16,250	0,640
30206 F	30,000	1,181	62,000	2,441	17,250	0,679
30207 F	35,000	1,378	72,000	2,835	18,250	0,719
30207/37 F	37,000	1,457	72,000	2,835	18,250	0,719
30207/80 F	35,000	1,378	80,000	3,150	18,250	0,719
30208 F	40,000	1,575	80,000	3,150	19,750	0,778
30209 F	45,000	1,772	85,000	3,346	20,750	0,817
30210 F	50,000	1,969	90,000	3,543	21,750	0,856
30211 F	55,000	2,165	100,000	3,937	22,750	0,896
30212 F	60,000	2,362	110,000	4,331	23,750	0,935
30213 F	65,000	2,559	120,000	4,724	24,750	0,974
30214 F	70,000	2,756	125,000	4,921	26,250	1,033
30215 F	75,000	2,953	130,000	5,118	27,250	1,073
30216 F	80,000	3,150	140,000	5,512	28,250	1,112
30217 F	85,000	3,346	150,000	5,906	30,500	1,201
30218 F	90,000	3,543	160,000	6,299	32,500	1,280
30219 F	95,000	3,740	170,000	6,693	34,500	1,358
30220 F	100,000	3,937	180,000	7,087	37,000	1,457
30221 F	105,000	4,134	190,000	7,480	39,000	1,535
30222 F	110,000	4,331	200,000	7,874	41,000	1,614
N 30224 F	120,000	4,724	215,000	8,465	43,500	1,713
N 30226 F	130,000	5,118	230,000	9,055	43,750	1,722
SERIE 303						
303/28 F	28,000	1,102	68,000	2,677	19,750	0,778
30302 F	15,000	0,591	42,000	1,654	14,250	0,561
30303 F	17,000	0,669	47,000	1,850	15,250	0,600
30304 F	20,000	0,787	52,000	2,047	16,250	0,640
30305 F	25,000	0,984	62,000	2,441	18,250	0,719

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
30306 F	30,000	1,181	72,000	2,835	20,750	0,817
30307 F	35,000	1,378	80,000	3,150	22,750	0,896
30308 F	40,000	1,575	90,000	3,543	25,250	0,994
30309 F	45,000	1,772	100,000	3,937	27,250	1,073
30310 F	50,000	1,969	110,000	4,331	29,250	1,152
30311 F	55,000	2,165	120,000	4,724	31,500	1,240
30312 F	60,000	2,362	130,000	5,118	33,500	1,319
30313 F	65,000	2,559	140,000	5,512	36,000	1,417
30314 F	70,000	2,756	150,000	5,906	38,000	1,496
30315 F	75,000	2,953	160,000	6,299	40,000	1,575
30316 F	80,000	3,150	170,000	6,693	42,500	1,673

SERIE 313						
31303 F	17,000	0,669	47,000	1,850	15,250	0,600
31305 F	25,000	0,984	62,000	2,441	18,250	0,719
31306 F	30,000	1,181	72,000	2,835	20,750	0,817
31307 F	35,000	1,378	80,000	3,150	22,750	0,896
31308 F	40,000	1,575	90,000	3,543	25,250	0,994
31309 F	45,000	1,772	100,000	3,937	27,250	1,073
31310 F	50,000	1,969	110,000	4,331	29,250	1,152
31311 F	55,000	2,165	120,000	4,724	31,500	1,240
31312 F	60,000	2,362	130,000	5,118	33,500	1,319
31313 F	65,000	2,559	140,000	5,512	36,000	1,417
31314 F	70,000	2,756	150,000	5,906	38,000	1,496
31315 F	75,000	2,953	160,000	6,299	40,000	1,575
31318 F	90,000	3,543	190,000	7,480	46,500	1,831

SERIE 320						
320/22 XF	22,000	0,866	44,000	1,732	15,000	0,591
320/28 XF	28,000	1,102	52,000	2,047	16,000	0,630
320/32 XF	32,000	1,260	58,000	2,283	17,000	0,669
320/32 XR	32,000	1,260	58,000	2,283	17,000	0,669
32004 XF	20,000	0,787	42,000	1,654	15,000	0,591
32004 XR	20,000	0,787	42,000	1,654	15,000	0,591



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
32005 XF	25,000	0,984	47,000	1,850	15,000	0,591
32005 XR	25,000	0,984	47,000	1,850	15,000	0,591
32006 XF	30,000	1,181	55,000	2,165	17,000	0,669
32007 X 30/32007 XF	30,000	1,181	62,000	2,441	18,000	0,709
32007 X 34/32007 XF	34,000	1,339	62,000	2,441	18,000	0,709
32007 XF	35,000	1,378	62,000	2,441	18,000	0,709
32007 XR	35,000	1,378	62,000	2,441	18,000	0,709
32008 XF	40,000	1,575	68,000	2,677	19,000	0,748
32009 XF	45,000	1,772	75,000	2,953	20,000	0,787
32010 XF	50,000	1,969	80,000	3,150	20,000	0,787
32010 XR	50,000	1,969	80,000	3,150	20,000	0,787
32011 X 57,5/32011 XF	57,500	2,264	90,000	3,543	23,000	0,906
32011 XF	55,000	2,165	90,000	3,543	23,000	0,906
32012 XF	60,000	2,362	95,000	3,740	23,000	0,906
32013 XF	65,000	2,559	100,000	3,937	23,000	0,906
32014 XF	70,000	2,756	110,000	4,331	25,000	0,984
32015 XF	75,000	2,953	115,000	4,528	25,000	0,984
32016 XF	80,000	3,150	125,000	4,921	29,000	1,142
32017 XF	85,000	3,346	130,000	5,118	29,000	1,142
32018 XF	90,000	3,543	140,000	5,512	32,000	1,260
32019 XF	95,000	3,740	145,000	5,709	32,000	1,260
32020 XF	100,000	3,937	150,000	5,906	32,000	1,260
32021 XF	105,000	4,134	160,000	6,299	35,000	1,378
32022 XF	110,000	4,331	170,000	6,693	38,000	1,496
32024 XF	120,000	4,724	180,000	7,087	38,000	1,496

SERIE 322

32204 F	20,000	0,787	47,000	1,850	19,250	0,758
32204 FR	20,000	0,787	47,000	1,850	19,250	0,758
32205 BF	25,000	0,984	52,000	2,047	19,250	0,758
32205 F	25,000	0,984	52,000	2,047	19,250	0,758
32206 F	30,000	1,181	62,000	2,441	21,250	0,837
32207 F	35,000	1,378	72,000	2,835	24,250	0,955
32208 F	40,000	1,575	80,000	3,150	24,750	0,974

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
32209 F	45,000	1,772	85,000	3,346	24,750	0,974
32210/45	45,000	1,772	90,000	3,543	24,750	0,974
32210 F	50,000	1,969	90,000	3,543	24,750	0,974
32211 F	55,000	2,165	100,000	3,937	26,750	1,053
32212 F	60,000	2,362	110,000	4,331	29,750	1,171
32213 F	65,000	2,559	120,000	4,724	32,750	1,289
32214 F	70,000	2,756	125,000	4,921	33,250	1,309
32215 F	75,000	2,953	130,000	5,118	33,250	1,309
XUA 32215/Y32215	75,000	2,953	130,000	5,118	47,250	1,860
32216 F	80,000	3,150	140,000	5,512	35,250	1,388
32217 F	85,000	3,346	150,000	5,906	38,500	1,516
32218 F	90,000	3,543	160,000	6,299	42,500	1,673
32219 F	95,000	3,740	170,000	6,693	45,500	1,791
32220 F	100,000	3,937	180,000	7,087	49,000	1,929
32220 FR	100,000	3,937	180,000	7,087	49,000	1,929
32221 F	105,000	4,134	190,000	7,480	53,000	2,087
32222 F	110,000	4,331	200,000	7,874	56,000	2,205

SERIE 323

323/38 F	38,000	1,496	90,000	3,543	35,250	1,388
32303 F	17,000	0,669	47,000	1,850	20,250	0,797
32304 F	20,000	0,787	52,000	2,047	22,250	0,876
32305 F	25,000	0,984	62,000	2,441	25,250	0,994
32306 BF	30,000	1,181	72,000	2,835	28,750	1,132
32306 C	30,000	1,181	72,000	2,835	28,750	1,132
32306 F	30,000	1,181	72,000	2,835	28,750	1,132
32307 F	35,000	1,378	80,000	3,150	32,750	1,289
32308 BF	40,000	1,575	90,000	3,543	35,250	1,388
32308 C	40,000	1,575	90,000	3,543	35,250	1,388
32308 F	40,000	1,575	90,000	3,543	35,250	1,388
32309 BF	45,000	1,772	100,000	3,937	38,250	1,506
32309 F	45,000	1,772	100,000	3,937	38,250	1,506
32310/55	55,000	2,165	110,000	4,331	42,250	1,663
32310 F	50,000	1,969	110,000	4,331	42,250	1,663



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
32311 F	55,000	2,165	120,000	4,724	45,500	1,791
32312 BF	60,000	2,362	130,000	5,118	48,500	1,909
32312 F	60,000	2,362	130,000	5,118	48,500	1,909
32313 BF	65,000	2,559	140,000	5,512	51,000	2,008
32313 F	65,000	2,559	140,000	5,512	51,000	2,008
32314 BF	70,000	2,756	150,000	5,906	54,000	2,126
32314 F	70,000	2,756	150,000	5,906	54,000	2,126
32315 F	75,000	2,953	160,000	6,299	58,000	2,283
32316 F	80,000	3,150	170,000	6,693	61,500	2,421
32317 F	85,000	3,346	180,000	7,087	63,500	2,500

SERIE 329

32911 F	55,000	2,165	80,000	3,150	17,000	0,669
N 32924 F	120,000	4,724	165,000	6,496	29,000	1,142

SERIE 330

33006 F	30,000	1,181	55,000	2,165	20,000	0,787
33007 F	35,000	1,378	62,000	2,441	21,000	0,827
33008 F	40,000	1,575	68,000	2,677	22,000	0,866
33009 F	45,000	1,772	75,000	2,953	24,000	0,945
33010 F	50,000	1,969	80,000	3,150	24,000	0,945
33011 F	55,000	2,165	90,000	3,543	27,000	1,063
33012 F	60,000	2,362	95,000	3,740	27,000	1,063
33013 F	65,000	2,559	100,000	3,937	27,000	1,063
33014 F	70,000	2,756	110,000	4,331	31,000	1,220
33015 F	75,000	2,953	115,000	4,528	31,000	1,220
33016 F	80,000	3,150	125,000	4,921	36,000	1,417
33017 F	85,000	3,346	130,000	5,118	36,000	1,417
33018 F	90,000	3,543	140,000	5,512	39,000	1,535
33019 F	95,000	3,740	145,000	5,709	39,000	1,535
33020 F	100,000	3,937	150,000	5,906	39,000	1,535
33020 F 561694	100,000	3,937	150,000	5,906	39,000	1,535
33021 F	105,000	4,134	160,000	6,299	43,000	1,693
33021 F 0266488	105,000	4,134	160,000	6,299	43,000	1,693
33022 F	110,000	4,331	170,000	6,693	47,000	1,850

N New reference / Nueva referencia

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
33024 F	120,000	4,724	180,000	7,087	48,000	1,890

SERIE 331

33108 F	40,000	1,575	75,000	2,953	26,000	1,024
33109 F	45,000	1,772	80,000	3,150	26,000	1,024
33110 F	50,000	1,969	85,000	3,346	26,000	1,024
33111 F	55,000	2,165	95,000	3,740	30,000	1,181
33112 F	60,000	2,362	100,000	3,937	30,000	1,181
33113 F	65,000	2,559	110,000	4,331	34,000	1,339
33114 F	70,000	2,756	120,000	4,724	37,000	1,457
33115 F	75,000	2,953	125,000	4,921	37,000	1,457
33116 F	80,000	3,150	130,000	5,118	37,000	1,457
33117 F	85,000	3,346	140,000	5,512	41,000	1,614
33118 F	90,000	3,543	150,000	5,906	45,000	1,772
33119 F	95,000	3,740	160,000	6,299	49,000	1,929
33120 F	100,000	3,937	165,000	6,496	52,000	2,047

SERIE 332

332/32 F	32,000	1,260	65,000	2,559	26,000	1,024
33205 F	25,000	0,984	52,000	2,047	22,000	0,866
33206 F	30,000	1,181	62,000	2,441	25,000	0,984
33207 F	35,000	1,378	72,000	2,835	28,000	1,102
33208 F	40,000	1,575	80,000	3,150	32,000	1,260
33209 F	45,000	1,772	85,000	3,346	32,000	1,260
33210 F	50,000	1,969	90,000	3,543	32,000	1,260
33211 F	55,000	2,165	100,000	3,937	35,000	1,378
33212 F	60,000	2,362	110,000	4,331	38,000	1,496
33213 F	65,000	2,559	120,000	4,724	41,000	1,614
33214 F	70,000	2,756	125,000	4,921	41,000	1,614
33215 F	75,000	2,953	130,000	5,118	41,000	1,614
33216 F	80,000	3,150	140,000	5,512	46,000	1,811
N 33216 F 573810	80,000	3,150	140,000	5,512	46,000	1,811
33217 F	85,000	3,346	150,000	5,906	49,000	1,929
33218 F	90,000	3,543	160,000	6,299	55,000	2,165
33220 F	100,000	3,937	180,000	7,087	63,000	2,480

N New reference / Nueva referencia



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
02474/02420	28,575	1,125	68,262	2,687	22,225	0,875
02475/02420	31,750	1,250	68,262	2,687	22,225	0,875
02872/02820	28,575	1,125	73,025	2,875	22,225	0,875
05066/05185	16,993	0,669	47,000	1,850	14,382	0,566
07087/07204	22,225	0,875	51,994	2,047	15,011	0,591
07087/07210 X	22,225	0,875	50,800	2,000	15,011	0,591
07087 X/07204	22,225	0,875	51,994	2,047	15,011	0,591
07087 X/07210 X	22,225	0,875	50,800	2,000	15,011	0,591
07097/07204	25,000	0,984	51,994	2,047	15,011	0,591
07100/07196	25,400	1,000	50,005	1,969	13,495	0,531
07100/07204	25,400	1,000	51,994	2,047	15,011	0,591
07100 S/07196	25,400	1,000	50,005	1,969	13,495	0,531
07100 S/07210 X	25,400	1,000	50,800	2,000	15,011	0,591
09067/09195	19,050	0,750	49,225	1,938	18,034	0,710
09067/09196	19,050	0,750	49,225	1,938	21,209	0,835
09074/09194	19,050	0,750	49,225	1,938	23,020	0,906
09074/09195	19,050	0,750	49,225	1,938	19,845	0,781
09074/09196	19,050	0,750	49,225	1,938	23,020	0,906
09081/09195	20,625	0,812	49,225	1,938	19,845	0,781
09081/09196	20,625	0,812	49,225	1,938	23,020	0,906
11162/11300	41,275	1,625	76,200	3,000	18,009	0,709
11163/11300	41,275	1,625	76,200	3,000	18,009	0,709
11590/11520	15,875	0,625	42,862	1,687	14,288	0,563
13685/13621	38,100	1,500	69,012	2,717	19,050	0,750
13686/13620	38,100	1,500	69,012	2,717	26,195	1,031
13687/13620	38,100	1,500	69,012	2,717	19,050	0,750
13687/13621	38,100	1,500	69,012	2,717	19,050	0,750
1380/1328	22,225	0,875	52,388	2,063	19,368	0,763
13889/13836	38,100	1,500	65,088	2,563	12,700	0,500
14116/14276	30,226	1,190	69,012	2,717	19,845	0,781
14118/14274	30,000	1,181	69,012	2,717	19,845	0,781
14118/14283	30,000	1,181	72,085	2,838	22,385	0,881
14123 AA/14274	31,750	1,250	69,012	2,717	26,983	1,062
14123 AA/14276	31,750	1,250	69,012	2,717	26,983	1,062

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
14125 A/14274	31,750	1,250	69,012	2,717	19,845	0,781
14125 A/14276	31,750	1,250	69,012	2,717	19,845	0,781
14125 A/14283	31,750	1,250	72,085	2,838	22,385	0,881
14130/14274	33,338	1,313	69,012	2,717	19,845	0,781
14130/14276	33,338	1,313	69,012	2,717	19,845	0,781
14131/14274	33,338	1,313	69,012	2,717	19,845	0,781
14131/14276	33,338	1,313	69,012	2,717	19,845	0,781
14136 A/14276	34,925	1,375	69,012	2,717	26,983	1,062
14137 A/14274	34,925	1,375	69,012	2,717	19,845	0,781
14137 A/14276	34,925	1,375	69,012	2,717	19,845	0,781
14137 AS/14276	34,925	1,375	69,012	2,717	19,845	0,781
14138 A/14274	34,925	1,375	69,012	2,717	19,845	0,781
14138 A/14276	34,925	1,375	69,012	2,717	19,845	0,781
14138 A/14283	34,925	1,375	72,085	2,838	22,385	0,881
14585/14525	34,925	1,375	68,262	2,687	20,638	0,813
15100/15245	25,400	1,000	62,000	2,441	19,050	0,750
15100/15250	25,400	1,000	63,500	2,500	20,638	0,813
15100/15250 X	25,400	1,000	63,500	2,500	20,638	0,813
15101/15245	25,400	1,000	62,000	2,441	19,050	0,750
15101/15250	25,400	1,000	63,500	2,500	20,638	0,813
15101/15250 X	25,400	1,000	63,500	2,500	20,638	0,813
15103 S/15243	26,162	1,030	61,912	2,437	19,050	0,750
15103 S/15245	26,162	1,030	62,000	2,441	19,050	0,750
15106/15245	26,988	1,063	62,000	2,441	19,050	0,750
15106/15250	26,988	1,063	63,500	2,500	20,638	0,813
15106/15250 X	26,988	1,063	63,500	2,500	20,638	0,813
15112/15245	28,575	1,125	62,000	2,441	19,050	0,750
15112/15250	28,575	1,125	63,500	2,500	20,638	0,813
15112/15250 X	28,575	1,125	63,500	2,500	20,638	0,813
15117/15245	29,987	1,181	62,000	2,441	19,050	0,750
15118/15245	30,213	1,189	62,000	2,441	19,050	0,750
15118/15250	30,213	1,189	63,500	2,500	20,638	0,813
15118/15250 X	30,213	1,189	63,500	2,500	20,638	0,813
15120/15250 X	30,213	1,189	63,500	2,500	20,638	0,813
15123/15244	31,750	1,250	62,000	2,441	19,749	0,778



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
15123/15245	31,750	1,250	62,000	2,441	18,161	0,715
15123/15250 X	31,750	1,250	63,500	2,500	19,749	0,778
15125/15245	31,750	1,250	62,000	2,441	19,050	0,750
15126/15245	31,750	1,250	62,000	2,441	19,050	0,750
15126/15250	31,750	1,250	63,500	2,500	20,638	0,813
15126/15250 X	31,750	1,250	63,500	2,500	20,638	0,813
15578/15520	25,400	1,000	57,150	2,250	17,462	0,687
15579 X/15520	25,987	1,023	57,150	2,250	17,462	0,687
15580/15520	26,988	1,063	57,150	2,250	17,462	0,687
16150/16284	38,100	1,500	72,238	2,844	20,638	0,813
1680/1620	33,338	1,313	66,675	2,625	20,638	0,813
1779/1729 X	23,812	0,937	56,896	2,240	19,368	0,763
1780/1729	25,400	1,000	56,896	2,240	19,368	0,763
17887/17831	45,230	1,781	79,985	3,149	19,842	0,781
18590/18520	41,275	1,625	73,025	2,875	16,667	0,656
18690/18620	46,038	1,813	79,375	3,125	17,462	0,687
18790/18720	50,800	2,000	85,000	3,346	17,462	0,687
19150/19268	38,100	1,500	68,262	2,687	15,875	0,625
1985/1922	28,575	1,125	57,150	2,250	19,845	0,781
1985/1930	28,575	1,125	56,896	2,240	19,845	0,781
1985/1931	28,575	1,125	60,325	2,375	19,845	0,781
1985/1932	28,575	1,125	58,738	2,313	19,050	0,750
1986/1931	25,400	1,000	60,325	2,375	19,845	0,781
1986/1932	25,400	1,000	58,738	2,313	19,050	0,750
1988/1922	28,575	1,125	57,150	2,250	19,845	0,781
1988/1931	28,575	1,125	60,325	2,375	19,845	0,781
21075/21212	19,050	0,750	53,975	2,125	22,225	0,875
23690/23620	34,925	1,375	73,025	2,875	26,988	1,063
24780/24720	41,275	1,625	76,200	3,000	22,225	0,875
24780/24721	41,275	1,625	76,200	3,000	25,400	1,000
24781/24720	41,275	1,625	76,200	3,000	22,225	0,875
24781/24721	41,275	1,625	76,200	3,000	25,400	1,000
25576/25520	42,862	1,687	82,931	3,265	23,812	0,937
25577/25520	42,875	1,688	82,931	3,265	23,812	0,937
25577/25521	42,875	1,688	83,058	3,270	23,812	0,937

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
25577/25522	42,875	1,688	83,058	3,270	23,876	0,940
25577/25523	42,875	1,688	82,931	3,265	26,988	1,063
25578/25520	42,862	1,687	82,931	3,265	23,812	0,937
25578/25521	42,862	1,687	83,058	3,270	23,812	0,937
25578/25522	42,862	1,687	83,058	3,270	23,876	0,940
25578/25523	42,862	1,687	82,931	3,265	26,988	1,063
25580/25520	44,450	1,750	82,931	3,265	23,812	0,937
25580/25521	44,450	1,750	83,058	3,270	23,812	0,937
25580/25522	44,450	1,750	83,058	3,270	23,876	0,940
25580/25523	44,450	1,750	82,931	3,265	26,988	1,063
25581/25520	44,450	1,750	82,931	3,265	23,813	0,938
25584/25520	44,983	1,771	82,931	3,265	23,812	0,937
25584/25521	44,983	1,771	83,058	3,270	23,813	0,938
25584/25547 RB	44,983	1,771	99,995	3,937	25,400	1,000
25584 A/25520	44,987	1,771	82,931	3,265	23,812	0,937
25590/25520	45,618	1,796	82,931	3,265	23,812	0,937
25590/25521	45,618	1,796	83,058	3,270	23,812	0,937
25590/25522	45,618	1,796	83,058	3,270	23,876	0,940
25590/25523	45,618	1,796	82,931	3,265	26,988	1,063
2580/2520	31,750	1,250	66,421	2,615	25,400	1,000
2580/2523	31,750	1,250	69,850	2,750	23,812	0,937
2585/2523	33,338	1,313	69,850	2,750	23,812	0,937
25877/25820	34,925	1,375	73,025	2,875	23,812	0,937
25877/25821	34,925	1,375	73,025	2,875	23,812	0,937
25878/25820	34,925	1,375	73,025	2,875	23,812	0,937
25880/25820	36,487	1,436	73,025	2,875	23,812	0,937
25880/25821	36,487	1,436	73,025	2,875	23,812	0,937
26878/26823	38,100	1,500	76,200	3,000	25,400	1,000
26882/26820	41,275	1,625	80,167	3,156	25,400	1,000
26882/26822	41,275	1,625	79,375	3,125	23,812	0,937
26882 T/26822	41,275	1,625	79,375	3,125	23,812	0,937
26884/26823	42,875	1,688	76,200	3,000	25,400	1,000
26889/2631	28,575	1,125	66,421	2,615	23,812	0,937
27680/27620	73,025	2,875	125,412	4,937	25,400	1,000
27687/27620	82,550	3,250	125,412	4,937	25,400	1,000



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
27690/27620	83,345	3,281	125,412	4,937	25,400	1,000
2780/2720	36,487	1,436	76,200	3,000	23,812	0,937
2780/2729	36,487	1,436	76,200	3,000	23,812	0,937
2788/2720	38,100	1,500	76,200	3,000	23,812	0,937
2788/2729	38,100	1,500	76,200	3,000	23,812	0,937
2789/2720	39,688	1,563	76,200	3,000	23,812	0,937
2789/2729	39,688	1,563	76,200	3,000	23,812	0,937
2793/2720	34,925	1,375	76,200	3,000	23,813	0,938
2796/2735 X	34,925	1,375	73,025	2,875	23,812	0,937
28137/28317	34,925	1,375	80,035	3,151	21,433	0,844
28579/28520	49,987	1,968	89,980	3,543	24,750	0,974
28580/28520	50,800	2,000	89,980	3,543	24,750	0,974
28580/28521	50,800	2,000	92,075	3,625	24,608	0,969
28580/28527 RB	50,800	2,000	99,995	3,937	24,607	0,969
28584/28521	52,388	2,063	92,075	3,625	24,608	0,969
28682/28621	57,150	2,250	96,838	3,813	24,608	0,969
28682/28622	57,150	2,250	97,630	3,844	24,608	0,969
28985/28920	60,325	2,375	101,600	4,000	25,400	1,000
28985/28921	60,325	2,375	100,000	3,937	25,400	1,000
29585/29520	63,500	2,500	107,950	4,250	25,400	1,000
29586/29520	63,500	2,500	107,950	4,250	25,400	1,000
29586/29522	63,500	2,500	107,950	4,250	25,400	1,000
29590/29520	66,675	2,625	107,950	4,250	25,400	1,000
29590/29522	66,675	2,625	107,950	4,250	25,400	1,000
29675/29620	69,850	2,750	112,712	4,437	25,400	1,000
29685/29620	73,025	2,875	112,712	4,437	25,400	1,000
29688/29620	73,817	2,906	112,712	4,437	25,400	1,000
31593/31520	34,925	1,375	76,200	3,000	29,370	1,156
31594/31520	34,925	1,375	76,200	3,000	29,370	1,156
33262/33462	66,675	2,625	117,475	4,625	30,162	1,187
33262 A/33461	66,675	2,625	117,475	4,625	30,163	1,188
33275/33462	69,850	2,750	117,475	4,625	30,162	1,187
33275/33472	69,850	2,750	120,000	4,724	29,794	1,173
33281/33462	71,438	2,813	117,475	4,625	30,162	1,187
33281/33472	71,438	2,813	120,000	4,724	29,794	1,173

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
33287/33462	73,025	2,875	117,475	4,625	30,162	1,187
33287/33472	73,025	2,875	120,000	4,724	29,794	1,173
336/332	41,275	1,625	80,000	3,150	21,000	0,827
3381/3320	38,100	1,500	80,167	3,156	29,370	1,156
3382/3320	39,688	1,563	80,167	3,156	29,370	1,156
3384/3320	41,275	1,625	80,167	3,156	29,370	1,156
3386/3320	39,688	1,563	80,167	3,156	29,370	1,156
3386/3325	39,688	1,563	79,975	3,149	29,370	1,156
33885/33822	44,450	1,750	95,250	3,750	27,783	1,094
33889/33821	50,800	2,000	95,250	3,750	27,783	1,094
33889/33822	50,800	2,000	95,250	3,750	27,783	1,094
33891/33821	52,388	2,063	95,250	3,750	27,783	1,094
33895/33821	53,975	2,125	95,250	3,750	27,783	1,094
33895/33822	53,975	2,125	95,250	3,750	27,783	1,094
N 342 A/332	41,275	1,6250	80,000	3,1496	28,574	1,1250
34300/34478	76,200	3,000	121,442	4,781	24,608	0,969
34300/34478 B	76,200	3,000	121,442	4,781	11,907	0,469
34300/34500	76,200	3,000	127,000	5,000	26,988	1,063
34301/34500	76,200	3,000	127,000	5,000	26,988	1,063
34306/34478	77,788	3,063	121,442	4,781	24,608	0,969
344/332	40,000	1,575	80,000	3,150	21,000	0,827
3477/3420	33,338	1,313	79,375	3,125	29,370	1,156
3478/3420	34,925	1,375	79,375	3,125	29,370	1,156
3490/3420	38,100	1,500	79,375	3,125	29,370	1,156
355/354 X	44,450	1,750	85,000	3,346	20,638	0,813
355 X/352	44,450	1,750	90,119	3,548	23,000	0,906
355 X/354 X	44,450	1,750	85,000	3,346	20,638	0,813
3577/3520	41,275	1,625	84,138	3,313	30,162	1,187
3577/3525	41,275	1,625	87,312	3,437	30,162	1,187
3578/3520	44,450	1,750	84,138	3,313	30,162	1,187
3578/3525	44,450	1,750	87,312	3,437	30,162	1,187
3585/3525	41,275	1,625	87,312	3,437	30,162	1,187
3586/3525	45,237	1,781	79,975	3,149	30,162	1,187
359 A/354 X	46,038	1,813	85,000	3,346	20,638	0,813
359 S/354 X	46,038	1,813	85,000	3,346	20,638	0,813



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
368/362 A	50,800	2,000	88,900	3,500	20,638	0,813
368 A/362 A	50,800	2,000	88,900	3,500	20,638	0,813
368 A/362 X	50,800	2,000	90,000	3,543	25,000	0,984
368 S/362	51,592	2,031	90,000	3,543	20,000	0,787
368 S/362 A	51,592	2,031	88,900	3,500	20,638	0,813
369 A/362 A	47,625	1,875	88,900	3,500	20,638	0,813
369 A/363	47,625	1,875	90,000	3,543	20,000	0,787
369 S/362	47,625	1,875	90,000	3,543	20,000	0,787
369 S/362 A	47,625	1,875	88,900	3,500	20,638	0,813
369 S/363	47,625	1,875	90,000	3,543	20,000	0,787
37425/37625	107,950	4,250	158,750	6,250	23,020	0,906
37425 T/37625 T	107,950	4,250	158,750	6,250	23,020	0,906
37431/37625	109,538	4,313	158,750	6,250	23,020	0,906
37431 A/37625	109,538	4,313	158,750	6,250	23,020	0,906
3767/3720	52,388	2,063	93,264	3,672	30,162	1,187
3776/3720	44,983	1,771	93,264	3,672	30,162	1,187
3778/3720	47,625	1,875	93,264	3,672	30,162	1,187
3779/3720	47,625	1,875	93,264	3,672	30,162	1,187
3780/3720	50,800	2,000	93,264	3,672	30,162	1,187
3780/3727	50,800	2,000	93,662	3,687	30,162	1,187
3782/3720	44,450	1,750	93,264	3,672	30,162	1,187
3784/3720	50,800	2,000	93,264	3,672	30,162	1,187
3784/3727	50,800	2,000	93,662	3,687	30,162	1,187
385/382	55,000	2,165	98,425	3,875	21,000	0,827
385/382 A	55,000	2,165	96,838	3,813	21,000	0,827
385 A/382	50,800	2,000	98,425	3,875	21,000	0,827
385 A/382 A	50,800	2,000	96,838	3,813	21,000	0,827
386 A/382 A	47,625	1,875	96,838	3,813	21,000	0,827
387/382	57,150	2,250	98,425	3,875	21,000	0,827
387/382 A	57,150	2,250	96,838	3,813	21,000	0,827
387/382 S	57,150	2,250	96,838	3,813	25,400	1,000
387 A/382	57,150	2,250	98,425	3,875	21,000	0,827
387 A/382 A	57,150	2,250	96,838	3,813	21,000	0,827
387 A/382 S	57,150	2,250	96,838	3,813	25,400	1,000
387 A/383 A	57,150	2,250	100,000	3,937	21,000	0,827

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
387 AS/382 A	57,150	2,250	96,838	3,813	21,000	0,827
387 AS/382 S	57,150	2,250	96,838	3,813	25,400	1,000
387 S/382	57,150	2,250	98,425	3,875	21,000	0,827
387 S/382 S	57,150	2,250	96,838	3,813	25,400	1,000
387 S/383 A	57,150	2,250	100,000	3,937	21,000	0,827
3877/3820	41,275	1,625	85,725	3,375	30,162	1,187
3878/3820	36,512	1,437	85,725	3,375	30,162	1,187
3879/3820	40,000	1,575	73,025	2,875	30,162	1,187
388 A/382	57,531	2,265	98,425	3,875	21,000	0,827
389 A/382 A	53,975	2,125	96,838	3,813	21,000	0,827
389 A/383 A	53,975	2,125	100,000	3,937	21,000	0,827
389 AS/382	53,975	2,125	98,425	3,875	21,000	0,827
390/394 A	57,150	2,250	110,000	4,331	22,000	0,866
392/394 A	61,912	2,437	110,000	4,331	22,000	0,866
39250/39412	63,500	2,500	104,775	4,125	21,433	0,844
395/394 A	63,500	2,500	110,000	4,331	22,000	0,866
395 A/394 A	66,675	2,625	110,000	4,331	22,000	0,866
395 S/394 A	66,675	2,625	110,000	4,331	22,000	0,866
39580/39520	57,150	2,250	112,712	4,437	30,162	1,187
39580/39528	57,150	2,250	119,985	4,724	32,750	1,289
39581/39520	57,150	2,250	112,712	4,437	30,162	1,187
39585/39520	63,500	2,500	112,712	4,437	30,162	1,187
39590/39520	66,675	2,625	112,712	4,437	30,162	1,187
3979/3920	57,150	2,250	112,712	4,437	30,162	1,187
3980/3920	60,325	2,375	112,712	4,437	30,162	1,187
3982/3920	63,500	2,500	112,712	4,437	30,162	1,187
3982/3927 X	63,500	2,500	110,000	4,331	30,162	1,187
3984/3920	66,675	2,625	112,712	4,437	30,162	1,187
3984/3925	66,675	2,625	112,712	4,437	30,162	1,187
399 A/394 A	68,262	2,687	110,000	4,331	22,000	0,866
399 AS/394 A	68,262	2,687	110,000	4,331	22,000	0,866
3994/3920	66,675	2,625	112,712	4,437	30,162	1,187
3994/3927 X	66,675	2,625	110,000	4,331	30,162	1,187
4 A/6	19,050	0,750	44,450	1,750	12,700	0,500
41125/41286	28,575	1,125	72,626	2,859	24,608	0,969



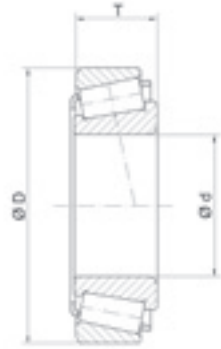
REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
418/414	38,100	1,500	88,500	3,484	26,988	1,063
419/414	41,275	1,625	88,500	3,484	26,988	1,063
42350/42584	88,900	3,500	148,430	5,844	28,575	1,125
42362/42584	92,075	3,625	148,430	5,844	28,575	1,125
42368/42584	93,662	3,687	148,430	5,844	28,575	1,125
42381/42584	96,838	3,813	148,430	5,844	28,575	1,125
42688/42620	76,200	3,000	127,000	5,000	30,162	1,187
4367 X/4335	39,688	1,563	90,488	3,563	39,688	1,563
4388/4335	41,275	1,625	90,488	3,563	39,688	1,563
4395/4335	42,070	1,656	90,488	3,563	39,688	1,563
44162/44348	41,275	1,625	88,500	3,484	25,400	1,000
45284/45220	50,800	2,000	104,775	4,125	30,162	1,187
45285 A/45220	50,800	2,000	104,775	4,125	30,162	1,187
45285 A/45221	50,800	2,000	104,775	4,125	30,162	1,187
45289/45220	57,150	2,250	104,775	4,125	30,162	1,187
455/453 X	50,800	2,000	104,775	4,125	30,162	1,187
N 4580/4535	50,800	2,000	104,775	4,125	39,687	1,562
462/453 X	57,150	2,250	104,775	4,125	30,162	1,187
462 A/453 X	57,150	2,250	104,775	4,125	30,162	1,187
469/453 A	57,150	2,250	107,950	4,250	27,783	1,094
469/453 X	57,150	2,250	104,775	4,125	30,162	1,187
47487/47420	69,850	2,750	120,000	4,724	32,545	1,281
47490/47420	71,438	2,813	120,000	4,724	32,545	1,281
476/472	60,000	2,362	120,000	4,724	29,795	1,173
47686/47620	82,550	3,250	133,350	5,250	33,338	1,313
47890/47820	92,075	3,625	146,050	5,750	33,338	1,313
48190/48120	107,950	4,250	161,925	6,375	34,925	1,375
482/472	69,850	2,750	120,000	4,724	29,795	1,173
482/472 A	69,850	2,750	120,000	4,724	29,002	1,142
482/472 X	69,850	2,750	123,825	4,875	30,162	1,187
482 E/472	69,850	2,750	120,000	4,724	46,751	1,841
N 48290/48220	127,000	5,000	182,562	7,1875	39,689	1,5626
48385/48320	133,350	5,250	190,500	7,500	39,687	1,562
484/472	70,000	2,756	120,000	4,724	29,795	1,173
484/472 A	70,000	2,756	120,000	4,724	29,002	1,142

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
N 48684/48620	142,875	5,6250	200,025	7,8750	41,275	1,6250
49162/49368	41,275	1,625	93,662	3,687	31,750	1,250
49175/49368	44,450	1,750	93,662	3,687	31,750	1,250
495/492	82,550	3,250	133,350	5,250	33,338	1,313
495/492 A	82,550	3,250	133,350	5,250	30,162	1,187
495/493	82,550	3,250	136,525	5,375	30,162	1,187
495 A/492 A	76,200	3,000	133,350	5,250	30,162	1,187
495 A/493	76,200	3,000	136,525	5,375	30,162	1,187
49585/49520	50,800	2,000	101,600	4,000	31,750	1,250
496/493	80,962	3,187	136,525	5,375	30,162	1,187
497/492 A	85,725	3,375	133,350	5,250	30,162	1,187
497/493	85,725	3,375	136,525	5,375	30,162	1,187
498/492 A	84,138	3,313	133,350	5,250	30,162	1,187
498/493	84,138	3,313	136,525	5,375	30,162	1,187
52400/52618	101,600	4,000	157,162	6,187	36,512	1,437
527/522	44,450	1,750	101,600	4,000	34,925	1,375
527 S/522	44,983	1,771	101,600	4,000	34,925	1,375
528/522	47,625	1,875	101,600	4,000	34,925	1,375
529/520 X1	50,800	2,000	100,000	3,937	34,925	1,375
529/522	50,800	2,000	101,600	4,000	34,925	1,375
529 X/522	50,800	2,000	101,600	4,000	34,925	1,375
53176/53375	44,450	1,750	95,250	3,750	30,958	1,219
53177/53375	44,450	1,750	95,250	3,750	30,958	1,219
53178/53377	44,450	1,750	95,250	3,750	30,958	1,219
535/532 X	44,450	1,750	107,950	4,250	36,512	1,437
536/532 X	47,625	1,875	107,950	4,250	36,512	1,437
537/532	50,800	2,000	111,125	4,375	38,100	1,500
537/532 X	50,800	2,000	107,950	4,250	36,512	1,437
538/532	54,988	2,165	111,125	4,375	38,100	1,500
539/532 A	53,975	2,125	111,125	4,375	38,100	1,500
539/532 X	53,975	2,125	107,950	4,250	36,512	1,437
5395/5335	49,212	1,937	103,188	4,063	43,658	1,719
55175 C/55437	44,450	1,750	111,125	4,375	30,162	1,187
55187 C/55437	47,625	1,875	111,125	4,375	30,162	1,187
55200 C/55437	50,800	2,000	111,125	4,375	30,162	1,187



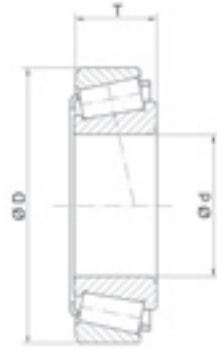
REFERENCES / REFERENCIAS	d		D		T	
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55206 C/55437	52,388	2,063	111,125	4,375	30,162	1,187
555 S/552 A	57,150	2,250	123,825	4,875	38,100	1,500
5566/5535	55,562	2,187	122,238	4,813	43,658	1,719
5566-62/5535	62,000	2,441	122,238	4,813	43,658	1,719
559/552 A	63,500	2,500	123,825	4,875	38,100	1,500
56425/56650	107,950	4,250	165,100	6,500	36,512	1,437
566/563	69,850	2,750	127,000	5,000	36,512	1,437
567/563	73,025	2,875	127,000	5,000	36,512	1,437
567 X/563	73,025	2,875	127,000	5,000	36,512	1,437
568/563	73,817	2,906	127,000	5,000	36,512	1,437
575/572	76,200	3,000	139,992	5,511	36,512	1,437
575/572 A	76,200	3,000	139,982	5,511	35,250	1,388
575/572 X	76,200	3,000	139,700	5,500	36,512	1,437
576/572	73,025	2,875	139,992	5,511	36,512	1,437
580/572	82,550	3,250	139,992	5,511	36,512	1,437
580/572 A	82,550	3,250	139,982	5,511	35,250	1,388
580/572 X	82,550	3,250	139,700	5,500	36,512	1,437
59162/59412	41,275	1,625	104,775	4,125	36,512	1,437
593/592 A	88,900	3,500	152,400	6,000	39,688	1,563
594/592 A	95,250	3,750	152,400	6,000	39,688	1,563
594/593 X	95,250	3,750	150,000	5,906	35,992	1,417
594 A/592 A	95,250	3,750	152,400	6,000	39,688	1,563
594 A/593 X	95,250	3,750	150,000	5,906	35,992	1,417
598/592 A	92,075	3,625	152,400	6,000	39,688	1,563
598/593 X	92,075	3,625	150,000	5,906	35,992	1,417
598 A/592 A	92,075	3,625	152,400	6,000	39,688	1,563
598 A/593 X	92,075	3,625	150,000	5,906	35,992	1,417
619/612	50,800	2,000	120,650	4,750	41,275	1,625
6280/6220	53,975	2,125	127,000	5,000	50,800	2,000
6379/6320	65,088	2,563	135,755	5,345	53,975	2,125
6386/6320	66,675	2,625	135,755	5,345	53,975	2,125
641/632	66,675	2,625	136,525	5,375	41,275	1,625
641/633	66,675	2,625	130,175	5,125	41,275	1,625
643/632	69,850	2,750	136,525	5,375	41,275	1,625
644/632	71,438	2,813	136,525	5,375	41,275	1,625

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
64450/64700	114,300	4,500	177,800	7,000	41,275	1,625
645/632	71,438	2,813	136,525	5,375	41,275	1,625
6461/6420	76,200	3,000	149,225	5,875	53,975	2,125
65237/65500	60,325	2,375	127,000	5,000	44,450	1,750
6580/6535	88,900	3,500	161,925	6,375	53,975	2,125
659/653	76,200	3,000	146,050	5,750	41,275	1,625
663/652	82,550	3,250	152,400	6,000	41,275	1,625
663/653	82,550	3,250	146,050	5,750	41,275	1,625
66589/66520	59,972	2,361	122,238	4,813	33,338	1,313
67391/67322	133,350	5,250	196,850	7,750	46,038	1,813
N 67885/67820	190,500	7,5000	266,700	10,5000	47,625	1,8750
681/672	92,075	3,625	168,275	6,625	41,275	1,625
681 A/672	92,075	3,625	168,275	6,625	41,275	1,625
683/672	95,250	3,750	168,275	6,625	41,275	1,625
68462/68712	117,475	4,625	180,975	7,125	34,925	1,375
687/672	101,600	4,000	168,275	6,625	41,275	1,625
69354/69630	89,992	3,543	160,096	6,303	30,124	1,186
72187/72487	47,625	1,875	123,825	4,875	36,512	1,437
72200 C/72487	50,800	2,000	123,825	4,875	36,512	1,437
72212/72487	53,975	2,125	123,825	4,875	36,512	1,437
740/742	80,962	3,187	150,089	5,909	44,450	1,750
74500/74850	127,000	5,000	215,900	8,500	47,625	1,875
748 S/742	76,200	3,000	150,089	5,909	44,450	1,750
749/742	85,026	3,347	150,089	5,909	44,450	1,750
749 A/742	82,550	3,250	150,089	5,909	44,450	1,750
749 S/742	85,026	3,347	150,089	5,909	44,450	1,750
759/752	88,900	3,500	161,925	6,375	47,625	1,875
78225 C/78551	57,150	2,250	140,030	5,513	36,513	1,438
9278/9220	68,262	2,687	161,925	6,375	49,212	1,937
9285/9220	76,200	3,000	161,925	6,375	49,212	1,937
A 6075/A 6157	19,050	0,750	39,992	1,574	12,014	0,473
H 212749/H 212710	65,987	2,598	123,975	4,881	41,500	1,634
H 414242/H 414210	66,675	2,625	136,525	5,375	41,275	1,625
H 715332/H 715311	60,325	2,375	136,525	5,375	46,038	1,813



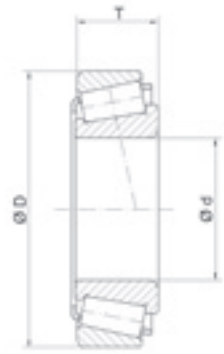
REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
H 715334/H 715311	61,912	2,437	136,525	5,375	46,038	1,813
H 715336/H 715311	63,500	2,500	136,525	5,375	46,038	1,813
H 715340/H 715311	65,088	2,563	136,525	5,375	46,038	1,813
H 715341/H 715311	66,675	2,625	136,525	5,375	46,038	1,813
H 715343/H 715311	68,262	2,687	136,525	5,375	46,038	1,813
H 715345/H 715311	71,438	2,813	136,525	5,375	46,038	1,813
H 913842/H 913810	61,912	2,437	146,050	5,750	41,275	1,625
H 913843/H 913810	61,912	2,437	146,050	5,750	41,275	1,625
H 913849/H 913810	69,850	2,750	146,050	5,750	41,275	1,625
H 924033/H 924010	101,600	4,000	214,312	8,437	55,562	2,187
HM 204043/HM 204010	39,987	1,574	90,975	3,582	32,000	1,260
HM 212044/HM 212011	60,325	2,375	122,238	4,813	38,100	1,500
HM 212047/HM 212011	63,500	2,500	122,238	4,813	38,100	1,500
HM 212049/HM 212010	66,675	2,625	122,238	4,813	38,100	1,500
HM 212049/HM 212011	66,675	2,625	122,238	4,813	38,100	1,500
HM 215249/HM 215210	75,987	2,992	131,975	5,196	39,000	1,535
HM 218248/HM 218210	89,974	3,542	146,975	5,786	40,000	1,575
HM 220149/HM 220110	99,975	3,936	156,975	6,180	42,000	1,654
HM 516449 C/HM 516410	82,550	3,250	133,350	5,250	39,688	1,563
HM 518445/HM 518410	88,900	3,500	152,400	6,000	39,688	1,563
HM 801346/HM 801310	38,100	1,500	82,550	3,250	29,370	1,156
HM 801346 X/HM 801310	38,100	1,500	82,550	3,250	29,370	1,156
HM 803145/HM 803110	41,275	1,625	88,900	3,500	30,163	1,188
HM 803146/HM 803110	41,275	1,625	88,900	3,500	30,162	1,187
HM 803149/HM 803110	44,450	1,750	88,900	3,500	30,162	1,187
HM 803149/HM 803112	44,450	1,750	92,075	3,625	30,162	1,187
HM 804840/HM804810	41,275	1,625	95,250	3,750	30,162	1,187
HM 804843/HM 804810	44,450	1,750	95,250	3,750	30,162	1,187
HM 804846/HM 804810	47,625	1,875	95,250	3,750	30,162	1,187
HM 807040/HM 807010	44,450	1,750	104,775	4,125	36,512	1,437
HM 807044/HM 807010	49,212	1,937	104,775	4,125	36,512	1,437
HM 807046/HM 807010	50,800	2,000	104,775	4,125	36,512	1,437
HM 807048/HM 807010	54,487	2,145	104,775	4,125	36,512	1,437
HM 807049/HM 807010	53,975	2,125	104,775	4,125	36,512	1,437
HM 813840/HM813811	55,562	2,187	127,000	5,000	36,512	1,437

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
HM 813841/HM 813810	60,325	2,375	127,000	5,000	36,512	1,437
HM 813841/HM 813811	60,325	2,375	127,000	5,000	36,512	1,437
HM 813842/HM 813810	63,500	2,500	127,000	5,000	36,512	1,437
HM 813843/HM 813810	61,912	2,437	127,000	5,000	36,512	1,437
HM 813849/HM 813810	71,438	2,813	127,000	5,000	36,512	1,437
HM 813849/HM 813811	71,438	2,813	127,000	5,000	36,512	1,437
HM 81649/HM 81610	15,987	0,629	46,975	1,849	21,000	0,827
HM 88542/HM 88510	31,750	1,250	73,025	2,875	29,370	1,156
HM 88547/HM 88510	33,338	1,313	73,025	2,875	29,370	1,156
HM 88648/HM 88610	35,717	1,406	72,233	2,844	25,400	1,000
HM 88649/HM 88610	34,925	1,375	72,233	2,844	25,400	1,000
HM 89443/HM 89410	33,338	1,313	76,200	3,000	29,370	1,156
HM 89446/HM 89410	34,925	1,375	76,200	3,000	29,370	1,156
HM 89448/HM 89410	36,512	1,437	76,200	3,000	29,370	1,156
HM 89449/HM 89410	36,512	1,437	76,200	3,000	29,370	1,156
HM 903245/HM 903210	41,275	1,625	95,250	3,750	30,958	1,219
HM 903249/HM 903210	44,450	1,750	95,250	3,750	30,958	1,219
HM 905843/HM 905810	44,987	1,771	104,986	4,133	32,512	1,280
HM 911244/HM 911210	59,987	2,362	130,175	5,125	34,100	1,343
HM 911244/HM 911216	59,987	2,362	134,983	5,314	33,449	1,317
HM 911245/HM 911210	60,325	2,375	130,175	5,125	36,512	1,437
J 15585/15520	28,000	1,102	57,150	2,250	17,462	0,687
JD 6549/JD 6510	65,000	2,559	110,000	4,331	31,000	1,220
JF 10049/JF 10010	100,000	3,937	165,000	6,496	47,000	1,850
JF 4049/JF 4010	40,000	1,575	85,000	3,346	33,000	1,299
JF 4549/JF 4510	45,000	1,772	95,000	3,740	36,000	1,417
JF 5049/JF 5010	50,000	1,969	100,000	3,937	36,000	1,417
JF 6049/JF 6010	60,000	2,362	115,000	4,528	40,000	1,575
JF 7049/JF 7010	70,000	2,756	130,000	5,118	43,000	1,693
JF 7049 A/JF 7010	70,000	2,756	130,000	5,118	43,000	1,693
JF 9549/JF 9510	95,000	3,740	160,000	6,299	46,000	1,811
JH 211749/JH 211710	65,000	2,559	120,000	4,724	39,000	1,535
JH 415647/JH 415610	75,000	2,953	145,000	5,709	51,000	2,008
N JHM 318448/JHM 318410	90,000	3,543	155,000	6,102	44,000	1,732



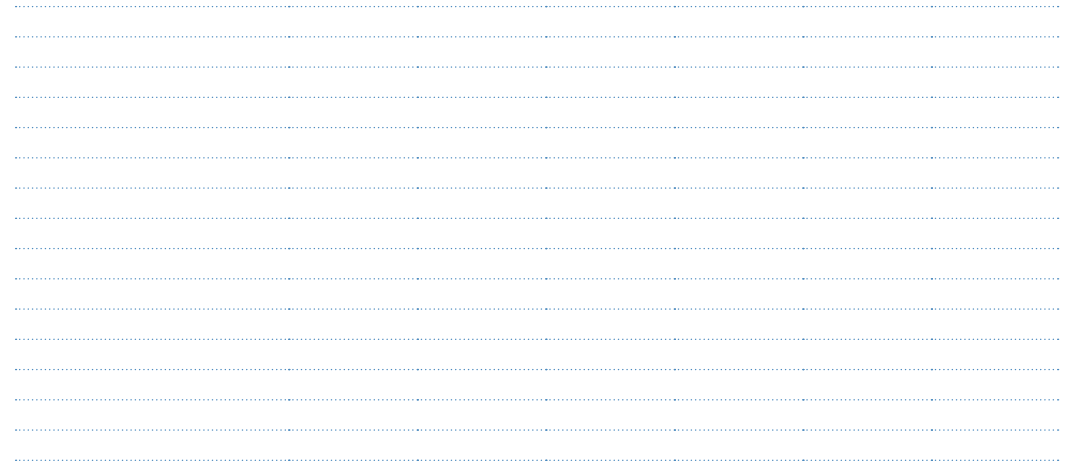
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	mm	inch	mm	inch	mm	inch
JHM 516849/JHM 516810	85,000	3,346	140,000	5,512	39,000	1,535
JHM 522649/JHM 522610	110,000	4,331	180,000	7,087	47,000	1,850
JHM 720249/JHM 720210	100,000	3,937	160,000	6,299	41,000	1,614
JHM 807045/JHM 807012	50,000	1,969	105,000	4,134	37,000	1,457
JHM 88540/JHM 88513	30,000	1,181	72,000	2,835	29,370	1,156
JL 26749 F/JL 26710	32,000	1,260	53,000	2,087	14,500	0,571
JL 68145/JL 68111 Z	35,000	1,378	60,000	2,362	15,875	0,625
JL 69345/JL 69310	38,000	1,496	63,000	2,480	17,000	0,669
JL 69345/JL 69310 Z	38,000	1,496	63,000	2,480	17,000	0,669
JL 69349/JL 69310	38,000	1,496	63,000	2,480	17,000	0,669
JL 819349/JL 819310	95,000	3,740	135,000	5,315	20,000	0,787
JLM 104945/JLM 104910	50,000	1,969	82,000	3,228	21,500	0,846
JLM 104946/JLM 104910	50,000	1,969	82,000	3,228	21,500	0,846
JLM 104948/JLM 104910	50,000	1,969	82,000	3,228	21,500	0,846
JLM 104948/LM 104911	50,000	1,969	82,550	3,250	21,500	0,846
JLM 506849/JLM 506810	55,000	2,165	90,000	3,543	23,000	0,906
JLM 506849 A/JLM 506811	55,000	2,165	90,000	3,543	25,000	0,984
JLM 508748/JLM 508710	60,000	2,362	95,000	3,740	24,000	0,945
JLM 704649/JLM 704610	50,000	1,969	84,000	3,307	22,000	0,866
JLM 710949 C/JLM 710910	65,000	2,559	105,000	4,134	24,000	0,945
JLM 714149/JLM 714110	75,000	2,953	115,000	4,528	25,000	0,984
JLM 813049/JLM 813010	70,000	2,756	110,000	4,331	26,000	1,024
JM 205149/JM 205110	50,000	1,969	90,000	3,543	28,000	1,102
JM 205149 A/JM 205110	50,000	1,969	90,000	3,543	28,000	1,102
JM 207049/JM 207010	55,000	2,165	95,000	3,740	29,000	1,142
JM 207049 A/JM 207010	55,000	2,165	95,000	3,740	29,000	1,142
JM 511945/3920	65,000	2,559	112,712	4,437	29,020	1,143
JM 511945/JM 511910	65,000	2,559	110,000	4,331	28,000	1,102
JM 511946/JM 511910	65,000	2,559	110,000	4,331	28,000	1,102
JM 515649/JM 515610	80,000	3,150	130,000	5,118	35,000	1,378
JM 612949/JM 612910	70,000	2,756	115,000	4,528	29,000	1,142
JM 714249/JM 714210	75,000	2,953	120,000	4,724	31,000	1,220
JM 716649/JM 716610	85,000	3,346	130,000	5,118	30,000	1,181
JM 718149/JM 718110	90,000	3,543	145,000	5,709	35,000	1,378
JM 718149 A/JM 718110	90,000	3,543	145,000	5,709	35,000	1,378

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
JM 719149/JM 719113	95,000	3,740	150,000	5,906	35,000	1,378
JM 720249/JM 720210	100,000	3,937	155,000	6,102	36,000	1,417
JP 10049/JP 10010	100,000	3,937	145,000	5,709	24,000	0,945
JP 12049/JP 12010	120,000	4,724	170,000	6,693	27,000	1,063
JP 12049 A/JP 12010	120,000	4,724	170,000	6,693	27,000	1,063
JP 13049/JP 13010	130,000	5,118	185,000	7,283	29,000	1,142
JW 4549/JW 4510	45,000	1,772	95,000	3,740	29,000	1,142
JW 5049/JW 5010	50,000	1,969	105,000	4,134	32,000	1,260
JW 5549/JW5510	55,000	2,165	115,000	4,528	34,000	1,339
JW 6049/JW 6010	60,000	2,362	125,000	4,921	37,000	1,457
JW 7049/JW 7010	70,000	2,756	140,000	5,512	39,000	1,535
JW 8049/JW 8010	80,000	3,150	160,000	6,299	45,000	1,772
L 319249/L 319210	95,250	3,750	130,175	5,125	20,638	0,813
L 44643/L 44610	25,400	1,000	50,292	1,980	14,224	0,560
L 44643 RS/L 44610	25,400	1,000	50,292	1,980	14,224	0,560
L 44645/L 44613	25,987	1,023	51,986	2,047	15,011	0,591
L 44649/L 44610	26,988	1,063	50,292	1,980	14,224	0,560
L 45449/L 45410	29,000	1,142	50,292	1,980	14,224	0,560
L 521949/L 521910	107,950	4,250	146,050	5,750	21,433	0,844
L 623149/L 623110	114,300	4,500	152,400	6,000	21,432	0,844
L 68149/L 68110	34,987	1,377	59,131	2,328	15,875	0,625
L 68149/L 68111	34,987	1,377	59,975	2,361	15,875	0,625
L 68149/L 68116	34,987	1,377	65,088	2,563	15,875	0,625
L 68149 R/L 68110	34,987	1,377	59,131	2,328	15,875	0,625
L 713049/L 713010	69,850	2,750	101,600	4,000	19,050	0,750
L 814749/L 814710	76,200	3,000	109,538	4,313	19,050	0,750
L 910349/L 910310	63,485	2,499	94,975	3,739	17,000	0,669
LL 217849/LL 217810	88,900	3,500	121,442	4,781	15,083	0,594
LL 225749/LL 225710	127,000	5,000	165,895	6,531	18,258	0,719
LL 319349/LL 319310	95,250	3,750	128,587	5,062	15,875	0,625
LM 102949/LM 102910	45,242	1,781	73,431	2,891	19,558	0,770
LM 102949/LM 102911	45,242	1,781	73,431	2,891	21,430	0,844
LM 104949/JLM 104910	50,800	2,000	82,000	3,228	21,976	0,865
LM 104949/LM 104911	50,800	2,000	82,550	3,250	21,590	0,850
LM 104949/LM 104911 A	50,800	2,000	82,550	3,250	21,976	0,865



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
LM 104949/LM 104912	50,800	2,000	82,931	3,265	21,590	0,850
LM 11749/LM 11710	17,462	0,687	39,878	1,570	13,843	0,545
LM 11949/LM 11910	19,050	0,750	45,237	1,781	15,494	0,610
LM 11949 RS/LM 11910	19,050	0,750	45,237	1,781	15,494	0,610
LM 12748/LM 12710	21,430	0,844	45,237	1,781	15,494	0,610
LM 12749/LM 12710	21,986	0,866	45,237	1,781	15,494	0,610
LM 12749/LM 12711	21,986	0,866	45,974	1,810	15,494	0,610
LM 29748/LM 29710	38,100	1,500	65,088	2,563	18,034	0,710
LM 29748/LM 29711	38,100	1,500	65,088	2,563	18,034	0,710
LM 29749/LM 29710	38,100	1,500	65,088	2,563	18,034	0,710
LM 29749/LM 29711	38,100	1,500	65,088	2,563	19,812	0,780
LM 300849/LM 300811	40,987	1,614	67,975	2,676	17,500	0,689
LM 330448/LM 330410	152,400	6,000	203,200	8,000	41,275	1,625
LM 48548/LM 48510	34,925	1,375	65,088	2,563	18,034	0,710
LM 48548/LM 48514 XP	34,925	1,375	68,262	2,687	18,034	0,710
LM 48548 RS/LM 48510	34,925	1,375	65,088	2,563	18,034	0,710
LM 501349/LM 501310	41,275	1,625	73,431	2,891	19,558	0,770
LM 501349/LM 501314	41,275	1,625	73,431	2,891	21,430	0,844
LM 503349/LM 503310	45,987	1,811	74,976	2,952	18,000	0,709
LM 503349 A/LM 503310	45,987	1,811	74,976	2,952	18,000	0,709
LM 603049/LM 603011	45,242	1,781	77,788	3,063	19,842	0,781
LM 603049/LM 603012	45,242	1,781	77,788	3,063	21,430	0,844
LM 603049/LM 603014	45,242	1,781	79,975	3,149	19,842	0,781
LM 67048/LM 67010	31,750	1,250	59,131	2,328	15,875	0,625
LM 67048/LM 67010 BA	31,750	1,250	58,877	2,318	15,875	0,625
LM 67048/LM 67014	31,750	1,250	61,986	2,440	15,875	0,625
LM 67048/LM 67014 X	31,750	1,250	61,986	2,440	15,875	0,625
LM 67048 RS/LM 67010	31,750	1,250	59,131	2,328	15,875	0,625
LM 67049/LM 67011	31,750	1,250	59,131	2,328	17,780	0,700
LM 67049 A/LM 67010	31,750	1,250	59,131	2,328	15,875	0,625
LM 67049 A/LM 67014	31,750	1,250	61,986	2,440	15,875	0,625
LM 67049 AX/LM 67010 X	31,750	1,250	59,131	2,328	15,875	0,625
LM 78349/LM 78310 A	34,987	1,377	61,975	2,440	16,700	0,657
LM 806649/LM 806610	53,975	2,125	88,900	3,500	19,050	0,750
M 12649/M 12610	21,430	0,844	50,005	1,969	17,526	0,690

REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
M 12649 F/M 12610 F	21,430	0,844	50,005	1,969	17,026	0,670
M 802048/M 802011	41,275	1,625	82,550	3,250	26,543	1,045
M 804048/M 804010	47,625	1,875	88,900	3,500	25,400	1,000
M 804049/M 804010	47,625	1,875	88,900	3,500	25,400	1,000
M 84249/M 84210	25,400	1,000	59,530	2,344	23,368	0,920
M 84548/M 84510	25,400	1,000	57,150	2,250	19,431	0,765
M 86647/M 86610	28,575	1,125	64,292	2,531	21,433	0,844
M 86648 A/M 86610	30,955	1,219	64,292	2,531	21,433	0,844
M 86649/M 86610	30,162	1,187	64,292	2,531	21,433	0,844
M 88043/M 88010	30,162	1,187	68,262	2,687	22,225	0,875
M 88043/M 88011	30,162	1,187	68,262	2,687	22,225	0,875
M 88046/M 88010	31,750	1,250	68,262	2,687	22,225	0,875
M 88048/M 88010	33,338	1,313	68,262	2,687	22,225	0,875
M 88048/M 88011	33,338	1,313	68,262	2,687	22,225	0,875





REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
484/472 + ring/casquillo	70,000	2,756	120,000	4,724	29,795	1,173
F 10053	68,262	2,687	115,000	4,528	30,162	1,187
F 10246/394 A	61,913	2,438	110,000	4,331	22,000	0,866
F 10247/394 A	66,675	2,625	110,000	4,331	22,000	0,866
F 15001	25,000	0,984	62,000	2,441	18,250	0,719
F 15002	30,000	1,181	72,000	2,835	20,750	0,817
F 15003	40,987	1,614	67,975	2,676	17,500	0,689
F 15007	60,000	2,362	92,500	3,642	23,000	0,906
F 15008/F 15009	62,000	2,441	122,238	4,813	43,658	1,719
F 15014	35,000	1,378	80,000	3,150	22,750	0,896
F 15023	28,000	1,102	67,000	2,638	20,500	0,807
F 15028	22,000	0,866	41,000	1,614	14,500	0,571
F 15029*	29,000	1,142	50,292	1,980	14,224	0,560
F 15036	35,000	1,378	60,000	2,362	15,875	0,625
F 15040	35,000	1,378	60,000	2,362	13,000	0,512
F 15046	60,000	2,362	130,000	5,118	39,000	1,535
F 15047	50,800	2,000	100,000	3,937	35,000	1,378
F 15048	75,000	2,953	180,000	7,087	63,500	2,500
F 15051 C	70,000	2,756	130,000	5,118	57,000	2,244
F 15051 R	70,000	2,756	130,000	5,118	57,000	2,244
F 15054/3720	50,000	1,969	93,264	3,672	30,162	1,187
F 15055/LM 29710	38,100	1,500	65,088	2,562	18,034	0,710
F 15056*	28,000	1,102	52,000	2,047	15,750	0,620

*Reference Change / Cambio de Referencia: F15029/45410 → F 15029

*Reference Change / Cambio de Referencia: F15056/320-28 XF → F 15056

Cross References & Applications / Referencias cruzadas & Aplicaciones

REFERENCES / REFERENCIAS	CROSS REF. / CRUCES	APPLICATIONS / APLICACIONES	
		EUROPE / EUROPA	AMERICAN / AMERICANAS
484/472 + ring/casquillo			
F 10053	FAG 540849		
F 10246 / 394 A			
F 10247 / 394 A			
F 15001	KOYO TR 0506 R		
F 15002	KOYO TRA 0607 R		
F 15003	KOYO 57414 / LM 300811	SUZUKI (SAMURAI SJ413)	
F 15007	SKF BT1B328092		
F 15008/F 15009	SKF BT1B 332946-CL 7C		
F 15014	SKF 30307XR-N		
F 15023	SKF 639194 Q CL7A		
F 15028	SKF BCAB 326332B TIMKEN JL22349 / 10)		
F 15029	SKF BT1B 329013 A / Q FAG 572428 TIMKEN XC110240CG / L45410 IRB IR 25621	FORD (ESCORT/FIESTA/KA/ ORION/PUMA/STREET/KA)	FORD (Courier/Fiesta/Ikon/ Microbus)
F 15036	SKF BT1B332541AB / Q FAG 540484 IRB IR 2043 KOYO 573315	FORD (SIERRA)	FORD (Escort/Escord Hobby/ Verona)
F 15040	SKF BT1 328227 CA / Q FAG 574821 A	FORD (ESCORT/FIESTA/ ORION)	
F 15046	SKF 239697 Q FAG 521471 A		
F 15047	SKF 331305A / Q FAG 522380 / 33211 TIMKEN XGA 33211		
F 15048	FAG 543562		
F 15051 C	FAG 534565		
F 15051 R	SKF 331933 FAG 528983		
F 15054/3720	NSK 50KW01 KBC 3780 F1		
F 15055/LM 29710	NSK 38KW01C9 KBC RCHL 38KW01C9		
F 15056	NSK 28KW0165SA		



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
F 15063	22,000	0,866	47,000	1,850	20,750	0,817
F 15071	75,000	2,953	160,000	6,299	58,000	2,283
F 15075	88,000	3,465	140,000	5,512	32,000	1,260
F 15076	105,000	4,134	170,000	6,693	38,000	1,496
F 15079	30,162	1,187	68,263	2,688	22,225	0,875
F 15080	34,925	1,375	73,025	2,875	26,988	1,063
F 15082	65,000	2,559	145,000	5,709	36,000	1,417
F 15083	65,000	2,559	145,000	5,709	39,500	1,555
F 15088	60,000	2,362	95,000	3,740	27,000	1,063
F 15089	22,000	0,866	47,000	1,850	20,750	0,817
F 15102	40,000	1,575	72,000	2,835	22,500	0,886
F 15104	85,000	3,346	150,000	5,906	30,500	1,201
F 15109	39,688	1,563	80,167	3,156	29,370	1,156
F 15112	42,000	1,654	76,000	2,992	23,812	0,937
F 15114	70,000	2,756	150,000	5,906	41,275	1,625
F 15115	89,975	3,542	146,975	5,786	40,000	1,575
F 15116	70,000	2,756	150,000	5,906	39,800	1,567
F 15117	40,000	1,575	90,000	3,543	28,750	1,132
F 15119	65,000	2,559	150,000	5,906	38,000	1,496
F 15133	57,165	2,251	140,000	5,512	28,250	1,112
N F 15156	80,000	3,150	140,000	5,512	39,250	1,545
N F 15157	38,100	1,500	90,000	3,543	35,250	1,388
N F 15158	60,000	2,362	135,000	5,315	37,000	1,457
N F 15159	65,000	2,559	165,000	6,496	40,000	1,575
N F 15165	109,538	4,313	158,750	6,250	23,020	0,906
N F 15183	65,000	2,559	165,000	6,496	36,000	1,417
N F 15184	62,000	2,441	147,000	5,787	50,000	1,969
N F 15190	75,000	2,953	140,000	5,512	34,250	1,348

Cross References & Applications / Referencias cruzadas & Aplicaciones

REFERENCES / REFERENCIAS	CROSS REF. / CRUCES	APPLICATIONS / APLICACIONES	
		EUROPE / EUROPA	AMERICAN / AMERICANAS
F 15063	SNR AC 10059	RENAULT (456810)	
F 15071	SKF BT1B243150 / QCL7C FAG 540873		
F 15075	SKF 331958 Q FAG 529065		
F 15076	SKF 331126 Q FAG 528946		
F 15079	SKF BT1B332674A		
F 15080	SKF 330865C / 332046AD		
F 15082	SKF 330633 C FAG 509333 A		
F 15083	SKF 331075 FAG 521618		
F 15088	NTN CR 1252		
F 15089	SKF 1861071 FAG 528935 SNR EC 10059		
F 15102	SKF BT1B 332986		
F 15104	ZF ZF 0750 117 773		
F 15109	OEM 4301851		
F 15112	KOYO ST 4276 C / ST 4276 A		
F 15114	ZF ZF 0735.371.894		
F 15115	FAG 580779 A		
F 15116	SKF BT1B 329012		
F 15117	SKF BT1 0097 C		
F 15119	SKF BT1B 328406 A / 30314 / QVB01		
F 15133	TIMKEN NP 988748 / NP 247732		
N F 15156	FAG 804358		
N F 15157	FAG 543805		
N F 15158	FAG 562830 A		
N F 15159	FAG 575725.F51		
N F 15165	FAG 548866 A		
N F 15183	FAG Z 540669.TR1PW		
N F 15184	SKF BT1B 639425		
N F 15190	FAG Z 580616 TR1		



REFERENCES / REFERENCIAS	d		D		T	
	mm	inch	mm	inch	mm	inch
N F 15193	70,000	2,756	150,000	5,906	64,000	2,520
N F 15197	35,000	1,378	72,000	2,835	24,000	0,945
N F 15199	20,000	0,787	52,000	2,047	19,250	0,758
N F 15200	100,000	3,937	160,000	6,299	42,000	1,654
N F 15201	50,000	1,969	83,000	3,268	20,500	0,807
N F 15202	35,000	1,378	89,000	3,504	38,000	1,496
N F 15203	30,000	1,181	72,000	2,835	24,000	0,945
N L 814749/F 15010	76,200	3,000	110,000	4,331	19,050	0,750

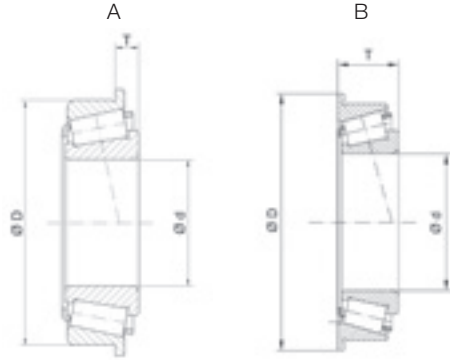


Cross References & Applications / Referencias cruzadas & Aplicaciones

REFERENCES / REFERENCIAS	CROSS REF. / CRUCES	APPLICATIONS / APLICACIONES	
		EUROPE / EUROPA	AMERICAN / AMERICANAS
N F 15193	SKF FAG VKHB 2280 / BT1 0084 572813		
N F 15197	TIMKEN NP 353549 / NP 673396		
N F 15199	KOYO 57335		
N F 15200	FAG T5ED100.576376		
N F 15201	KOYO TR 100802		
N F 15202	KOYO TR 070904 - 1		
N F 15203	KOYO STA 3072		
N L 814749/F 15010	OEM SKF L814749 / JD10084 L814749 / BT1B 332589		



Type / Tipo



REFERENCES / REFERENCIAS	d		D		T		TYPE/ TIPO
	mm	inch	mm	inch	mm	inch	
11163/11300 B	41,275	1,625	76,200	3,000	7,292	0,287	A
30208 BF	40,000	1,575	80,000	3,150	7,750	0,305	A
30210 BF	50,000	1,969	90,000	3,543	8,750	0,344	A
30308/30308 B	40,000	1,575	90,000	3,543	10,250	0,404	A
33113 B	65,000	2,559	110,000	4,331	13,000	0,512	A
N 34300/34478 B	76,200	3,000	121,442	4,781	11,907	0,469	A
65237/65500 B	60,325	2,375	127,000	5,000	16,670	0,656	A
F 15026*	42,000	1,654	100,000	3,937	15,250	0,600	A
F 15090	25,000	0,984	59,000	2,323	4,100	0,161	A
F 15108	21,986	0,866	45,000	1,772	6,500	0,256	A
F 15161	45,000	1,772	110,000	4,331	12,000	0,472	A
F 15191	80,000	3,150	139,992	5,511	14,288	0,563	A
F 15192	60,000	2,362	130,000	5,118	12,250	0,482	A
F 15196	25,000	0,984	54,000	2,126	9,250	0,364	A
F 15198	31,750	1,250	62,000	2,441	7,938	0,313	A
HM 807046/HM 807010 BT	50,800	2,000	104,775	4,125	12,000	0,472	A
JHM 803148/JHM 803113 B	45,000	1,772	90,000	3,543	9,000	0,354	A
LM 67048/LM 67010 BA	31,750	1,250	58,877	2,318	6,833	0,269	A
N LM 67048/LM 67010 BCE	31,750	1,250	59,131	2,328	6,375	0,251	A
M 88043/M 88010 B	30,162	1,187	68,262	2,687	8,730	0,344	A

REFERENCES / REFERENCIAS	d		D		T		TYPE/ TIPO
	mm	inch	mm	inch	mm	inch	
L 29002/L 29001	77,000	3,031	128,064	5,042	37,600	1,480	B
L 29002/L 33492	77,000	3,031	127,990	5,039	30,600	1,205	B

N New reference / Nueva referencia

*Reference Change / Cambio de Referencia: F15026/JL 68111Z → F 15026



REFERENCES / REFERENCIAS	d		D		B		C		C1		T	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
U 298/U 261 L	34,987	1,377	64,975	2,558	20,600	0,811	14,000	0,551	17,000	0,669	18,100	0,713
U 298/U 261 L + COLLAR	34,987	1,377	64,975	2,558	20,600	0,811	14,000	0,551	17,000	0,669	18,100	0,713
U 399/U 360 L	39,688	1,563	73,025	2,875	22,098	0,870	15,265	0,601	18,500	0,728	19,395	0,764
U 399/U 360 L + COLLAR	39,688	1,563	73,025	2,875	22,098	0,870	15,265	0,601	18,500	0,728	19,395	0,764
U 399/U 365 L	39,688	1,563	79,967	3,148	22,098	0,870	15,265	0,601	20,091	0,791	19,395	0,764
U 399/U 365 L + COLLAR	39,688	1,563	79,967	3,148	22,098	0,870	15,265	0,601	20,091	0,791	19,395	0,764
U 497/U 460 L	44,987	1,772	79,975	3,149	26,000	1,024	18,400	0,724	22,000	0,866	24,000	0,945
U 497/U 460 L + COLLAR	44,987	1,771	79,975	3,149	26,000	1,024	18,400	0,724	22,000	0,866	24,000	0,945



Fersa	TIMKEN
U 298/U 261 L	
U 298/U 261 L + COLLAR	SET 9
U 399/U 360 L	
U 399/U 360 L + COLLAR	SET 10
U 399/U 365 L	
U 399/U 365 L + COLLAR	SET 20
U 497/U 460 L	
U 497/U 460 L + COLLAR	SET 80





REFERENCES / REFERENCIAS	d		D		C		β
	mm	inch	mm	inch	mm	inch	
5 BC	28,313	1,115	—	—	—	—	25° 24'
6	—	—	44,450	1,750	9,525	0,375	—
6 CE	—	—	49,146	1,935	19,050	0,750	—
11 BC	33,297	1,311	—	—	—	—	29° 58'
13 C	—	—	49,225	1,938	11,509	0,453	—
14 XS	—	—	57,092	2,248	17,094	0,673	—
35 BC	43,655	1,719	—	—	—	—	31° 52'





REFERENCES / REFERENCIAS	d		B		EQUIVALENCES / EQUIVALENCIAS	
	mm	inch	mm	inch		
N Cone F 15084	24,000	0,945	28,500	1,122	KOYO	ST 2455
Cone F 15101	28,000	1,102	32,000	1,260	ZF	0750 117 562
Cone F 15110	32,000	1,260	29,500	1,161	TIMKEN	JXC 25662 C
Cone F 15111	55,000	2,165	29,800	1,173	KOYO	ST 4276 C / A
Cone F 15113	50,000	1,969	41,275	1,625	OEM	017 981 51 05
Cone F 15131	38,100	1,500	29,771	1,172	TIMKEN	NP 457202
Cone F 15132	45,000	1,772	30,045	1,183	TIMKEN	NP 057427
Cone F 15134	65,000	2,559	31,000	1,220	OEM	A 002 981 45 81
Cone F 15150	40,000	1,575	38,000	1,496	FAG	576503

Handwriting practice area with a pencil icon and horizontal lines.

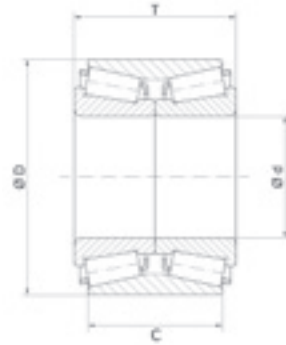
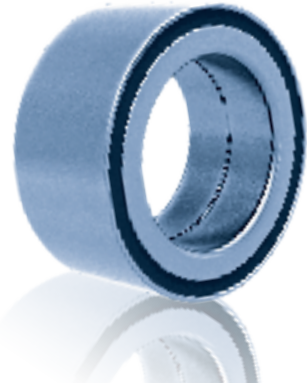
Handwriting practice area with a pencil icon and horizontal lines.

02

Double row tapered roller bearing

Rodamientos de rodillos cónicos de doble hilera





REFERENCES / REFERENCIAS	d		D		C / T	
	mm	inch	mm	inch	mm	inch
385/384 D	55,000	2,165	100,000	3,937	42,862 / 52,388	1,687 / 2,062
F 15015	41,000	1,614	68,000	2,677	35,000 / 40,000	1,377 / 1,574
F 15024	55,000	2,165	90,000	3,543	41,000 / 52,000	1,614 / 2,047
F 15030	70,000	2,756	120,000	4,724	60,000	2,362
F 15041	25,000	0,984	52,000	2,047	37,000	1,457
F 15042	25,000	0,984	52,000	2,047	43,000	1,693
F 15043	25,000	0,984	55,000	2,165	43,000	1,693
F 15044	35,000	1,378	65,000	2,559	35,000	1,378
F 15045	39,000	1,535	68,000	2,677	37,000	1,457
F 15050	25,000	0,984	52,000	2,047	37,000	1,457
N F 15062	55,000	2,165	93,000	3,661	40,000 / 51,000	1,574 / 2,007
F 15067	29,000	1,142	53,000	2,087	37,000	1,457
F 15068	49,000	1,929	84,000	3,307	48,000	1,890
F 15128	27,000	1,063	53,000	2,087	43,000	1,693
F 15129	40,000	1,575	75,000	2,953	50,000	1,969
F 15130	42,000	1,654	80,000	3,150	38,000	1,496
N F 15151	27,000	1,063	52,000	2,047	45,000 / 50,000	1,771 / 1,968
F 15160	43,000	1,693	77,000	3,031	41,500 / 45,500	1,633 / 1,791

N New reference / Nueva referencia

Fersa	CROSS REF. / CRUCES		APPLICATIONS / APLICACIONES	
			EUROPE / EUROPA	AMERICAN / AMERICANAS
385/384 D				
F 15015	NSK	41KWD01G3	SUZUKI (GRAND VITARA/ VITARA/X-90)	
F 15024	SKF FAG	331983 545958		
F 15030	FAG	547398		
F 15041	SKF SNR FAG	BT2B445539BA / VC025 FC 12025-S09 546467	CITROEN (AX/SAXO/VISA/ XSARA/ZX), PEUGEOT (106/205/306/309), RENAULT SUPER (5/9/11/19), CITROEN (SAXO/PEUGEOT 106), DACIA (LOGAN), NISSAN (MICRA/ NOTE), CITROEN (C2/C3/ PEUGEOT 1007), RENAULT (CLIO/LOGAN/MEGANE/ MODUS/THALIA/TWINGO/19/ CHAMADE)	CITROEN (AX/ZX/C3/Xsara), NISSAN (Aprio/Micra/Platina), PEUGEOT (205/206/306), RENAULT (Clio)
F 15042	SNR	FC 12180S04	RENAULT (EXPRESS/21)	
F 15043	SNR	FC 12271-S03	NISSAN (KUBISTAR), RENAULT (KANGOO/LAGUNA/ EXPRESS), MERCEDES (CLASE A)	MERCEDES BENZ (Clase A)
F 15044	TIMKEN SNR FAG	JRM 3535 A / JRM 3565 XD FC 12033S01 546238 A	RENAULT (CLIO/EXPRESS/ THALIA/TWINGO/SUPER 5/9/11/19)	
F 15045	TIMKEN	JRM 3939 / JRM 3968 XD		
F 15050	SNR	FC12784S03	RENAULT (CLIO/MEGANE/ SUPER 5/9/11/19)	
N F 15062	SKF	441442 D		
F 15067	SKF	BTH 1206 AB	FORD (FIESTA/FOCUS/ FUSION), MAZDA (2)	
F 15068	TIMKEN	JXC 25469CA / JXC 25469 DB	FORD (TRANSIT)	
F 15128	KOYO	DAC-2753	OPEL (CORSA/TIGRA)	GM (Corsa)
F 15129	NSK	40KWD02		
F 15130	NSK	42KWDD8A		
N F 15151				NISSAN (Tsuru III)
F 15160	NSK	43 KWD 07AU42CA		Toyota (05/Hilux All 2x4)

N New reference / Nueva referencia



REFERENCES / REFERENCIAS	d		D		C / T	
	mm	inch	mm	inch	mm	inch
F 15166	55,000	2,165	93,000	3,661	40,000 / 51,200	1,574 / 2,015
F 15167	49,000	1,929	84,000	3,307	43,000	1,693
F 15168	49,000	1,929	84,000	3,307	48,000	1,890
F 15173	35,000	1,378	68,000	2,677	48,000	1,890
F 15174	45,300	1,783	80,000	3,150	48,000	1,890
F 15175	25,000	0,984	55,000	2,165	45,000	1,772
F 15187	40,000	1,575	73,000	2,874	55,000	2,165



Handwriting practice area with horizontal dashed lines.

Fersa	CROSS REF. / CRUCES		APPLICATIONS / APLICACIONES	
			EUROPE / EUROPA	AMERICAN / AMERICANAS
F 15166	SKF FAG	441442 D / Q 534459		
F 15167	TIMKEN	JXC 25469 C	MERCEDES (KOMBI/CLASE E)	
F 15168	SKF	BTHB 329129 ABC	OPEL (MOVANO/RENAULT MASTER), CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	
F 15173	SNR	FC 40772 S02	NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE/TRAFFIC) RENAULT (Traffic)	
F 15174	SNR	FC 40096 S05	RENAULT (MASTER), OPEL (MOVANO)	
F 15175	SNR	FC 40858 S02	RENAULT (CLIO/MEGANE/MODUS)	RENAULT (Megane)
F 15187	SKF	BTH 1024	IVECO (DAILY I)	

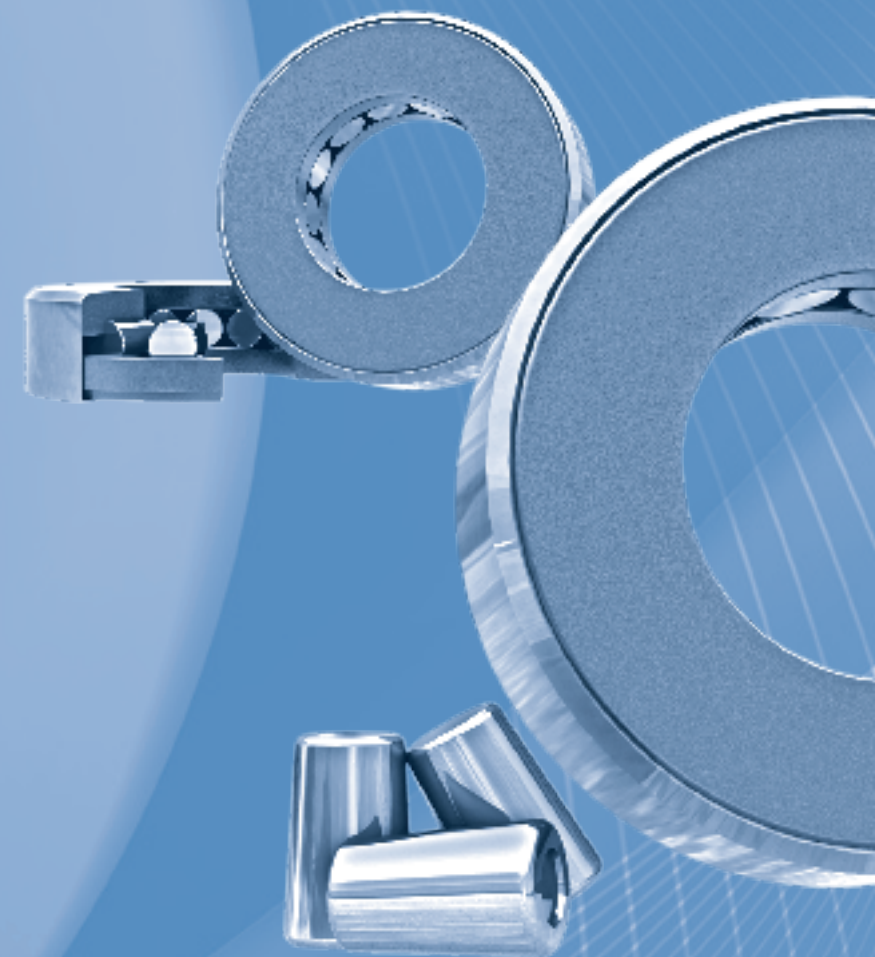


Handwriting practice area with horizontal dashed lines.

03

Thrust tapered roller bearings

Rodamientos axiales cónicos



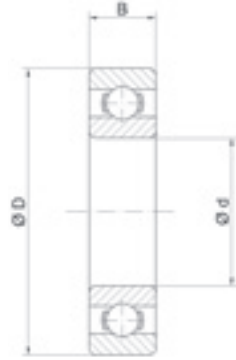
04

Deep groove ball bearings

Rodamientos radiales de bolas

04.1 Standard ball bearings / Rodamientos de bolas estándar	58
04.2 Special ball bearings / Rodamientos de bolas especiales	62



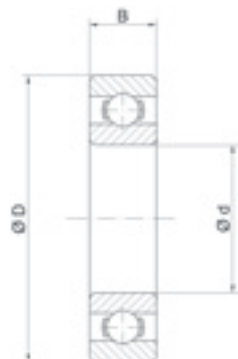


REFERENCES / REFERENCIAS	d		D		B	
	mm	inch	mm	inch	mm	inch
6000	10,000	0,394	26,000	1,024	8,000	0,315
6001	12,000	0,472	28,000	1,102	8,000	0,315
6002	15,000	0,591	32,000	1,260	9,000	0,354
6003	17,000	0,669	35,000	1,378	10,000	0,394
6004	20,000	0,787	42,000	1,654	12,000	0,472
6005	25,000	0,984	47,000	1,850	12,000	0,472
6006	30,000	1,181	55,000	2,165	13,000	0,512
N 6006/32	32,000	1,2598	55,000	2,1654	13,000	0,512
6007	35,000	1,378	62,000	2,441	14,000	0,551
6008	40,000	1,575	68,000	2,677	15,000	0,591
6009	45,000	1,772	75,000	2,953	16,000	0,630
6010	50,000	1,969	80,000	3,150	16,000	0,630
6011	55,000	2,165	90,000	3,543	18,000	0,709
6012	60,000	2,362	95,000	3,740	18,000	0,709
6013	65,000	2,559	100,000	3,937	18,000	0,709
6014	70,000	2,756	110,000	4,331	20,000	0,787
6015	75,000	2,953	115,000	4,528	20,000	0,787
6016	80,000	3,150	125,000	4,921	22,000	0,866
607	7,000	0,276	19,000	0,748	6,000	0,236
608	8,000	0,315	22,000	0,866	7,000	0,276
609	9,000	0,354	24,000	0,945	7,000	0,276
61904	20,000	0,787	37,000	1,457	9,000	0,354
61909	45,000	1,772	68,000	2,677	12,000	0,472
62/22	22,000	0,866	50,000	1,969	14,000	0,551
6200	10,000	0,394	30,000	1,181	9,000	0,354
6201	12,000	0,472	32,000	1,260	10,000	0,394
6202	15,000	0,591	35,000	1,378	11,000	0,433
6203	17,000	0,669	40,000	1,575	12,000	0,472
6203/12	12,000	0,472	40,000	1,575	12,000	0,472
6204	20,000	0,787	47,000	1,850	14,000	0,551
6205	25,000	0,984	52,000	2,047	15,000	0,591
6205 B12 D56	25,000	0,984	56,000	2,205	12,000	0,472
6206	30,000	1,181	62,000	2,441	16,000	0,630
6207	35,000	1,378	72,000	2,835	17,000	0,669

Suffixes / Sufijos

- Z** Shield at one side / Tapa en una cara
ZZ Shields at both sides / Tapas en las dos caras
RS Rubbing seal at one side / Tapa retén en una cara
2RS Rubbing seals at both sides / Tapa retén en las dos caras

REFERENCES / REFERENCIAS	d		D		B	
	mm	inch	mm	inch	mm	inch
6207/33	33,000	1,299	72,000	2,835	17,000	0,669
6208	40,000	1,575	80,000	3,150	18,000	0,709
6208 K	40,000	1,575	80,000	3,150	18,000	0,709
6209	45,000	1,772	85,000	3,346	19,000	0,748
6210	50,000	1,969	90,000	3,543	20,000	0,787
6211	55,000	2,165	100,000	3,937	21,000	0,827
6212	60,000	2,362	110,000	4,331	22,000	0,866
6213	65,000	2,559	120,000	4,724	23,000	0,906
6214	70,000	2,756	125,000	4,921	24,000	0,945
6215	75,000	2,953	130,000	5,118	25,000	0,984
6216	80,000	3,150	140,000	5,512	26,000	1,024
6217	85,000	3,346	150,000	5,906	28,000	1,102
6218	90,000	3,543	160,000	6,299	30,000	1,181
62201	12,000	0,472	32,000	1,260	14,000	0,551
62202	15,000	0,591	35,000	1,378	14,000	0,551
62204	20,000	0,787	47,000	1,850	18,000	0,709
62206	30,000	1,181	62,000	2,441	20,000	0,787
62207	35,000	1,378	72,000	2,835	23,000	0,906
62208	40,000	1,575	80,000	3,150	23,000	0,906
62304	20,000	0,787	52,000	2,047	21,000	0,827
62305	25,000	0,984	62,000	2,441	24,000	0,945
62306	30,000	1,181	72,000	2,835	27,000	1,063
626	6,000	0,236	19,000	0,748	6,000	0,236
628	8,000	0,315	24,000	0,945	8,000	0,315
629	9,000	0,354	26,000	1,024	8,000	0,315
N 63/22	22,000	0,866	56,000	2,205	16,000	0,630
N 63/28	28,000	1,102	68,000	2,677	18,000	0,709
N 63/32	32,000	1,260	75,000	2,953	20,000	0,787
6300	10,000	0,394	35,000	1,378	11,000	0,433
6301	12,000	0,472	37,000	1,457	12,000	0,472
63010	50,000	1,969	80,000	3,150	23,000	0,906
6302	15,000	0,591	42,000	1,654	13,000	0,512
6303	17,000	0,669	47,000	1,850	14,000	0,551
6303/15	15,000	0,591	47,000	1,850	14,000	0,551

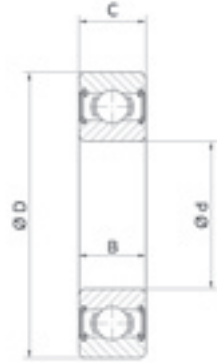
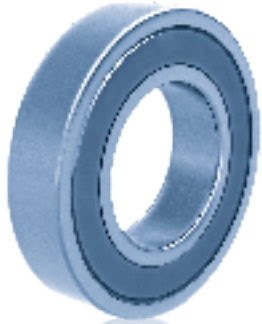


REFERENCES / REFERENCIAS	d		D		B	
	mm	inch	mm	inch	mm	inch
6304	20,000	0,787	52,000	2,047	15,000	0,591
6304 B12	20,000	0,787	52,000	2,047	12,000	0,472
6304 B12 D56	20,000	0,787	56,000	2,205	12,000	0,472
6304/17	17,000	0,669	52,000	2,047	15,000	0,591
6304/17 B16	17,000	0,669	52,000	2,047	16,000	0,630
6304/17 B17	17,000	0,669	52,000	2,047	17,000	0,669
6305	25,000	0,984	62,000	2,441	17,000	0,669
6306	30,000	1,181	72,000	2,835	19,000	0,748
6306/25	25,000	0,984	72,000	2,835	19,000	0,748
6307	35,000	1,378	80,000	3,150	21,000	0,827
6307 B23	35,000	1,378	80,000	3,150	23,000	0,906
6308	40,000	1,575	90,000	3,543	23,000	0,906
6309	45,000	1,772	100,000	3,937	25,000	0,984
6310	50,000	1,969	110,000	4,331	27,000	1,063
6311	55,000	2,165	120,000	4,724	29,000	1,142
6312	60,000	2,362	130,000	5,118	31,000	1,220
6313	65,000	2,559	140,000	5,512	33,000	1,299
6314	70,000	2,756	150,000	5,906	35,000	1,378
6315	75,000	2,953	160,000	6,299	37,000	1,457
6403	17,000	0,669	62,000	2,441	17,000	0,669
6404	20,000	0,787	72,000	2,835	19,000	0,748
6405	25,000	0,984	80,000	3,150	21,000	0,827
6406	30,000	1,181	90,000	3,543	23,000	0,906
6407	35,000	1,378	100,000	3,937	25,000	0,984
6408	40,000	1,575	110,000	4,331	27,000	1,063
6409	45,000	1,772	120,000	4,724	29,000	1,142
6410	50,000	1,969	130,000	5,118	31,000	1,220
6411	55,000	2,165	140,000	5,512	33,000	1,299
6412	60,000	2,362	150,000	5,906	35,000	1,378
6413	65,000	2,559	160,000	6,299	37,000	1,457
6414	70,000	2,756	180,000	7,087	42,000	1,654
RMS 9	28,575	1,125	71,438	2,813	20,638	0,813

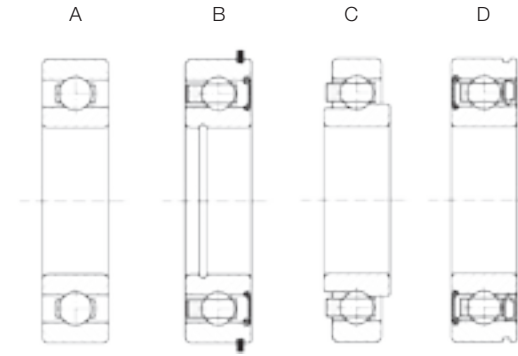
Suffixes / Sufijos

- Z** Shield at one side / Tapa en una cara
ZZ Shields at both sides / Tapas en las dos caras
RS Rubbing seal at one side / Tapa retén en una cara
2RS Rubbing seals at both sides / Tapa retén en las dos caras





Type / Tipo



REFERENCES / REFERENCIAS	d		D		C / B		TYPE / TIPO
	mm	inch	mm	inch	mm	inch	
F 18009	45,000	1,772	85,000	3,346	23,000	0,906	ESP*
F 18011	30,000	1,181	65,000	2,559	21,000	0,827	A
F 18015	15,000	0,591	35,000	1,378	13,000	0,512	A
F 18018	25,000	0,984	62,020	2,442	17,500	0,689	B
F 18019	25,000	0,984	59,000	2,323	17,500	0,689	B
F 18020	17,000	0,669	62,000	2,441	17,600 / 17,000	0,693 / 0,669	A
F 18021	28,000	1,102	66,000	2,598	18,000	0,709	B
F 18022	25,000	0,984	69,000	2,717	20,000	0,787	A
F 18023	35,000	1,378	75,000	2,953	20,000	0,787	B
F 18024	25,995	1,023	68,000	2,677	14,500 / 21,550	0,571 / 0,848	C
F 18025	35,000	1,378	67,000	2,638	21,000 / 22,500	0,826 / 0,886	D
F 18032	50,000	1,969	90,000	3,543	20,000	0,787	A
F 18033	50,000	1,969	90,000	3,543	20,000	0,787	A
F 18036	85,000	3,346	150,000	5,906	28,000	1,102	B
F 18037	85,000	3,346	160,000	6,299	33,000	1,299	B
F 18038	36,487	1,436	68,000	2,677	15,000	0,591	A
F 18039	36,513	1,438	68,000	2,677	15,000	0,591	B
F 18040	63,500	2,500	100,000	3,937	23,000	0,906	ESP*
F 18041	50,000	1,969	90,000	3,543	20,000	0,787	A
F 18042	55,000	2,165	120,000	4,724	29,000	1,142	A
F 18043	28,000	1,102	75,000	2,953	21,000	0,827	D
F 18046 2RS	12,000	0,472	32,000	1,260	10,000 / 15,350	0,393 / 0,604	ESP*
F 18046 ZZ	12,000	0,472	32,000	1,260	10,000 / 15,350	0,393 / 0,604	ESP*
F 18047	30,000	1,181	75,000	2,953	21,000	0,827	D
F 18048	32,000	1,260	80,000	3,150	23,000	0,906	D
F 18049	50,000	1,969	90,000	3,543	22,000 / 16,000	0,866 / 0,630	ESP*

Fersa	FAG	SKF	SNR	OTHERS OTROS	
F 18009	4209 BTVH	4209 ATN9 / MT33 VB2669	4209 A	IRB	IR 8566
F 18011	543909	BB1B 630374 / C4		IRB	IR 8014
F 18015					
F 18018			AB12888-S05		
F 18019			AB41386		
F 18020				NSK	B17 - 126 DDWC3
F 18021	566195				
F 18022			AB12516		
F 180W23		440682			
F 18024	536906C				
F 18025	527640 C	361984 C			
F 18032		6210ZNBR	6210NRZB	KOYO	6210NRZ
F 18033					
F 18036				KOYO	6217-3BBNCS 9
F 18037					
F 18038					
F 18039				INA	F 45385
F 18040				INA	F 113021
F 18041				NSK	BL 210 ZNR C3
F 18042	800574A			NTN	TMB 311 X13 C3
F 18043		BB1B 445924 C			
F 18046 2RS				-	S 88501
F 18046 ZZ				-	S 88501
F 18047				NTN	30 TM11NC3 UR UMMS
F 18048				NTN	32 TM11NC3 UR UMMS 806
F 18049				-	600110

*ESP For more special drawing details, contact with Fersa / Para más información técnica, contactar con Fersa.

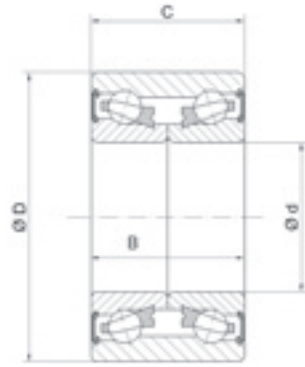
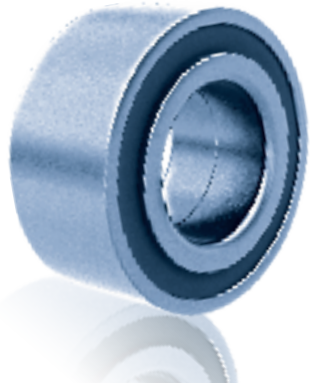
05

Angular contact ball bearings

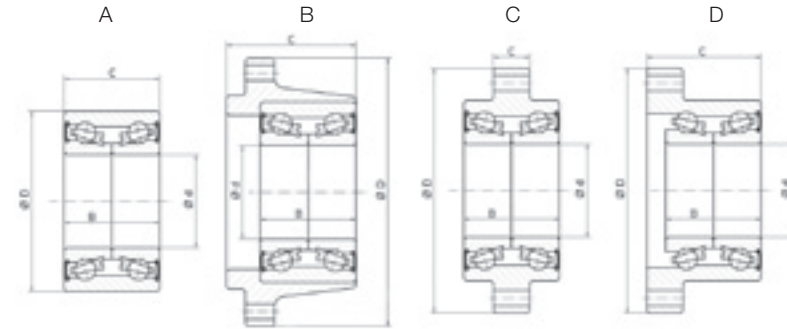
Rodamientos de bolas de contacto angular

05.1 Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular	66
05.2 Standard double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular estándar	78
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05.4 Air conditioning / Aire acondicionado	82





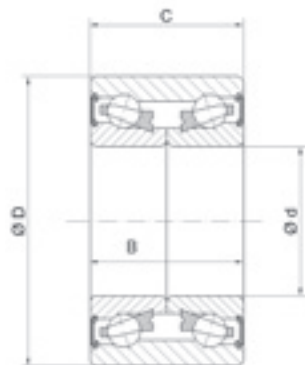
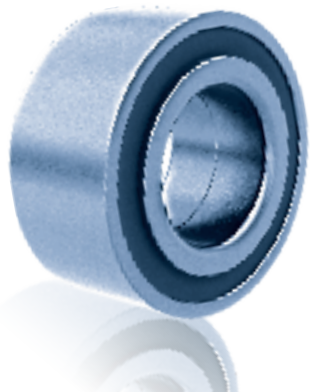
Type / Tipo



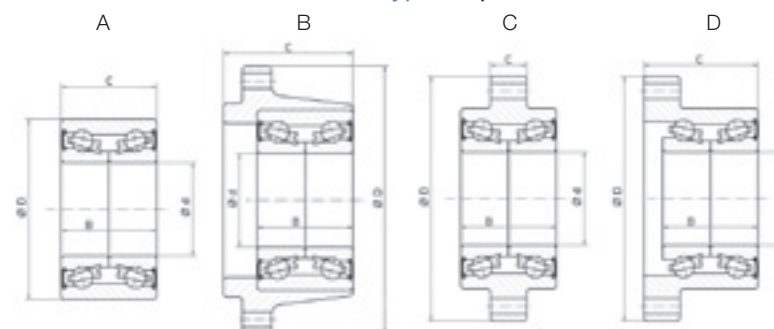
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F 16001	30,000	1,181	60,030	2,363	37,000	1,457	A
F 16002	35,000	1,378	68,000	2,677	37,000	1,457	A
F 16004	25,000	0,984	56,000	2,205	32,000	1,654	A
F 16010	30,000	1,181	117,000	4,606	61,300/37,000	2,413/1,457	B
F 16018	34,000	1,339	62,000	2,441	37,000	1,457	A
F 16019	34,000	1,339	64,000	2,520	37,000	1,457	A
F 16020	34,000	1,339	66,000	2,598	37,000	1,457	A
F 16021	35,000	1,378	65,000	2,559	35,000	1,378	A
F 16022	35,000	1,378	66,000	2,598	32,000	1,260	A
F 16023	35,000	1,378	66,000	2,598	37,000	1,457	A
F 16024	35,000	1,378	68,000	2,677	37,000	1,299	A
F 16026	35,000	1,378	72,000	2,835	33,000	1,299	A
F 16027	35,000	1,378	72,040	2,836	33,000	1,339	A

Cross References & Applications / Referencias cruzadas y Aplicaciones

Fersa	CROSS REF. / CRUCES		APPLICATIONS / APLICACIONES	
			EUROPE / EUROPA	AMERICAN / AMERICANAS
F 16001	SKF FAG IRB SNR INA	BA2B 633313 C 545312 IR 8040 GB 10790 S05 F 45721	FIAT (UNO)	
F 16002	SKF FAG IRB SNR INA	BAH 0031 567918 IR 8026 GB 10840 S04 F 45951.1	FIAT (DUNA/FIORINO)	
F 16004	SKF	BAH 5000 AA	CITROEN (AX/SAXO), PEUGEOT (106)	
F 16010	SKF IRB SNR	BAF-0013 AD IR 8505 TGB 40490	ALFA ROMEO (145/146)	
F 16018	SKF FAG IRB	BAHB 311316 B 561447 IR 8051	AUDI (50), VW (DERBY)	
F 16019	SKF FAG IRB SNR	309726 DA 532066 IR 8041 GB 10884	DAEWOO (NEXIA/CIELO)	DAEWOO (Lanos/Racer), GM (Aveo), PONTIAC (G3), VW (Atlantic/Caribe)
F 16020	SKF FAG IRB INA	BAHB 636114 A 580400 IR 8622 F 110487.1	OPEL (ASTRA/COMBO/ CORSA/KADETT/TIGRA/ VECTRA)	GM (Chevy)
F 16021	FAG IRB	546238 IR 8042		
F 16022	SKF IRB	BAH 5001 A IR 8091	CITROEN (AX/SAXO), PEUGEOT (106)	
F 16023	SKF FAG IRB SNR	BAH 0023 544307 IR 8065 GB 12136	SEAT (AROSA), VW (GOLF)	VW (Polo Classic)
F 16024	SKF FAG	BAH 0031 D 541153 A	SKODA (FAVORIT/FELICIA), VW (CADDY)	
F 16026	SKF FAG IRB SNR	BA2B 446762 B 548083 IR 8055 GB 12094 S10	CITROEN (AX/C15)	CITROEN (AX/ZX/XSARA), FIAT (Tipo)
F 16027	SKF	BAH 0013 D	FIAT (LINEA/TEMPRA)	



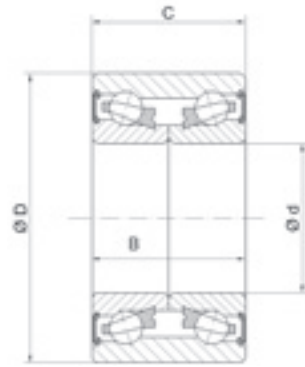
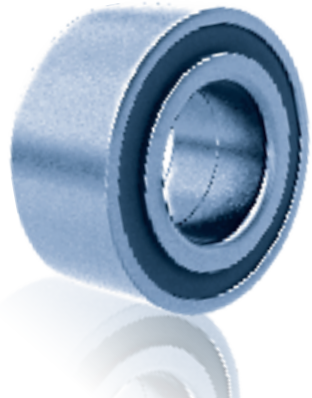
Type / Tipo



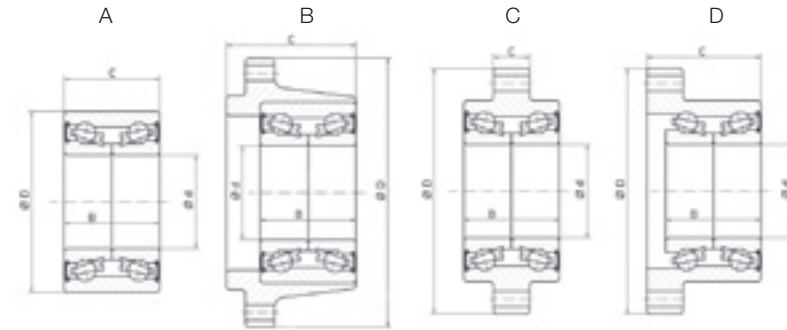
REFERENCES / REFERENCIAS	d		D		C / B		Type / Tipo
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F 16029	37,000	1,457	72,000	2,835	33,000	1,299	A
F 16030	37,000	1,457	72,000	2,835	37,000	1,457	A
F 16031	37,000	1,457	72,040	2,836	37,000	1,457	A
F 16032	37,000	1,457	74,000	2,913	45,000	1,772	A
P F 16033	37,000	1,457	139,000	5,472	64,000/45,000	2,519/1,772	D
F 16034	37,990	1,496	74,020	2,914	33,000/36,000	1,299/1,417	A
F 16035	39,000	1,535	68,000	2,677	37,000	1,457	A
F 16036	39,000	1,535	72,000	2,835	37,000	1,457	A
F 16037	39,000	1,535	74,000	2,913	39,000	1,535	A
F 16038	39,000/41,000	1,535/1,614	75,000	2,953	37,000	1,457	A
F 16039	40,000	1,575	72,000	2,835	37,000	1,457	A

Cross References & Applications / Referencias cruzadas y Aplicaciones

Fersa	CROSS REF. / CRUCES		APPLICATIONS / APLICACIONES	
			EUROPE / EUROPA	AMERICAN / AMERICANAS
F 16029	SKF IRB SNR	BAH 0051 B IR 8740 GB 40547	CITROEN (C2/C3/SAXO/ XSARA), PEUGEOT (106/206/306)	
F 16030	SKF IRB SNR INA	BAH 0094 IR 8066 GB 40706 F 113175	RENAULT (LAGUNA I/MEGANIE/ SCENIC/SAFRANE)	
F 16031	SKF FAG IRB SNR	BAH 0012 AD 562398 A IR 8088 GB 12131 S03	ALFA ROMEO (33)	
F 16032	SKF FAG IRB	309946 AC 541521 C IR 8513	BMW (518/520/524/525/530/535)	GM (Omega/Suprema)
P F 16033	SKF IRB	BAFB 447318 B IR 8591	BMW (518/520/524/525/530/535/730/735/740/750/840/850)	
F 16034	SKF FAG IRB	BAH 0041 D 574795A IR 8655	NISSAN (SUNNY/ALMERA)	NISSAN (Lucino/Sentra/Tsubame/Tsuru III)
F 16035	SKF FAG IRB INA	BAHB 311315 BD 540733 IR 8052 F 45747.2	AUDI (80/COUPE/90), VW (GOLF/JETTA/PASSAT/ SANTANA)	
F 16036	SKF SKF FAG IRB SNR SNR INA	BA2B 309639 BA / BAHB 311396 B 542186 A IR 8085 GB 41599 / GB 12776 F 45920.2	BMW (316/318/320/324/325/ M3/TOURING/CABRIO), DAEWOO (NEXIA/CIELO/ ESPERO), FORD (ESCORT/ FIESTA/FOCUS/FUSION/ PUMA/ORION), MAZDA (2)	FORD (Courier/Fiesta/Focus/ Ikon/Ka), VW (Crossfox/Gol/Lupo/Pointer/ Saveiro/Van)
F 16037	SKF FAG IRB	BAHB 636096 A 579557 IR 8603	OPEL (ASTRA/CALIBRA/ OMEGA/VECTRA)	GM (Optra)
F 16038	SKF FAG IRB SNR	BAHB 633815 AA 567447 B IR 8530 GB 12399S01	AUDI (A4/A6/80/CABRIO/ COUPE 90), VW (PASSAT/SANTANA), SKODA (SUPERB)	AUDI (A4), VW (Passat)
F 16039	SKF FAG IRB SNR	BAHB 311443 B 566719 IR 8095 GB 12320S02	SEAT (CORDOBA/TOLEDO), VW (CORRADO/GOLF/ PASSAT)	SEAT (Cordoba/Inca/Ibiza/ Toledo), VW (Cabrio/Caddy/ Corrado/Derby/Golf/Jetta/Passat/ Passat 2.8 VR8/Polo Classic/ Vento)



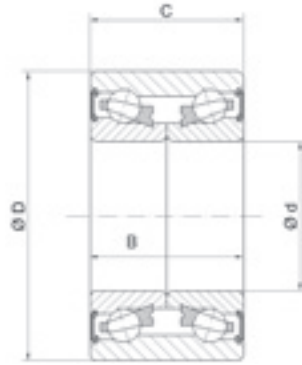
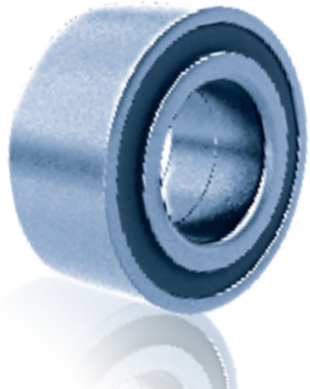
Type / Tipo



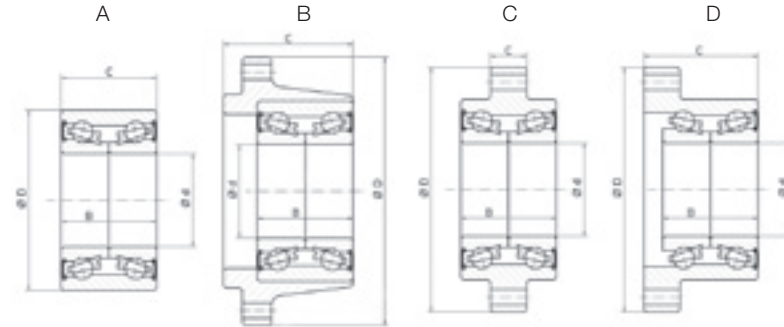
REFERENCES / REFERENCIAS	d		D		C / B		Type / Tipo
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F 16040	40,000	1,575	74,000	2,913	40,000	1,575	A
F 16041	40,000	1,575	76,040	2,994	38,000/41,000	1,496/1,614	A
F 16042	40,000	1,575	80,000	3,150	30,200	1,189	A
F 16043	40,000	1,575	80,000	3,150	38,100	1,500	A
F 16044	39,980	1,574	108,000	4,252	17,000/32,000	0,669/1,260	C
F 16045	42,000	1,654	75,000	2,953	37,000	1,563	A
F 16046	42,000	1,654	75,000	2,953	37,000	1,457	A
F 16048	42,000	1,654	82,000	3,228	36,000	1,417	A
F 16051	42,000	1,654	84,000	3,307	39,000	1,535	A
F 16052	43,000	1,693	79,000	3,110	38,000/41,000	1,496/1,614	A
F 16054	43,000/45,000	1,693/1,772	82,000	3,228	37,000	1,457	A
F 16055	40,000	1,575	75,000	2,953	37,000	1,457	A
F 16056	44,000	1,732	82,500	3,248	37,000	1,457	A

Cross References & Applications / Referencias cruzadas y Aplicaciones

Fersa	CROSS REF. / CRUCES		APPLICATIONS / APLICACIONES	
	EUROPE / EUROPA	AMERICAN / AMERICANAS	EUROPE / EUROPA	AMERICAN / AMERICANAS
F 16040	SKF FAG IRB	BAH 0049 C 801136 IR 8668	AUDI (A3/TT), SEAT (LEON/TOLEDO), SKODA (OCTAVIA/ROOMSTER), VW (BORA/GOLF/NEW BEETLE)	AUDI (A3/S3/TT), SEAT (Toledo II), SKODA (Octavia), VW (Bora/Golf IV/Jetta/New Beetle)
F 16041	IRB NSK	IR 8583 40BWD05CA60	HONDA (ACCORD), MG (ZR), ROVER (25/200/400/CABRIO/COUPE)	
F 16042	FAG IRB SNR	565636 IR 8006 Y44FB.10394 S02	PEUGEOT (204/304/305)	
F 16043	SNR	GB 10800	TALBOT (HORIZON/1300)	
F 16044	IRB SNR	IR 8048 TGB 10872 S02	RENAULT (SPACE)	
F 16045	SKF SNR	BAHB 311424 B GB 12010		
F 16046	FAG IRB	545495 IR 8509	ALFA ROMEO (75/90/GTV), BMW (316/318/320/324/325/M3/TOURING/CABRIO/Z1/Z4)	
F 16048	SKF FAG IRB SNR	BAH 0171 561481 IR 8086 GB 12163 S04	CITROEN (BERLINGO)	
F 16051	SKF FAG IRB SNR SNR	BAH 0177 543359 B IR 8101 GB 40549 / GB 10702 S03	RENAULT (20/30/TRAFFIC)	
F 16052	SNR NSK NATIONAL	GB 41999 43BWD08CA103 510030	MG (ZS), ROVER (45/400)	
F 16054	SKF IRB	BAH 0011 AB IR 8737	AUDI (A4/A8/ALLROAD/V8/A8/COUPE/CABRIO/80/100/200), SKODA (SUPERB), VW (PASSAT)	AUDI (A4), VW (Passat)
F 16055	SKF IRB	BAHB 633966 BB IR 8593	FORD (COUGAR/MONDEO)	
F 16056	SKF IRB SNR	BAH 0174 IR 8618 GB 40246 S02	CITROEN (EVASION/JUMPY), FIAT (SCUDO/ULYSSE), LANCIA (ZETA), PEUGEOT (806/EXPERT)	



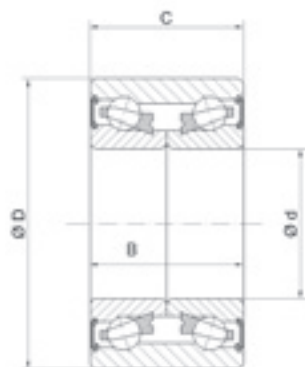
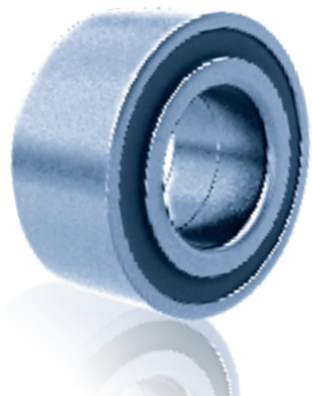
Type / Tipo



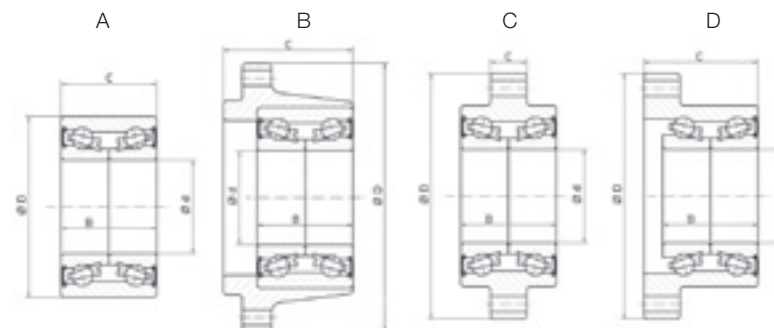
REFERENCES / REFERENCIAS	d		D		C / B		Type / Tipo
	mm	inch	mm	inch	mm	inch	
F 16057	38,100	1,500	70,000	2,756	37,000	1,457	A
F 16058	38,000	1,496	74,000	2,913	50,000	1,969	A
F 16059	45,000	1,772	84,000	3,307	39,000	1,535	A
F 16063	45,000	1,772	85,000	3,346	30,200	1,189	A
F 16066	40,000	1,575	84,020	3,307	38,000	1,339	A
F 16068	38,000	1,496	72,020	2,835	33,000/36,000	1,299/1,417	A
F 16074	42,000	1,654	80,030	3,151	42,000	1,654	A
F 16076	51,000	2,008	91,000	3,583	44,000	1,732	A
F 16077	28,000	1,102	61,000	2,402	42,000	1,654	A
F 16078	43,000	1,693	82,000	3,228	45,000	1,772	A
F 16079	40,000	1,575	74,000	2,913	42,000	1,654	A
F 16080	40,000	1,575	74,000	2,913	36,000	1,417	A
F 16081	42,000	1,654	76,000	2,992	35,000/38,000	1,378/1,496	A
F 16082	45,000	1,772	84,000	3,307	39,000	1,535	A
F 16083	34,000	1,339	67,000	2,638	37,000	1,457	A
F 16084	44,990	1,771	84,070	3,310	39,000	1,535	A
F 16085	45,000	1,772	80,000	3,150	45,000	1,772	A
F 16086	43,000	1,693	80,000	3,150	38,000	1,496	A
F 16088	42,000	1,654	80,000	3,150	45,000	1,457	A
F 16089	40,000	1,575	74,000	2,913	40,000	1,339	A

Cross References & Applications / Referencias cruzadas y Aplicaciones

Fersa	CROSS REF. / CRUCES		APPLICATIONS / APLICACIONES	
			EUROPE / EUROPA	AMERICAN / AMERICANAS
F 16057	SKF FAG	BAHB 636193 C 805921	HYUNDAI (ACCENT/ATOS/ COUPE/GETZ LANTRA), KIA (RIO)	DODGE (Attos/Attitude), PEUGEOT (Grand Raid/Partner)
F 16058	NSK NATIONAL	38BWD06D-A-CA-01 510008	NISSAN (SUNNY)	NISSAN (Hikari/Tsuru II)
F 16059	SKF SKF	BAHB 636149 BC / BAHB 636149 D	MERCEDES (124/190/CLASE C/CLK /CLASE E/CLASE V/ VITO/SL/SLK)	CHRYSLER (Crossfire)
F 16063	IRB	IR 8597	FORD (TRANSIT)	
F 16066	SNR	GB 40250 S01	RENAULT (LAGUN/ MEGANE/SAFRANE)	
F 16068	KOYO	DAC 3872W-8CS81	TOYOTA (COROLLA)	
F 16074	SKF IRB	BA2B 309609 AD IR 8515		
F 16076	KOYO	DAC 590034		
F 16077	KOYO	DAC 286142 AW		
F 16078	KOYO NSK	DAC 43820045 43 BWD 06		
F 16079	KOYO NSK	DAC 40740042 B 40 BWD 12		
F 16080	KOYO NSK	DAC 40440036 40 BWD 15 A		
F 16081	IRB NSK	IR 8650 40 BWD 06	NISSAN (PRIMERA/PRAIRIE/ MAXIMA)	
F 16082	TKR	8572		
F 16083	FAG	803775	OPEL (COMBO/CORSA/ MERIVA/TIGRA)	GM (Corsa/Corsa Novo/Meriva/ Montana/Tornado)
F 16084	FAG	547103 E		
F 16085	NSK FAG NATIONAL	42BWD06CA98 564725 AB 510051	VW (TRANSPORTER)	
F 16086	FAG	579943	FORD (GALAXY), SEAT (ALHAMBRA), VW (SHARAN)	
F 16088	SKF FAG SNR	BAH 0028 AA 579943 B GB 35457	KIA (CARENS/SHUMA/ SEPHIA), MAZDA (323/626/6/MVP/MX-5/MX-6/ XEDOS 6/XEDOS 9)	FORD (Fusion/LINCOLN/MKX), MAZDA (3/5/6)
F 16089	SKF	BAH 0049	KIA (SHUMA/SEPHIA), MAZDA (323/MX-5/MX-6)	



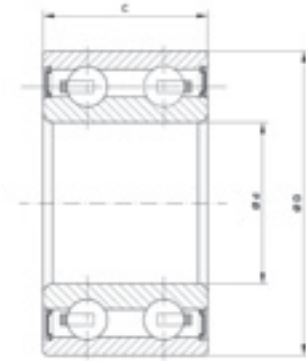
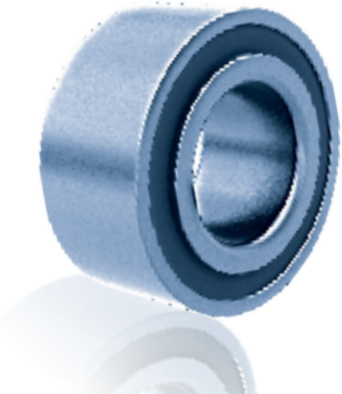
Type / Tipo



REFERENCES / REFERENCIAS	d		D		C / B		Type / Tipo
	mm	inch	mm	inch	mm	inch	
F 16090	40,000	1,575	80,000	3,150	34,000/36,000	1,299/1,417	A
N F 16091	40,000	1,575	74,000	2,913	34,000/36,000	1,535/1,417	A
F 16093	35,000	1,378	66,000	2,598	33,000	1,457	A
F 16094	27,000	1,063	134,000	5,276	67,600/50,000	2,661/1,969	D
F 16095	28,000	1,102	119,000	4,685	52,000/42,000	2,047/1,654	D
F 16107	42,000	1,654	80,000	3,150	37,000	1,457	A
A F 16108	40,000	1,575	84,060	3,309	39,700/38,800	1,563/1,528	A
F 16109	49,000	1,929	88,000	3,465	46,000	1,811	A
A F 16110	39,000	1,535	72,000	2,835	37,000	1,969	A
F 16117	38,000	1,496	73,000	2,874	40,000	1,575	A
F 16118	43,000/45,000	1,693/1,772	85,000	3,346	37,000	1,457	A
F 16121	45,000	1,772	88,020	3,465	39,000	1,535	A
F 16123	45,000	1,772	86,000	3,386	39,000	1,535	A
F 16124	38,000	1,496	72,000	2,835	40,000	1,299	A
A F 16128	45,000	1,772	86,000	3,386	39,000	1,535	A
F 16129	25,000	0,984	52,000	2,047	42,000	1,654	A
F 16193	43,000	1,693	78,000	3,071	44,000	1,732	A
N F 16194	42,000	1,654	76,000	2,992	39,000	1,535	A

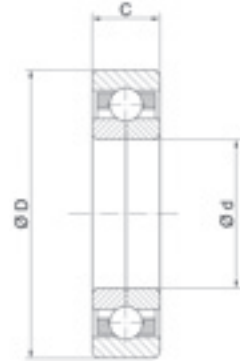
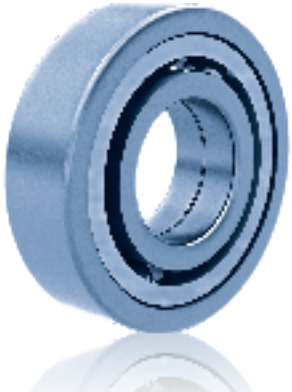
Cross References & Applications / Referencias cruzadas y Aplicaciones

Fersa	CROSS REF. / CRUCES		APPLICATIONS / APLICACIONES	
	EUROPE / EUROPA	AMERICAN / AMERICANAS		
F 16090	SKF	BAHB 636187 A	HYUNDAI (SONATA), MITSUBISHI (GALANT/ECLIPSE/SPACE/WAGON/SPACE/RUNNER)	
N F 16091	KOYO	DAC 40740034 / 36	MITSUBISHI (CARISMA/COLT/LANCER MONTERO)	
F 16093	SKF SNR	BAH 0015 E GB 12306S02	FIAT (PANDA/PUNTO/SEICENTO/TIPO CINQUECENTO)	
F 16094	NSK	27 BWK 04D3		
F 16095	NSK	28 BWK 12		
F 16107	SKF SNR	BAH 0004 AA GB 12955S04	ALFA ROMEO (145/146/155/164/GTV/SPIDER), FIAT (BRAVO/COUPE/CROMA/MAREA), LANCIA (DELTA/KAPPA/THEMA)	
A F 16108	SNR	XGB 40492 S01 P	RENAULT (LAGUNA)	
F 16109	SNR NSK	GB 40279S01 49BWD01BCA116**	MERCEDES (CLASE M)	
A F 16110	SKF SNR	BAH 0106 D XGB 35447	FORD (FIESTA/FUSION/FOCUS)	VW (Saveiro)
F 16117	DE NATIONAL	08A48LLCS46PX1 / L260 510015	HONDA (CIVIC IV-V/CR-V/LOGO)	
F 16118	SKF	BAHB 636214 A	AUDI (A4/A8)	
F 16121	SNR	IRB GB 40300	RENAULT (AVANTTIME/ESPACE III)	
F 16123	SNR	GB 40575 S02	NISSAN (PRIMASTAR/OPEL VIVARO)	
F 16124	SNR NSK	GB 35275 NAC.38BVV07-10G	HONDA (CIVIC I-II-III/ROVER 200)	
A F 16128	SNR	XGB 40575 S02 P	NISSAN (PRIMASTAR); OPEL (VIVARO); RENAULT (SPACE)	
F 16129	SNR NSK	GB 35098 AU 0501 NTN	OPEL (AGILA)	
F 16193				
N F 16194	NSK NATIONAL	27 BWK 04D3 513058		CHRYSLER (PETIT CRUISER), FORD (COUGAR/Taurus/Thunderbird)



REFERENCES / REFERENCIAS	d		D		C	
	mm	inch	mm	inch	mm	inch
N 3206 B 2RS/C3	30,000	1,181	62,000	2,441	23,800	0,937
N 3207 B 2RS/C3	35,000	1,378	72,000	2,835	27,000	1,063
N 3208 B 2RS/C3	40,000	1,575	80,000	3,150	30,200	1,189
N 3307 B 2RS/C3	35,000	1,378	80,000	3,150	34,900	1,374
N 3210 B 2RS/C3	50,000	1,969	90,000	3,543	30,200	1,189
N 3212 B 2RS/C3	60,000	2,362	110,000	4,331	36,500	1,437

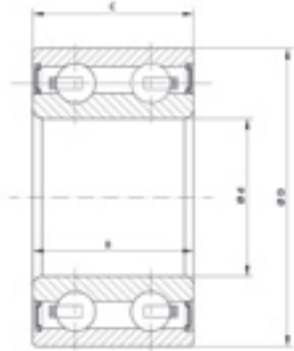
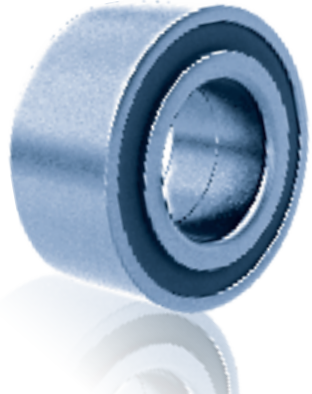




REFERENCES / REFERENCIAS	d		D		C	
	mm	inch	mm	inch	mm	inch
QJ 208 FM	40,000	1,575	80,000	3,150	18,000	0,709
QJ 208 FM/C3	40,000	1,575	80,000	3,150	18,000	0,709
QJ 209 FM	45,000	1,772	85,000	3,346	19,000	0,748
QJ 209 FM/C3	45,000	1,772	85,000	3,346	19,000	0,748
QJ 211 FM	55,000	2,165	100,000	3,937	21,000	0,827
QJ 211 FM/C3	55,000	2,165	100,000	3,937	21,000	0,827
QJ 212 FM	60,000	2,362	110,000	4,331	22,000	0,866
QJ 212 FM/C3	60,000	2,362	110,000	4,331	22,000	0,866
QJ 309 FM	45,000	1,772	100,000	3,937	25,000	0,984
QJ 309 FM/C3	45,000	1,772	100,000	3,937	25,000	0,984

Handwriting practice lines on page 82, including a pencil icon at the top left.

Handwriting practice lines on page 83, including a pencil icon at the top left.



REFERENCES / REFERENCIAS	d		D		C / B	
	mm	inch	mm	inch	mm	inch
F 16097	30,000	1,181	52,000	2,047	22,000	0,866
F 16098	30,000	1,181	55,000	2,165	23,000	0,906
F 16099	35,000	1,378	50,000	1,969	20,000	0,787
F 16100	35,000	1,378	55,000	2,165	20,000	0,787
F 16101	35,000	1,378	52,000	2,047	22,000	0,866
F 16102	40,000	1,575	62,000	2,441	24,000	0,945
F 16103	40,000	1,575	62,000	2,441	20,625	0,812
F 16104	30,000	1,181	62,000	2,441	27,000	1,063
F 16189	40,000	1,575	57,000	2,244	24,000	0,945
F 16190	40,000	1,575	62,000	2,441	20,600/24,000	0,811/0,940



Fersa	NACHI	NSK	KOYO	NTN
F 16097	30 BG 05S 2G - 2DS	30 BD 5222 FX	DAC 3052- 32 RR9 DS 10Z	
F 16098	30 BG 05S 5G - 2DS	30 BD 40 A - T1Z DDF1	30 BG 05 S5G - 2DST2	
F 16099	35 BG 05S 7G - 2DS	35 BD 5020 DUK		
F 16100	35 BG 05S 10G - 2DL	35 BD 219T - 1Z DDU K8	DAC 3555 RD 3H - 83 A 694	30 BG 04 S15G - 2DST
F 16101	35 BG 52 22 - 2DS	35 BD 52 22 DF X7		
F 16102	40 BG S1 1G - 2DS	DF 0865	83 A 5518	40 BD 219T 12 DDU
F 16103	40 BG 620 20 - 2DL	40 BD 49V		
F 16104	30 BG S 12G - 2DS		BD 30 - 11 A	5206 #37
F 16189	40 BG 05S 2G - 2DS	40 BD 45 T12 DDU	40 BD 45 T12	2TS2 - DF 0882 LL BCS
F 16190	40 BG S 12G - 2DS	40 BD 49 AWT12 DDU	40 BD 49 AW	5908 - 2RSWE



06

Thrust ball bearings

Rodamientos axiales de bolas

06.1 Thrust ball bearings / Rodamientos axiales de bolas	86
06.2 Clutch release bearing / Rodamientos de embrague	88



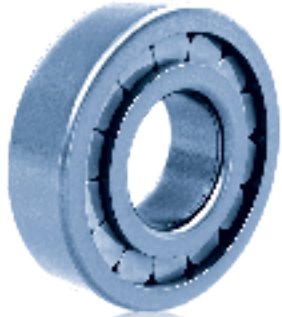
07

Cylindrical roller bearings

Rodamientos cilíndricos

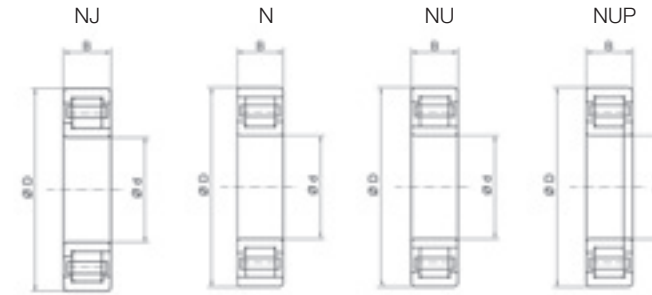
07.1 Standard cylindrical bearings / Rodamientos cilíndricos estándar	92
07.2 Special cylindrical bearings / Rodamientos cilíndricos especiales	94





REFERENCES / REFERENCIAS	d		D		B	
	mm	inch	mm	inch	mm	inch
N 206 FM	30,000	1,181	62,000	2,441	16,000	0,630
N 211 FMNR/C4	55,000	2,165	100,000	3,937	21,000	0,827
N 307 FM	35,000	1,378	80,000	3,150	21,000	0,827
NJ 1014	70,000	2,756	110,000	4,331	20,000	0,787
NJ 1024 FM	120,000	4,724	180,000	7,087	28,000	1,102
NJ 210 FM	50,000	1,969	90,000	3,543	20,000	0,787
NJ 210 FM/C3	50,000	1,969	90,000	3,543	20,000	0,787
NJ 215 F/C3	75,000	2,953	130,000	5,118	25,000	0,984
NJ 215 FP/C3	75,000	2,953	130,000	5,118	25,000	0,984
NJ 2205 FM/C3	25,000	0,984	52,000	2,047	18,000	0,709
NJ 305 F	25,000	0,984	62,000	2,441	17,000	0,669
NJ 306 FM	30,000	1,181	72,000	2,835	19,000	0,748
NJ 307 F	35,000	1,378	80,000	3,150	21,000	0,827
NJ 308 FM	40,000	1,575	90,000	3,543	23,000	0,906
NJ 309 FM	45,000	1,772	100,000	3,937	25,000	0,984
NJ 310 FM	50,000	1,969	110,000	4,331	27,000	1,063
NJ 405 F	25,000	0,984	80,000	3,150	21,000	0,827
NJ 406 FM/C3	30,000	1,181	90,000	3,543	23,000	0,906
NU 1008 FM	40,000	1,575	68,000	2,677	15,000	0,591
NU 1011 FM	55,000	2,165	90,000	3,543	18,000	0,709
NU 202 FM/C3	15,000	0,591	35,000	1,378	11,000	0,433
NU 206 FM	30,000	1,181	62,000	2,441	16,000	0,630
NU 208 FMN	40,000	1,575	80,000	3,150	18,000	0,709
NU 208 FMN/C3	40,000	1,575	80,000	3,150	18,000	0,709
NU 209 FM	45,000	1,772	85,000	3,346	19,000	0,748
NU 209 FMN	45,000	1,772	85,000	3,346	19,000	0,748
NU 209 FMN/C3	45,000	1,772	85,000	3,346	19,000	0,748
NU 2207 FM	35,000	1,378	72,000	2,835	23,000	0,906
NU 2215 FM	75,000	2,953	130,000	5,118	31,000	1,220
NU 2216 FM	80,000	3,150	140,000	5,512	33,000	1,299
NU 2306 F	30,000	1,181	72,000	2,835	27,000	1,063
NU 2306 F/C3	30,000	1,181	72,000	2,835	27,000	1,063
NU 2306 FM/C3	30,000	1,181	72,000	2,835	27,000	1,063
NU 2307 F	35,000	1,378	80,000	3,150	31,000	1,220

Type / Tipo



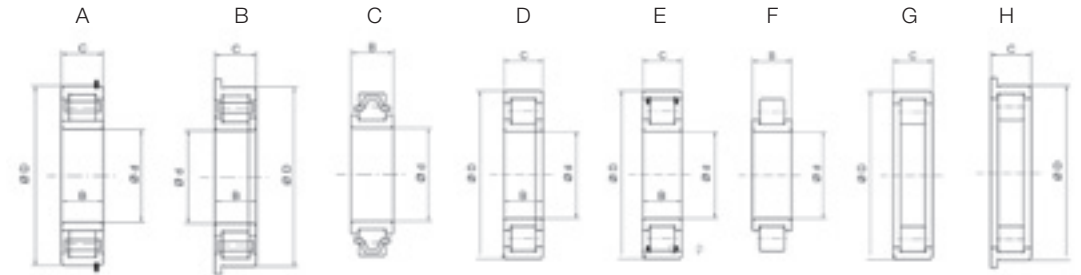
Suffixes / Sufijos

- M** Machined brass cage / Jaula de latón
N Snap ring groove in outer ring / Ranura y anillo elástico en aro exterior
NR Snap ring groove and snap ring in outer ring / Ranura y anillo elástico y arandela de seguridad en aro exterior
C3 Internal clearance greater than normal / Juego radial mayor que el normal

REFERENCES / REFERENCIAS	d		D		B	
	mm	inch	mm	inch	mm	inch
NU 2307 F/C3	35,000	1,378	80,000	3,150	31,000	1,220
NU 2307 FM/C3	35,000	1,378	80,000	3,150	31,000	1,220
NU 307 F	35,000	1,378	80,000	3,150	21,000	0,827
NU 308 FM	40,000	1,575	90,000	3,543	23,000	0,906
NU 309 FM	45,000	1,772	100,000	3,937	25,000	0,984
NU 309 FMN	45,000	1,772	100,000	3,937	25,000	0,984
NU 309 FMNR/C3	45,000	1,772	100,000	3,937	25,000	0,984
NU 310 F	50,000	1,969	110,000	4,331	27,000	1,063
NU 310 FM	50,000	1,969	110,000	4,331	27,000	1,063
NU 310 FM/C3	50,000	1,969	110,000	4,331	27,000	1,063
NU 310 FMN/C3	50,000	1,969	110,000	4,331	27,000	1,063
NUP 206 FM	30,000	1,181	62,000	2,441	16,000	0,630
NUP 209 FM	45,000	1,772	85,000	3,346	19,000	0,748
NUP 211 FM/C3	55,000	2,165	100,000	3,937	21,000	0,827
NUP 212 FM	60,000	2,362	110,000	4,331	22,000	0,866
NUP 213 FPNR/C3	65,000	2,559	120,000	4,724	23,000	0,906
NUP 2205 FM/C3	25,000	0,984	52,000	2,047	18,000	0,709
NUP 2212 FM/C3	60,000	2,362	110,000	4,331	28,000	1,102
NUP 2212 FMNR/C3	60,000	2,362	110,000	4,331	28,000	1,102
NUP 304 FM/C3	20,000	0,787	52,000	2,047	15,000	0,591
NUP 308 FM	40,000	1,575	90,000	3,543	23,000	0,906
NUP 308 FM/C3	40,000	1,575	90,000	3,543	23,000	0,906
NUP 308 FMNR/C3	40,000	1,575	90,000	3,543	23,000	0,906
NUP 309 FM	45,000	1,772	100,000	3,937	25,000	0,984
NUP 309 FM/C3	45,000	1,772	100,000	3,937	25,000	0,984
NUP 309 FMN	45,000	1,772	100,000	3,937	25,000	0,984
NUP 309 FMN/C3	45,000	1,772	100,000	3,937	25,000	0,984
NUP 310 FM/C3	50,000	1,969	110,000	4,331	27,000	1,063
NUP 310 FNR/C3	50,000	1,969	110,000	4,331	27,000	1,063
NUP 311 FMNR/C3	55,000	2,165	120,000	4,724	29,000	1,142
NUP 312 FMNR/C3	60,000	2,362	130,000	5,118	31,000	1,220
NUP 314 FM/C3	70,000	2,756	150,000	5,906	35,000	1,378
NUP 314 FMNR/C3	70,000	2,756	150,000	5,906	35,000	1,378

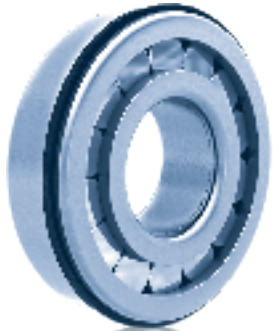


Type / Tipo



REFERENCES / REFERENCIAS	d		D		C / B		TYPE / TIPO
	mm	inch	mm	inch	mm	inch	
F 19001	45,000	1,772	100,000	3,937	36,000	1,417	D
F 19002	45,000	1,772	100,000	3,937	25,000	0,984	D
F 19003	45,000	1,772	100,000	3,937	25,000	0,984	D
F 19004	25,000	0,984	52,000	2,047	18,000 / 20,600	0,709 / 0,811	D
F 19005	---	---	54,600	2,150	22,000	0,866	G
F 19006	40,000	1,575	90,000	3,543	23,000	0,906	D
F 19008	80,000	3,150	150,000	5,906	27,500 / 28,000	1,083 / 1,102	B
F 19009	60,000	2,362	130,000	5,118	31,000	1,220	B
F 19010	65,000	2,559	140,000	5,512	33,350	1,313	B
F 19011	60,000	2,362	110,000	4,331	22,000	0,866	B
F 19012	35,000	1,378	80,000	3,150	23,000	0,906	A
F 19013	40,000	1,575	90,000	3,543	27,000 / 24,900	1,063 / 0,980	D
F 19014	38,000	1,496	90,000	3,543	23,000 / 22,000	0,906 / 0,866	D
F 19015	45,000	1,772	95,000	3,740	28,000 / 32,000	1,102 / 1,259	A
F 19016	63,000	2,480	---	---	34,800	1,370	C
N F 19017	25,500	1,0039	---	---	19,000	0,748	C
F 19018	---	---	150,000	5,906	28,000	1,102	H
F 19019	30,000	1,181	---	---	26,000	1,024	C
F 19020	35,000	1,378	80,000	3,150	22,000	0,866	D
F 19022	84,980	3,346	150,000	5,906	27,500 / 28,000	1,083 / 1,102	B
F 19023	25,000	0,984	52,000	2,047	18,000	0,709	D
N F 19024	30,000	1,1811	59,000	2,3228	13,000 / 15,000	0,511 / 0,590	A
F 19025	30,000	1,181	62,000	2,441	20,000	0,787	E
F 19026	50,000	1,969	90,000	3,543	23,000	0,906	E
F 19029	25,000	0,984	52,000	2,047	21,000	0,827	A
F 19030	49,930	1,966	80,000	3,150	15,000	0,591	E
F 19031	30,000	1,181	61,935	2,438	19,050	0,750	E
N F 19032	24,000	0,9449	---	---	17,000	0,6693	F
F 19033	40,000	1,575	90,000	3,543	25,000	0,984	E
F 19034	40,000	1,575	90,000	3,543	23,000	0,906	E
F 19035	35,000	1,378	72,000	2,835	20,600	0,811	E
F 19037	35,000	1,378	---	---	25,000	0,984	C
F 19038	63,000	2,480	---	---	37,500	1,476	C
F 19039	80,000	3,150	140,000	5,512	33,500	1,319	B

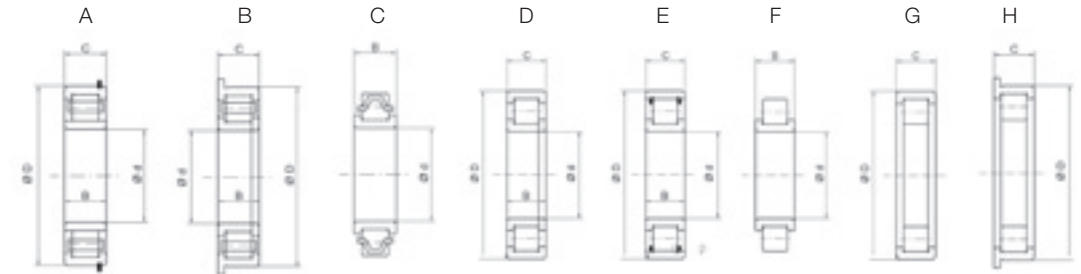
Fersa	SKF	FAG	INA	OTHERS / OTROS	
F 19001		805262			
F 19002	NJ 309 VHNRC4				
F 19003	NUP 309 NR.C4				
F 19004	NUPK 2205 S13				
F 19005					
F 19006	NJ 308 VH.NR.C4				
F 19008	BC1B 319552	566616 B			
F 19009	635245	540106			
F 19010		805449			
F 19011	315070 B	512099 TVP2			
F 19012		510148 A			
F 19013			F210540		
F 19014	BC1B 246747				
F 19015	314984		F 45814		
F 19016			F 90836.1A		
N F 19017					
F 19018		524213			
F 19019		512533	315145		
F 19020			F-45864.1		
F 19022					
F 19023	NUPK 2205 S1 NR				
N F 19024					
F 19025	2206 VF 153B				
F 19026	N 2210 W				
F 19029	BC1B 635251				
F 19030					
F 19031					
N F 19032				TORRINGTON	544740 B
F 19033				TORRINGTON	RU 9008 UM
F 19034				TORRINGTON	MU 1308 UM
F 19035				TORRINGTON	RU 1570 UM
F 19037			F 88545		
F 19038			F 88816.2		
F 19039	BC1B 312219	805450			



REFERENCES / REFERENCIAS	d		D		C / B		TYPE / TIPO
	mm	inch	mm	inch	mm	inch	
F 19042	60,000	2,362	110,000	4,331	28,000	1,102	A
F 19043	34,993	1,378	80,000	3,150	23,000	0,906	A
F 19044	45,000	1,772	100,000	3,937	25,000	0,984	A
F 19045	30,000	1,181	61,935	2,4384	23,813	0,9375	E
F 19046	50,000	1,969	100,000	3,937	25,000	0,984	B
F 19047	60,000	2,362	116,000	4,567	28,000	1,102	B
N F 19048	36,000	1,4173	---	---	20,000	0,7874	F
F 19055	15,875	0,625	47,000	1,850	14,000	0,551	A
F 19061	67,000	2,638	---	---	32,000	1,260	C
F 19062	67,000	2,638	---	---	38,000	1,496	C
F 19063	45,000	1,772	100,000	3,937	31,000	1,220	E
F 19064	65,000	2,559	140,000	5,512	33,000	1,299	B
F 19065	40,000	1,575	---	---	29,000	1,142	C
F 19066	35,000	1,378	62,000	2,441	16,700/19,000	0,657/0,748	A
F 19067	38,000	1,496	83,000	3,268	25,400	1,000	E
F 19068	---	---	62,000	2,441	16,000	0,630	G
F 19069	---	---	80,000	3,150	26,500	1,043	G
F 19070	50,000	1,969	110,000	4,331	32,300/27,000	1,271/1,063	A
F 19071	50,000	1,969	110,000	4,331	32,300/27,000	1,271/1,063	A
F 19075	30,000	1,181	---	---	23,000	0,906	C
F 19076	38,000	1,496	94,000	3,701	33,000/31,500	1,299/1,240	D
F 19077	35,000	1,378	80,000	3,150	21,000	0,827	E
F 19078	30,000	1,181	80,000	3,150	21,000	0,827	E
N F 19079	---	---	55,000	2,165	20,000	0,787	G



Type / Tipo



Fersa	SKF	FAG	INA	OTHERS / OTROS	
F 19042		804339			
F 19043		510148 B			
F 19044		508204 E.TVP			
F 19045			V54276	SNR	ETR 122205
F 19046		BC1B 322467			
F 19047	BC1B 322172 A				
N F 19048			F 93666.2		
F 19055					
F 19061			F 211413.2		
F 19062			F 211408.5		
F 19063	BC1B 320308 A				
F 19064	BC1B 319546C / VB017				
F 19065	BC1B 246037 A				
F 19066			F 43710.1		
F 19067					
F 19068				TORRINGTON	M 1206 EL
F 19069			F 237594		
F 19070	BC1 0058				
F 19071	BC1 0125				
F 19075			87486		
F 19076		580989			
F 19077				TORRINGTON	MU 1307 TM
F 19078				TORRINGTON	MUS 1307 TM
N F 19079				NACHI	31 RUK SS 2N C3

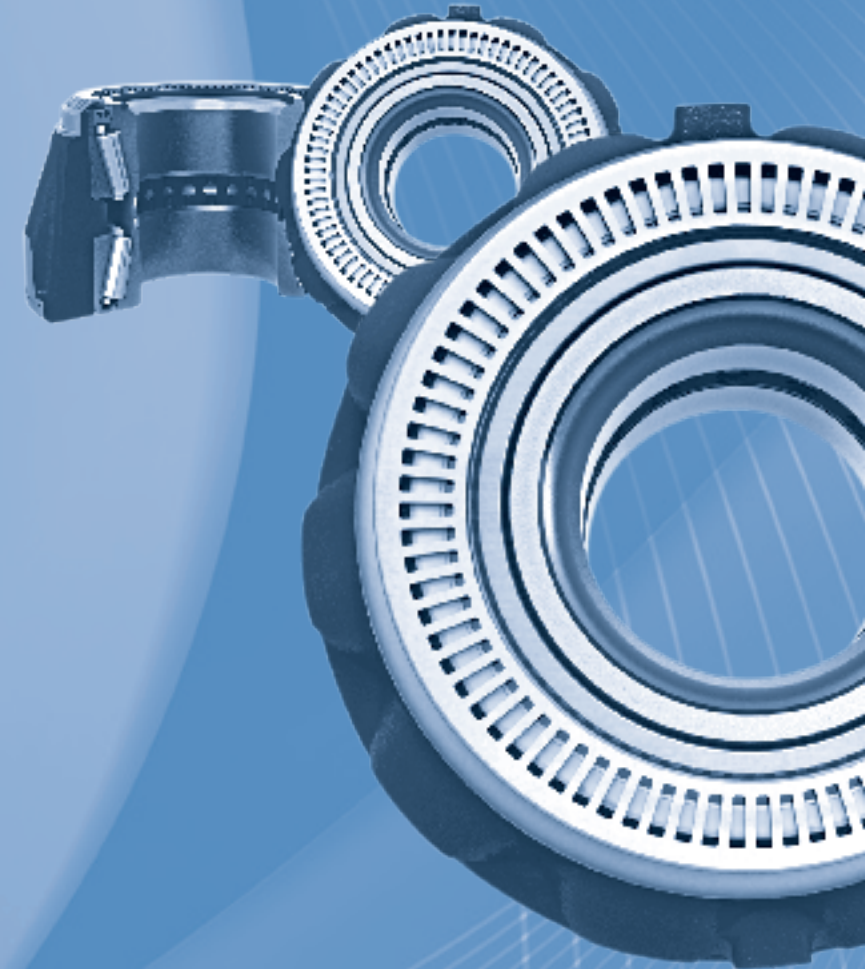


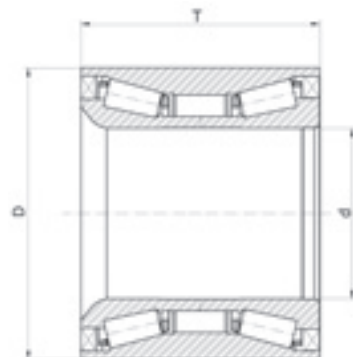
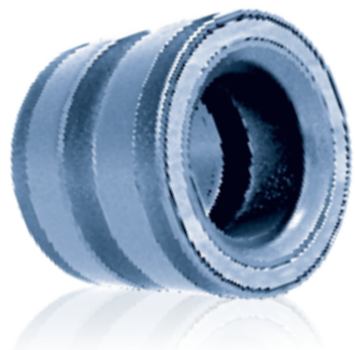
08

Commercial vehicle bearings

Rodamientos para vehículo industrial

















08.1 Hub wheel truck / Hub de rueda de camión	100
08.2 Kit wheel truck / Kit de rueda de camión	102
08.3 Compact wheel truck / Buje compacto de camión	104

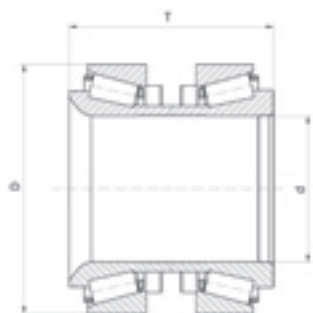




REFERENCES / REFERENCIAS	d		D		T		WEIGHT / PESO (kg)
	mm	inch	mm	inch	mm	inch	
F 15097	68,000 / 68,200	2,677 / 2,685	127,000 / 132,000	5,000 / 5,196	115,000	4,528	6,500
F 15100	82,000	3,228	140,000	5,512	115,000	4,528	6,450
F 15120	60,000	2,362	108,000	4,252	75,000	2,953	2,830
F 15121	55,000	2,165	90,000	3,543	60,000	2,362	1,400
F 15122	90,000	3,543	160,000	6,299	125,000	4,921	10,240
^N F 15125	78,000	3,071	130,000	5,118	90,000	3,543	4,360
F 15126	82,000	3,228	140,000	5,512	110,000	4,331	6,595
F 15127	78,000	3,071	130,000	5,118	90,000	3,543	4,345






















^N New reference / Nueva referencia

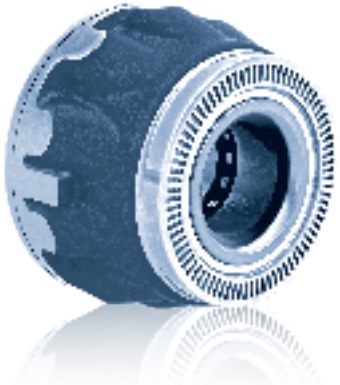
Fersa	CROSS REF. / CRUCES		OEM	BRAND / MARCA	APPLICATION / APLICACIÓN		
F 15097	FAG	201037 / 571762.H195	1413785 / 1439070 / 1443078 / 1476945 / 1724482 / 1868087	SCANIA	 93/ 113 / 143 / K3 / K4 / SERIE 3 / SERIE 4		
	SKF	BTH 0018 A / VKBA 5314			 SERIE 3		
	TIMKEN	SET 1231 / NP 078914					
F 15100	FAG	805003A.H195	014 981 51 05 / 014 981 93 05 / 014 981 99 05 / 017 981 50 05	MERCEDES BENZ	 TE / TL / TZS		
	SKF	BTH 0022 / BTH 0055 / VKBA 5412		GIGANT	 D-SERIE / G-SERIE		
				SCHMITZ CARGOBULL	 SPR / SCS / SKO		
F 15120	FAG	201050	015 981 19 05	MERCEDES BENZ	 ACTROS MP2 / ATEGO 2 / AXOR 2		
	KOYO	DU60108-8					
F 15121	FAG	713 6908 40	7180066	IVECO	 DAILY I		
	SKF	BTH 1011 / VKBA 3552					
F 15122	FAG	201059 / 805012.06.H195	1905487 / 2996882 / 7179751 / 7183074 / 7183075 / 7189050 / 7189648	IVECO	 STRALIS / EUROTECH / EUROSTAR		
	SKF	BTH 0053 / VKBA 5397				IRISBUS	 EURORIDER
	TIMKEN	NP 318274-90UA7 / SET 1242					
F 15125	FAG	803194 A	013 981 22 05 / 013 981 23 05 / 013 981 98 05	MERCEDES BENZ	 ATEGO / ATEGO 2 / TOURINO		
F 15126	FAG	805011 C	2994058 / 7184079 / 7184080	IVECO	 EUROCARGO		
	SKF	VKBA 5409				MERITOR	 TC
	TIMKEN	SET 1237					
F 15127	FAG	805092 C	7182915 / 81.93420-0336 / 81.93420-0379 / 81.93420-6083 / 81.93420-6099 / 8510 3257	IVECO	 EUROCARGO		
						MAN	 TGL / TGM / L 2000
				VOLVO	 FL 6		
							 EUROPOLIS ELECTRICO



REFERENCES / REFERENCIAS	d		D		T		WEIGHT / PESO (kg)
	mm	inch	mm	inch	mm	inch	
F 200001	68,000 / 68,200	2,677 / 2,685	125,000	4,921	115,000	4,528	4,90
F 200002	93,800 / 94,000	3,693 / 3,700	148,000	5,827	135,000	5,315	6,00
F 200004	105,000	4,134	160,000	6,299	140,000	5,512	6,86
F 200005	110,000	4,331	170,000	6,693	146,000	5,748	8,53
^N F 200013	68,000 / 68,200	2,677 / 2,685	125,000	4,921	115,000	4,528	4,45
^N F 200014	93,800 / 94,000	3,693 / 3,700	148,000	5,827	135,000	5,315	5,4








^N New reference / Nueva referencia

Fersa	CROSS REF. / CRUCES		OEM	BRAND / MARCA	APPLICATION / APLICACIÓN
F 200001	FAG	581079 C	20382168 / 20518092 / 20518093 / 20518637 / 20518661 / 20558950 / 20581399 / 20728008 / 20967831 / 21021391 / 2051 8637 / 2096 7831 / 21021391 / 3988 673 / 3988674 / 3988675 74 20 518 637 / 74 20 967 831 / 74 21 021 391	VOLVO	 FE / FH,FM / FM 7 / FM 9 / FM 12 / FH 12 / FH 16 / NH 12  B6 / 7700 / 8500 / 8700 / 9700 / 9900
				RENAULT	 Magnum / Premium 2 / Kerax
F 200002	FAG	800792 D	20518661 / 20967828 / 21036050 / 20517952 / 20535231 / 20558966 74 20 792 439	VOLVO	 FE / FH / FM / FM 7 / FM 9 / FM 12 / FH 12, FH 16 / NH 12 / FL 6 / FL 7 / FL 10 / FL 12 /  B6 / 7700 / 8500 / 8700 / 9700 / 9900
				RENAULT	 Magnum / Premium 2 / Kerax
				DAF	 XF
				MAN	 TGA / TGM / TGS / TGX / M 2000
				BOVA	 Futura / Lexio / Magig / Sinergy
F 200004	FAG	803750 B	36934200009 / 5031 26457 / 81.93420-0320 / 81.93420-0342	MAN	 LIONS COACH / LIONS CITY / HOCL / NG NL / NÜ / SL / ÜL /
				MERCEDES	 CITARO
				NEO-PLAN	 STARLINER / CITYLINER / EUROLINER
				VOLVO	 7700 / 8500 / 8700
F 200005	FAG	804162 A	81.93420-0346	MAN	 TGA / TGM / TGS
	SKF	VKBA 5416			
F 200013	FAG	566426.H195	20382168 / 20518092 / 20518093 / 20518637 / 20518661 / 20558950 / 20581399 / 20728008 / 20967831 / 21021391 / 2051 8637 / 2096 7831 / 2102 1391 / 3988 673 / 3988674 / 3988675 74 20 518 637 / 74 20 967 831 / 74 21 021 391	VOLVO	 FE / FH,FM / FM 7 / FM 9 / FM 12 / FH 12 / FH 16 / NH 12  B6 / 7700 / 8500 / 8700 / 9700 / 9900
				RENAULT	 Magnum / Premium 2 / Kerax
F 200014	FAG	566425.H195	20518661 / 20967828 / 21036050 / 20517952 / 20535231 / 20558966 74 20 792 439	VOLVO	 FE / FH / FM / FM 7 / FM 9 / FM 12 / FH 12, FH 16 / NH 12 / FL 6 / FL 7 / FL 10 / FL 12  B6 / 7700 / 8500 / 8700 / 9700 / 9900
				RENAULT	 Magnum / Premium 2 / Kerax
				DAF	 XF



REFERENCES / REFERENCIAS	d		D		T		WEIGHT / PESO (kg)
	mm	inch	mm	inch	mm	inch	
F 300001	82,000	3,228	196,000	7,717	113,000	4,449	15,300
F 300005	70,000	2,756	196,000	7,717	140,000	5,512	13,200
F 300006	45,000	1,772	120,000	4,724	84,900	3,343	4,000
F 300007	60,000	2,362	168,000	6,614	102,000	4,016	9,300



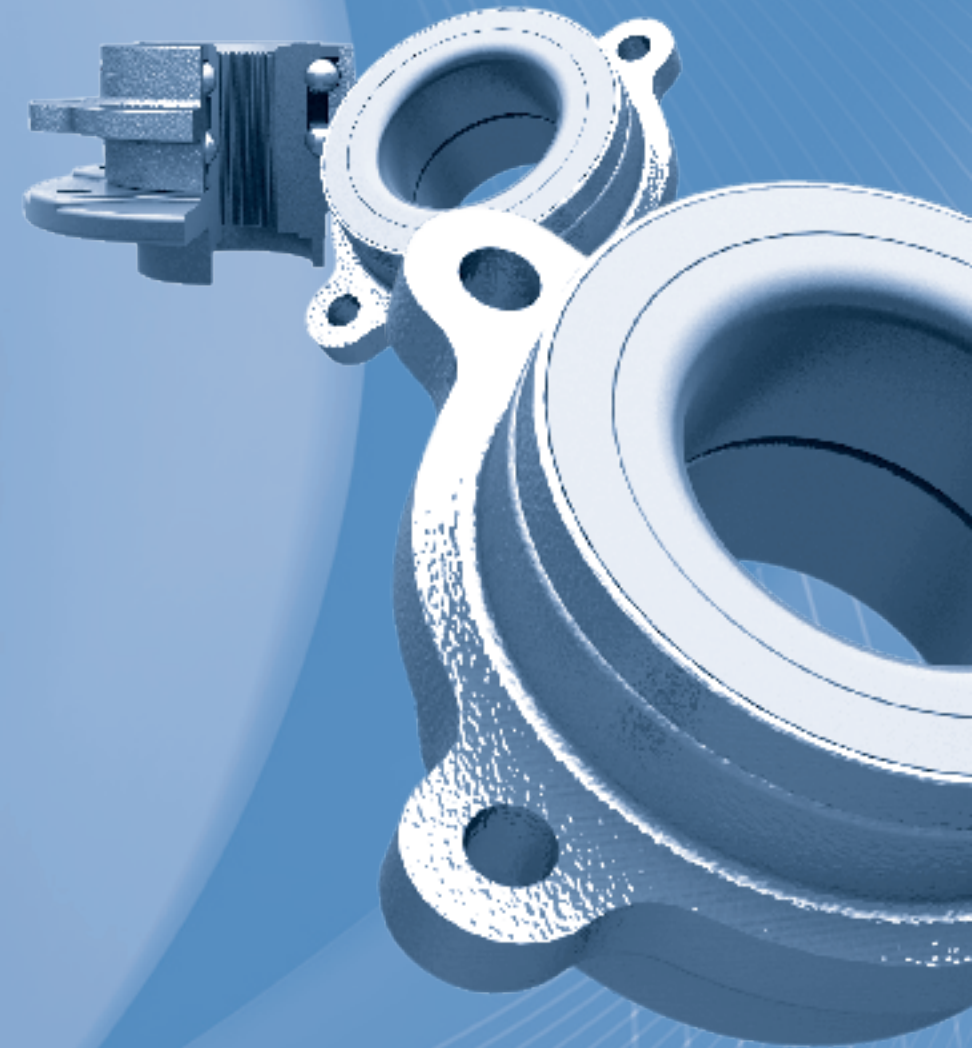
Fersa	CROSS REF. / CRUCES		OEM	BRAND / MARCA	APPLICATION / APLICACIÓN	
F 300001	FAG	564734.H195	1002689 / 1003457 / 100167600 / 100167601 / 3 200 2001 51 / 3 434 3650 00 / 4 200 2001 00 / 4 200 2001 01	SAF		9019-1122
				SCHMITZ CARGOBULL		SKI / SPR / SCS / SKO
F 300005	FAG SKF	801974AE.H195 BTF 0110 / VKBA 5377 / BTF 0021A	42541578 / 5006207845 / 81.93420-0288 / 81.93420-0330 / 81.93420-0349	IVECO		EUROPOLIS / CITYCLASS
				MAN		TGA / TGM / TGS / TGX / E 2000 / F 2000 / M 2000
				MAN		LIONS COACH / LIONS CITY / LIONS STAR / HOCL / NG / NL / NÜ / NM / UN / RH / SG / SL / SÜ / TOURLINER / ÜL
F 300006	FAG SKF	713 6908 50 VKBA 3553	9381 0034	IVECO		DAILY I
F 300007	FAG	805532	20550678 / 5010587029	RENAULT		MIDLUM



09

Passenger car wheel bearing kits

Kits de rueda para turismos





KA



KB



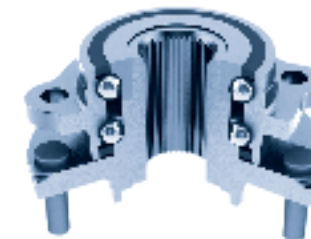
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KA 001	LM 11749/10	L 45449/10	VKBA 532	R160.02	713606200	802652	QWB 605	EK73608 / K 80102	6002
KA 002	LM 11749/10	L 44649/10	VKBA 513	R160.36	713606120	981535	QWB 212	EK73640 / K 80103	6004
KA 003	LM 11949/10	L 45449/10	VKBA 1487	R160.38	713606140	801438	QWB 443	EK73614 / K 80104	6006
KA 004	LM 11949/10	LM 67048/10	VKBA 718	R160.44	713606050	801554	QWB 691	EK73836 / K 80113	6019
KA 005	LM 11949/10	L 45449/10	VKBA 542	R157.05	713610240	102008	QWB 429	EK73814 / K 80202	5705
KA 006	REPLACED BY KA 069 / SUSTITUIDO POR EL KA 069								
KA 007	LM 11749/10	L 45449/10	VKBA 3255	R153.07		972389		EK73797 / K 80403	5307
KB 008	F 15041		VKBA 961	R159.19	713650290	602320	QWB 503	EK73491 / K 80712	5919
KA 009	32010 XF	32010 XF	VKBA 844	R140.42	713690330	681504	QWB 481	EK73820 / K 80750	4042
KA 010	32008 XF	32006 XF	VKBA 845 / VKBA 846	R140.43 / R140.44	713690430	682420	QWB 545	EK73821 / K 80751	4043
KB 011	F 15166		VKBA 813	R140.02	713690320	681640	QWB 486	EK73457 / K 80752	4002
KB 012	F 15166		VKBA 814	R140.03	713690420	682642	QWB 482	EK73458 / K 80153	4003
KA 013	32008 XF	32006 XF	VKBA 3429	R140.95	713650420	682327	QWB 996	EK78785 / K 80756	4095
KA 014	LM 11749/10	L 44649/10	VKBA 504	R152.12	713678250	300052	QWB 113C	EK73542 / K 81102	5212
KA 015	F 15036	F 15036	VKBA 686	R152.16	713678190	301018	QWB 420	EK73553 / K 81103	5216
KA 016	REPLACED BY KA 075 / SUSTITUIDO POR EL KA 075								
KA 017	LM 11749/10	L 44649/10	VKBA 505	R152.08	713678140	301280	QWB 115C	EK73539 / K 81107	5208
KA 018	F 15036	F 15036	VKBA 740	R152.21	713678080	301034	QWB 569	EK73541 / K 81109	5221
KA 019	F 15036	F 15036	VKBA 687	R152.19	713678090	301006	QWB 418	EK73554 / K 81111	5219
KA 020	F 15040	F 15040	VKBA 1431	R152.36	713678020	301180	QWB 696	K81116	5236
KA 021	F 15029	F 15029	VKBA 1333	R152.37	713678320	302058	QWB 697	EK74341 / K 81117	5237
KA 022	F 15055	F 15055	VKBA 1366	R173.15	713619130	951606		EK73692 / K 81201	7308
KA 023	M 12649/10	LM 48548/10	VKBA 1369	R140.34	713619300	951708	QWB 692	EK74287 / K 81209	4034
KA 024	32008 XF	32008 XF	VKBA 1324	R172.01	713690090	801656	QWB 725	K81850	7201

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KA 001	ALFA ROMEO (33/ALFASUD)	Rear / Trasero
KA 002	ALFA ROMEO (ALFETTA), TOYOTA (CARINA/CELICA/COROLLA/STARLET)	Front / Delantero
KA 003	ALFA ROMEO (75/90/ALFETTA/GIULIETTA/GTV)	Front / Delantero
KA 004	ALFA ROMEO (6/75/RZ/SZ)	Front / Delantero
KA 005	AUDI (A4/A6/COUPE/80/CABRIO/90/100), SEAT (INCA), VW (CADDY)	Rear / Trasero
KA 006	REPLACED BY KA 069 / SUSTITUIDO POR EL KA 069	
KA 007	DAEWOO (ESPERO/LANOS/NEXIA/NUBIRA), OPEL(ASCONA/CORSA/KADETT/MANTA/REKORD/TGRA/VECTRA)	Rear / Trasero
KB 008	CITROEN (AX/SAXO/VISA/XSARA/ZX), PEUGEOT (106/205/306/309)	Rear / Trasero
KA 009	CITROEN (C25), FIAT (DUCATO), PEUGEOT (J5)	Front / Delantero
KA 010	CITROEN (C25), FIAT (DUCATO), PEUGEOT (J5)	Rear / Trasero
KB 011	CITROEN (C35), FIAT (242).	Front / Delantero
KB 012	CITROEN (C35), FIAT (242).	Rear / Trasero
KA 013	CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	Rear / Trasero
KA 014	FORD (ESCORT/FIESTA)	Front / Delantero
KA 015	FORD (ESCORT/FIESTA/ORION)	Front / Delantero
KA 016	REPLACED BY KA 069 / SUSTITUIDO POR EL KA 069	
KA 017	FORD (CORTINA/ESCORT/TAUNUS)	Front / Delantero
KA 018	FORD (SIERRA)	Front / Delantero
KA 019	FORD (ESCORT/FIESTA)	Front / Delantero
KA 020	FORD (ESCORT/FIESTA/ORION)	Front / Delantero
KA 021	FORD (ESCORT/FIESTA/ORION)	Rear / Trasero
KA 022	HYUNDAI (ACCENT/ATOS/LANTRA/PONY), MITSUBISHI (COLT/CORIA/LANCER/MIRAGE/SPACEWAGON/TREDIA)	Front / Delantero
KA 023	HYUNDAI (H-100/H-1/STAREX), MITSUBISHI (L-200/L-300/L-400)	Front / Delantero
KA 024	LADA (NIVA)	Front / Delantero



KA



KB



KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KA 025	LM 11949/10	LM 67048/10	VKBA 517	R151.02	713667400	401222	QWB 256	K82001	5102
KA 026	LM 300849/11	LM 503349 A/10	VKBA 614	R151.03	713667520	402030	QWB 259	K82002	5103
KA 027	M 12649/10	LM 48548/10	VKBA 596	R151.05	713667430	401028	QWB 255	K82003	5105
KA 028	LM 11949/10	LM 67048/10	VKBA 941	R151.14	713667370	401042	QWB 654	K82006	5114
KA 029	M 12649/10	LM 48548/10	VKBA 1337	R151.12	713667420	401126	QWB 659	K82008	5112
KA 030	LM 11749/10	LM 67048/10	VKBA 756	R151.08	713667450	401048	QWB 508	K82009	5108
KA 031	32009 XF	32009 XF						K82056	
KA 032	30306 F	30209 F	VKBA 3405	R140.73	713667570	402216	QWB 1199	K82057	4073
KA 033	LM 503349 A /10	32009 XF	VKBA 3404	R140.72	713667300	401214	QWB 1197	K82058	4072
KA 034	LM 11949/10	L 44649/10	VKBA 1310	R168.15	713613280	962682	QWB 539	K82306	6815
KA 035	LM 501349/10	30209 F	VKBA 3319	R168.50	713613160	961904		EK78655 / K 82350	6850
KA 036	LM 11949/10	LM 67048/10	VKBA 684	R168.09	713613130	961503	QWB 347	K82352	6809
KA 037	32010 XF	32010 XF						K 82358	
KA 038	LM 11749/10	L 45449/10	VKBA 944	R153.07	713644510	200012	QWB 155C	EK73797 / K 82502	5307
KA 039	LM 11949/10	LM 67048/10	VKBA 526	R153.16	713644520	200020	QWB 596	K82504	5316
KA 040	LM 11749/10	L 44649/10	VKBA 506	R153.03	713644480	201996	QWB 285		5303
KA 041	32005 XR	320/32 XF	VKBA 540	R159.08	713650140	601384	QWB 289	EK73461 / K 82610	5908
KA 042	F 15063	30203 F	VKBA 564	R155.05	713630200		QWB 301		
KA 043	30204 F	30205 F	VKBA 548 / VKBA 654	R155.03 / R155.22	713630210	702817 / 702350	QWB 629	EK73474 / EK73480 / K 82904	5503 / 5522
KA 044	32004 XF	32005 XR	VKBA 652	R155.06	713630220	702328	QWB 310	EK73477 / K 82909	5506
KB 045	F 15041		VKBA 869	R155.13		702312		K82965	5513
KB 046	F 15042		VKBA 975	R155.17	713630260	702316	QWB 566	EK73500 / K 82915	5517
KB 047	F 15043		VKBA 976	R155.27	713630270	702426	QWB 560	EK78776 / K 82918	5527
KB 048	F 15044		VKBA 1413	R155.32	713630180	701302	QWB 430	EK73490 / K 82911	5529
KA 049	30205 F	32007 XF	VKBA 977	R140.56	713630480	702692	QWB 608	K82956	4056
KA 050	LM 603049/11	LM 603049/11	VKBA 838	R180.00	713620140	880812	QWB 419	EK73764 / K 83050	8000
KA 051	11162/300	359 A/354 X	VKBA 837				QWB 411		
KA 052	LM 603049/11	LM 603049/11	VKBA 3420	R180.01	713620010	880419		K83053	8001
KA 053	LM 603049/11	LM 603049/11	VKBA 3421	R180.02	713620020	880421		EK78815 / K 83054	8002

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KA 025	MERCEDES (SL/8)	Front / Delantero
KA 026	MERCEDES (SEDAN/KOMBI/COUPE/SL/CLASE S)	Rear / Trasero
KA 027	MERCEDES (SEDAN/KOMBI/COUPE/SL/CLASE S/T-1)	Front / Delantero
KA 028	MERCEDES (190/SEDAN/KOMBI/COUPE/SL/CLASE E)	Front / Delantero
KA 029	MERCEDES (SEDAN/KOMBI/COUPE/SL/CLASE S)	Front / Delantero
KA 030	MERCEDES (190)	Front / Delantero
KA 031	MERCEDES-BENZ MB	Front / Delantero
KA 032	MERCEDES (100)	Rear / Trasero
KA 033	MERCEDES (100)	Front / Delantero
KA 034	NISSAN (MICRA)	Rear / Trasero
KA 035	NISSAN (PATROL)	Front / Delantero
KA 036	NISSAN (280/LAUREL/SILVIA)	Front / Delantero
KA 037	NISSAN (L35)	Rear / Trasero
KA 038	DAEWOO (ESPERO/LANOS/NEXIA/NUBIRA), OPEL(ASCONA/CORSA/KADETT/MANTA/REKORD/TGRA/VECTRA)	Rear / Trasero
KA 039	OPEL (COMMDORE/MONZA/KADETT/REKORD/SENATOR)	Rear / Trasero
KA 040	OPEL (ASCONA/KADETT/MANTA/OLIMPIA/REKORD)	Front / Delantero
KA 041	PEUGEOT (504/505/604), TALBOT (TAGORA)	Front / Delantero
KA 042	RENAULT (4/5/6/8/10)	Rear / Trasero
KA 043	RENAULT (4/5/6/12/15/16/17)	Rear / Trasero
KA 044	RENAULT (FUEGO/18/16/15/14/12/6/5/4)	Rear / Trasero
KB 045	RENAULT (SUPER 5/9/11/19)	Rear / Trasero
KB 046	RENAULT (EXPRESS/21)	Rear / Trasero
KB 047	NISSAN (KUBISTAR), RENAULT (KANGOO/LAGUNA/EXPRESS)	Rear / Trasero
KB 048	RENAULT (CLIO/EXPRESS/THALIA/TWINGO/SUPER 5/9/11/19)	Front / Delantero
KA 049	RENAULT (TRAFFIC)	Rear / Trasero
KA 050	LAND ROVER (90/100/110/RANGE ROVER)	Front & Rear / Delantero y Trasero
KA 051	LAND ROVER (88/109)	Front / Delantero
KA 052	LAND ROVER	Front & Rear / Delantero y Trasero
KA 053	LAND ROVER (DEFFENDER)	Front & Rear / Delantero y Trasero



KA



KB



KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KA 054	30204 F	LM 67048/10	VKBA 1430	R178.03	713614210	802732	QWB 707	EK74350 / K 83104	7803
KA 055	LM 11949/10	15579 X/20	VKBA 926	R158.00	713690120		QWB 239		
KA 056	LM 11949/10	LM 67048/10	VKBA 925	R158.01	713690130	801402	QWB 242	K83205	5801
KA 057	LM 11949/10	J 15585/20	VKBA 929	R158.08	713690150	801698		K83206	5808
KA 058	32006 XF	32008 XF	VKBA 1445 / VKBA 1446	R140.78 / R140.79	713650410	682508	QWB 740	K83257	4078
KA 059	LM 11749/10	L 44649/10					QWB 224		
KA 060	30204 F	L 44649/10						K 83305	
KA 061	F 15003	F 15003	VKBA 1978	R177.02	713623020	971451	QWB 915	K83450	7702
KB 062	F 15015		VKBA 3219	R177.12	713623030	971612	QWB 812	K83452	7712
KA 063	30204 F	L 44649/10	VKBA 551 / VKBA 552	R156.00	713680110	600410	QWB 224	EK73508 / K 83602	5600
KA 064	LM 11949/10	LM 67048/10						K 83603	
KA 065	LM 11749/10	L 45449/10	VKBA 534	R169.01	713618100	981790	QWB 366	K83710	6901
KA 066	LM 11949/10	LM 67048/10	VKBA 527	R169.02	713618110	981814	QWB 365	EK73638 / K 83753	6902
KA 067	LM 11949/10	LM 67048/10	VKBA 1964 / VKBA 1965	R169.02 / R169.23	713618110 / 713618740	981814	QWB 365	EK73638 / K 83754	6902
KA 068	LM 11749/10	L 44649/10	VKBA 502	R163.19	713660110	891822	QWB 342	EK73706 / K 84001	6300
KA 069	LM 11749/10	L 45449/10	VKBA 529	R154.13	713610230	100002	QWB 201	EK73513 / K 80203	5404
KA 070	M 12649/10	LM 48548/10	VKBA 826	R140.26	713618900	191272		EK73646 / K 84150	4026
KA 071	L 45449/10	LM 300849/11	VKBA 802	R154.17	713611480	101064	QWB 407	EK73601 / K 84151	5417
KA 072	32010 XF	32010 XF	VKBA 801	R154.18	713611570	102060	QWB 496	EK73606 / K 84153	5418
KA 073	32004 XF	32005 XR	VKBA 728	R159.12	713650270	602414	QWB 459	EK73456 / K 80708	5912
KA 074	F 15135	F 15135	VKBA 543	R152.20		301230		EK73548 / K 81101	5220
KA 075	LM 11749/10	L 45449/10	VKBA 528	R152.17	713678150	300004	QWB 414	EK73831 / K 81104	5217
KA 076	F 15036	F 15036	VKBA 897	R152.28	713678760	302074	QWB 527	EK73580 / K 81110	5228
KA 077	LM 11949/10	L 45449/10	VKBA 752	R168.10	713613230	962776	QWB 556	EK73662 / K 80107	6810
KB 078	F 15041		VKBA 3556	R159.38	713650070	602858	QWB 1274	EK79094 / K 80737	5938

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KA 054	SKODA (FAVORIT)	Rear / Trasero
KA 055	FIAT (124/1200/1600)	Front / Delantero
KA 056	FIAT (ARGENTA/125/132)	Front / Delantero
KA 057	FIAT (131), SEAT(131)	Front / Delantero
KA 058	CITROEN (C25)	Rear / Trasero
KA 059	TALBOT (1307/1510)	Rear / Trasero
KA 060	TALBOT (1100 / 1307 1200)	Rear / Trasero
KA 061	SUZUKI (SAMURAI/SJ 413)	Front / Delantero
KB 062	SUZUKI (VITARA/X-90)	Front / Delantero
KA 063	TALBOT (SIMCA, RANCHO, 1307)	Rear / Trasero
KA 064	TALBOT (180)	Front / Delantero
KA 065	DAIHATSU (CHARMANT), TOYOTA (CELICA/CARINA)	Front / Delantero
KA 066	TOYOTA (CARINA/CELICA/COROLLA)	Front / Delantero
KA 067	TOYOTA (CELICA)	Front / Delantero
KA 068	VOLVO (66/340-360)	Front / Delantero
KA 069	ALFA ROMEO (50/60/75/80); AUDI (50/60/75/80/100/COUPE), PORSCHE (924), SEAT (AROSA/CORDOBA/IBIZA/TOLEDO), SKODA(FAVORIT/FELICIA), WV (CADDY/CORRADO/DERBI/GOLF/JETTA/KAEFFER/PASSAT/POLO/SANTANA/SCIROCCO/VENTO)	Rear / Trasero
KA 070	TOYOTA (HYLUX/4 RUNNER/HIACE I)	Front / Delantero
KA 071	WV (LT 28-35)	Front / Delantero
KA 072	WV (LT 28-35)	Rear / Trasero
KA 073	CITROEN (VISA/LNA)	Rear / Trasero
KA 074	FORD (FIESTA)	Front / Delantero
KA 075	FORD (CAPRI/CONSUL/ESCORT/GRANADA/ORION))	Front / Delantero
KA 076	FORD (SIERRA)	Rear / Trasero
KA 077	ALFA ROMEO (ARNA), NISSAN (CHERRY)	Rear / Trasero
KB 078	CITROEN (SAXO), PEUGEOT (106)	Rear / Trasero



KA



KB



KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KA 079	32010 XF	32010 XF	VKBA 1444	R140.77	713650310	681506	QWB 828	EK74355 / K 80754	4077
KA 080	32206 F	33108 F	VKBA 3430	R140.96	713650430	682329	QWB 995	EK78787 / K 80757	4096
KA 081	F 15036	F 15036	VKBA 741		713678750	301038	QWB 568	K81118	5229
KA 082	F 15036	F 15036	VKBA 898	R152.28	713678280	302076	QWB 528	K81119	5234
KA 083	LM 11949/10	LM 67048/10	VKBA 523	R152.02	713678300	300062	QWB 414	EK73837 / K 81150	5202
KA 084	18790/20	387 A/382 A	VKBA 959	R140.80	713678420	302124	QWB 756	EK74344 / K 81155	4080
KA 085	LM 11949/10	32007 XR	VKBA 1465	R140.87	713678500	301118	QWB 863	EK78641 / K 81151	4087
KA 086	LM 11749/10	L 44649/10	VKBA 713	R173.00	713619100	920752	QWB 842	EK73688 / K 81206	7300
KA 087	LM 11749/10	L 45449/10	VKBA 1396	R151.11	713667380	401100	QWB 773	K82050	5111
KA 088	30204 F	30205 F	VKBA 547						
KA 089	30204 F	30205 F	VKBA 546	R159.11	713650210	602859	QWB 445	EK73462 / K 82606	5911
KB 090	F 15050		VKBA 969	R155.19	713630250	702352	QWB 662	EK74307 / K 82923	5519
KA 091	32005 XR	320/32 XF	VKBA 830	R140.25	713630440	702456	QWB 497	EK73461 / K 82955	4025
KF 092	F 16046		VKBA 964	R160.13	713606260	802542	QWB 671	K80108	6013
KF 093	REPLACED BY KF 092 / SUSTITUIDO POR EL KF 092								
KF 094	F 16031		VKBA 1447	R160.18	713606160	801428	QWB 944	EK74356 / K 80116	6018
KF 095	F 16035		VKBA 575	R154.15	713610160	100014	QWB 510	K80204	5416
KF 096	F 16038		VKBA 1355	R157.08	713610290	100090		K80207	5708
P KV 097	REPLACED BY KV 194 / SUSTITUIDO POR EL KV 194								
KF 098	F 16054		VKBA 1356	R154.43	713610420	100098		K80214	5443
KF 099	F 16041		VKBA 1374	R174.12	713617090	881704	QWB 712	K80310	7412
KV 100	F 16008		VKBA 1379	R174.19	713617260	912530	QWB 850	EK73802 / K 80312	7415
KF 101	F 16052		VKBA 3461	R161.23	713617360	881725	QWB 994	EK78953 / K 80323	6123
KF 102	F 16053		VKBA 3246	R174.34	713617040	911383	QWB 1003	K80329	7434
KV 103	F 16015		VKBA 890						
KF 104	F 16036		VKBA 1317	R150.16	713649240	502068	QWB 906	EK78616 / K 80507	5016
A KV 105	F 16060		VKBA 938 / VKBA 3665	R150.17	713667140	501112 / 501088	QWB 534	K80506 / K80510	5015 / 5017

P Passive ABS / ABS pasivo

A Active ABS / ABS activo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KA 079	CITROEN (C25)	Front / Delantero
KA 080	CITROEN (JUMPER)	Rear / Trasero
KA 081	FORD (SIERRA)	Front / Delantero
KA 082	FORD (SIERRA)	Rear / Trasero
KA 083	FORD (ESCORT RANCHERA)	Rear / Trasero
KA 084	FORD (TRANSIT)	Rear / Trasero
KA 085	FORD (TRANSIT)	Front / Delantero
KA 086	HYUNDAI (PONY), MITSUBISHI (COLT/CELESTE)	Front / Delantero
KA 087	MERCEDES (CLASE G)	Front / Delantero
KA 088	PEUGEOT (304/204)	Rear / Trasero
KA 089	PEUGEOT (304/204/305)	Rear / Trasero
KB 090	RENAULT (CLIO/MEGANE/SUPER 5/9/11/19)	Rear / Trasero
KA 091	RENAULT (TRAFFIC)	Rear / Trasero
KF 092	ALFA ROMEO (75/90/GTV)	Rear / Trasero
KF 093	REPLACED BY KF 092 / SUSTITUIDO POR EL KF 092	
KF 094	ALFA ROMEO (33)	Front / Delantero
KF 095	AUDI (80/COUPE/90), VW (GOLF/JETTA/PASSAT/SANTANA)	Front / Delantero
KF 096	AUDI (A4/A6/80/CABRIO, COUPE/90), VW (PASSAT/SANTANA) SKODA (SUPERB)	Rear / Trasero
P KV 097	REPLACED BY KV 194 / SUSTITUIDO POR EL KV 194	
KF 098	AUDI (A4/A6/V8/A8/COUPE/80/90)	Rear / Trasero
KF 099	HONDA (ACCORD), MG (MG-ZR), ROVER (25/200/400/CABRIO/COUPE)	Front / Delantero
KV 100	HONDA (CIVIC/CRX/LOGO), ROVER (200)	Rear / Trasero
KF 101	MG (ZS), ROVER (45/400)	Front / Delantero
KF 102	HONDA (CIVIC/CRX/HR-V)	Front / Delantero
KV 103	BMW (SERIE 3)	Front / Delantero
KF 104	BMW (316/318/320/324/325)	Rear / Trasero
A KV 105	BMW (518/520/525/524/530/535/750/850)	Front / Delantero

P Passive ABS / ABS pasivo

A Active ABS / ABS activo



KA



KB



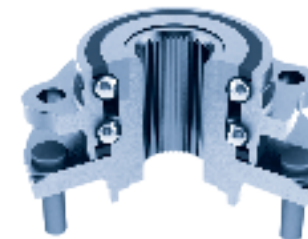
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KF 106	F 16046		VKBA 1320	R150.19	713649270	502072	QWB 779	K80511	5019
KF 107	F 16032		VKBA 1318	R150.12	713649250	502066	QWB 514	K80514	5012
P KV 108	F 16033		VKBA 1458	R150.22	713667180	501136	QWB 786	K80516	5022
KF 109	F 16036		VKBA 1459	R150.23	713649320	502138	QWB 787	EK78614 / K 80517	5023
KF 110	F 16046		VKBA 1460	R150.24	713649300	502148	QWB 831	EK78615 / K 80518	5024
KF 111	F 16022		VKBA 1327	R166.14	713640190	600334	QWB 634	EK74209 / K 80718	6614
KF 112	F 16004		VKBA 1328	R166.15	713640280	602322	QWB 635	EK74210 / K 80719	6615
KF 113	F 16056		VKBA 3423	R159.31	713630580	681303	QWB 974	EK78804 / K 80724	5931
KV 114	F 16016		VKBA 3477 / VKBA 3587	R159.37 / R166.24	713630530	602337	QWB 1049	EK78875	5937
KF 115	F 16036		VKBA 1432	R152.39	713678040	301132	QWB 817	EK74340 / K 81120	5239
KF 116	F 16055		VKBA 1480	R152.42	713678050	301182	QWB 859	EK78634 / K 81125	5242
KD 117	F 18009		VKBA 922	R140.52	713678400	302172	QWB 194C	K81151	4052
KD 118	F 18009		VKBA 958		713678400	302176	QWB 194C	K81156	4070
KF 119	F 16091		VKBA 3309	R173.22	713619090	951409		EK78942	7322
KV 120	F 16006		VKBA 3305	R173.23	713619080	952405		EK78935 / K 81214	7323
KF 121	F 16090		VKBA 1970	R173.14	713619170	951604	QWB 958	EK78647	7314
KV 122	F 16014		VKBA 3326	R173.17	713619410	952415		EK78936 / K 81220	7317
KV 123	F 16014		VKBA 3327	R173.18	713619420	952417		EK78938 / K 81221	7318
KF 124	F 16059		VKBA 757	R151.07	713667870	402116	QWB 783	K82005	5107
KB 125	F 15167		VKBA 1347	R151.15	713667580	402080	QWB 754	K82007	5115
KA 126	U 497/U 460 L + COLLAR		VKBA 1470	R151.10	713667560	402050	QWB 813	K82053	5110
KF 127	F 16059		VKBA 3486	R151.27	713667050	400107	QWB 1057	K82068	5127
KF 128	F 16081		VKBA 1999	R168.26	713613830	960638	QWB 956	K82307	6826
KF 129	F 16058		VKBA 1362	R168.18	713613090	960578	QWB 931	K82311	6818
KF 130	F 16034		VKBA 3201	R168.30	713613040	961648	QWB 928	K82315	6830
KA 131	32209 F	32209 F	VKBA 1953	R168.41	713613070				
KC 132			VKBA 673	R168.04	713613220	962684	QWB 354	K82353	6804
KF 133	F 16019		VKBA 663 / VKBA 3256	R153.14	713644160	201040 / 971391	QWB 417	EK78813 / K82501	5314

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KF 106	BMW (316/318/320/324/325/M3/TOURING/CABRIO)	Rear / Trasero
KF 107	BMW (518/520/525/524/530/535)	Rear / Trasero
P KV 108	BMW (518/520/525/524/530/535/730/735/740/750/840/850)	Front / Delantero
KF 109	BMW (316/318/320/324/325/M3/TOURING/CABRIO)	Rear / Trasero
KF 110	BMW (316/318/320/324/325/M3/TOURING/CABRIO/Z1/Z4)	Rear / Trasero
KF 111	CITROEN (AX/SAXO), PEUGEOT (106)	Front / Delantero
KF 112	CITROEN (AX/SAXO), PEUGEOT (106)	Rear / Trasero
KF 113	CITROEN (EVASION/JUMPY), FIAT(SCUDO/ULYSSE), LANCIA (ZETA), PEUGEOT (806/EXPERT)	Front / Delantero
KV 114	CITROEN (BERLINGO/XANTIA), PEUGEOT(406/PARTNER)	Rear / Trasero
KF 115	FORD (ESCORT/FIESTA/ORION/PUMA)	Front / Delantero
KF 116	FORD (COUGAR/MONDEO)	Front / Delantero
KD 117	FORD (TRANSIT)	Rear / Trasero
KD 118	FORD (MONDEO)	Rear / Trasero
KF 119	MITSUBISHI (CARISMA/COLT/LANCER/MONTERO)	Front / Delantero
KV 120	MITSUBISHI (LANCER, COLT, CARISMA, MONTERO)	Rear / Trasero
KF 121	MITSUBISHI (GALANT/ECLIPSE/SPACE WAGON/SPACE RUNNER)	Front / Delantero
KV 122	MITSUBISHI (SPACE-.WAGON)	Rear / Trasero
KV 123	MITSUBISHI (SPACE-.WAGON)	Rear / Trasero
KF 124	MERCEDES (124/190/CLASE C/CLK/CLASE E/SL/SLK)	Rear / Trasero
KB 125	MERCEDES (KOMBI/CLASE E)	Rear / Trasero
KA 126	MERCEDES (CLASE G/HENSCHEL/T1)	Rear / Trasero
KF 127	MERCEDES (CLASE V/VITO)	Front / Delantero
KF 128	NISSAN (PRIMERA/PRAIRIE/MAXIMA)	Front / Delantero
KF 129	NISSAN (SUNNY)	Front / Delantero
KF 130	NISSAN (SUNNY/ALMERA)	Front / Delantero
KA 131	NISSAN (PATROL)	Rear / Trasero
KC 132	NISSAN (BLUEBIRD/VANETTE/LAUREL/SILVIA)	Rear / Trasero
KF 133	DAEWOO (NEXIA/CIELO)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KF 134	F 16036		VKBA 736 / VKBA 3257	R153.15	713644170	201032 / 971393	QWB 436	K82506 / K80410	5315
P KV 135	F 16028		VKBA 1301	R153.19	713644540	201084	QWB 603	EK74242 / K 82510	5318
KF 136	F 16032		VKBA 1326	R153.20	713644650	202168	QWB 570	EK74244 / K 82512	5320
KF 137	F 16020		VKBA 3403	R153.25	713644150	201210	QWB 935	EK78706 / K 82516	5325
KF 138	F 16037		VKBA 3410	R153.26	713644190	201228	QWB 878	EK78767 / K 82518	5326
KF 139	F 16042		VKBA 618	R159.07		601495		EK73459 / K 82604	5907
KF 140	F 16049		VKBA 622	R159.03		602406		EK73463 / K 82611	5903
KF 141	F 16050		VKBA 729	R159.13	713650260	602390	QWB 461	EK73466 / K 82612	5913
KF 142	F 16026		VKBA 882	R159.14	713650160	601306	QWB 798	EK73469 / K 82613	5914
KF 143	F 16048		VKBA 915	R166.13	713640180	600308	QWB 781	EK73470 / K 82615	6613
KV 144	F 16017		VKBA 743	R159.15	713640260	602340	QWB 500	EK73454 / K 82616	5915
KF 145	F 16029		VKBA 3554	R159.17	713650060	601916	QWB 1150	EK79093 / K 82619	5917
KC 146			VKBA 629	R155.00	713630100		QWB 302		
KC 147			VKBA 639	R155.01	713630120		QWB 286		
KC 148			VKBA 636	R155.10	713630130	701374	QWB 302	EK73487 / K 82907	5510
KC 149			VKBA 723	R155.08	713630150	701332	QWB 313	EK73482 / K 82908	5508
KF 150	F 16025		VKBA 638	R155.21	713630160	701432	QWB 309	EK73483 / K 82910	5521
KF 151	F 16021			R155.31		701302			
KV 152	F 16044		VKBA 966	R155.11	713630170	701326	QWB 467	EK73492 / K 82913	5511
KF 153	F 16051		VKBA 909	R155.09	713644180	701404	QWB 479	EK73479 / K 89914	5509
KV 154	F 16005		VKBA 967	R155.15		702380		EK73501 / K 82916	5515
KF 155	F 16030		VKBA 3596	R155.16	713630030	700310	QWB 1084	EK73499 / K 82917	5516
P KV 156	F 16061		VKBA 1406	R155.24	713630350	702514	QWB 687	EK74310 / K 82920	5524

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KF 134	DAEWOO (NEXIA/CIELO/ESPERO)	Front / Delantero
P KV 135	OPEL (OMEGA/SENATOR) VAUXHALL (CARLTON/SENATOR/OMEGA)	Front / Delantero
KF 136	OPEL (CALIBRA/OMEGA/SENATOR/VECTRA)	Rear / Trasero
KF 137	OPEL (ASTRA/COMBO/CORSA/KADETT/TIGRA/VECTRA)	Front / Delantero
KF 138	OPEL (ASTRA/CALIBRA/OMEGA/VECTRA)	Front / Delantero
KF 139	PEUGEOT (204/304/305)	Front / Delantero
KF 140	PEUGEOT (504/505)	Rear / Trasero
KF 141	PEUGEOT (504/505)	Rear / Trasero
KF 142	CITROEN (AX/C15)	Front / Delantero
KF 143	CITROEN (BERLINGO)	Front / Delantero
KV 144	CITROEN (BX)	Rear / Trasero
KF 145	CITROEN (C2/C3/SAXO/XSARA), PEUGEOT (106/206/306)	Front / Delantero
KC 146	RENAULT (4/6)	Front / Delantero
KC 147	RENAULT (5/12)	Front / Delantero
KC 148	RENAULT (4/5)	Front / Delantero
KC 149	DACIA (1300), RENAULT (12/15/18)	Front / Delantero
KF 150	RENAULT (14)	Front / Delantero
KF 151	CITROEN (XANTIA)	Front / Delantero
KV 152	RENAULT (SPACE)	Front / Delantero
KF 153	RENAULT (20/30/TRAFFIC)	Front / Delantero
KV 154	RENAULT (SPACE/LAGUNA/FUEGO)	Rear / Trasero
KF 155	RENAULT (LAGUNA I / MEGANIE / SCENIC / SAFRANE)	Front / Delantero
P KV 156	RENAULT (SPACE)	Rear / Trasero

P Passive ABS / ABS pasivo



KA



KB



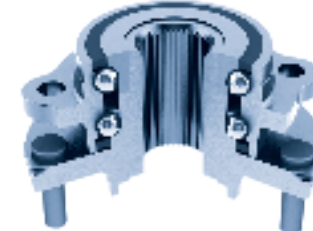
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
P KV 157	F 16007		VKBA 1494	R155.26	713630310	702494	QWB 1133	EK78660 / K 82926	5526
KF 158	F 16031		VKBA 3408						
KF 159	F 16024		VKBA 3441	R154.49	713614030	801543		EK74349 / K 83105	5449
KF 160	F 16002		VKBA 685	R158.28	713690170	800304	QWB 422	K83210	5812
KF 161	F 16001		VKBA 559 / VKBA 1442	R158.07	713690160	800408 / 801382	QWB 422	EK74360 / K83212	5807 / 5830
KV 162	F 16062		VKBA 625 / VKBA 940	R158.10 / R158.17	713690240	802318 / 802324	QWB 422	K83213	5810 / 5817
KV 163	F 16003		VKBA 734	R158.13	713690010	801342	QWB 515	K83214	5813
KV 164	F 16010		VKBA 1440	R158.22	713690230	802330	QWB 736	K83217	5822
KF 165	F 16027		VKBA 1438	R158.31	713690500	801376	QWB 855	EK74354 / K 83226	5831
KF 166	F 16031		VKBA 1439	R158.32	713690510	800398	QWB 853	K83227	5832
KF 167	F 16031		VKBA 3416	R158.37	713690610	801730		EK78819 / K 83237	5837
KF 168	F 16027		VKBA 3414	R158.35	713690500	801362	QWB 855	K83236	5835
KA 169	30305 F	32208 F	VKBA 1385 / VKBA 1386	R140.58 / R140.59	713690380	801750 / 801644	QWB 666	K83252	4058 / 4059
KA 170	32011 XF	32011 XF	VKBA 1393	R140.65	713690470	802748	QWB 685	K83253	4065
KA 171	18690/18620	368 A/362 A	VKBA 1387	R140.60					
KF 172	F 16043		VKBA 738	R156.04	713680160	601446	QWB 231	EK73511 / K 83601	5604
KF 173	F 16009		VKBA 1344	R169.10	713618270	982766	QWB 703	K83705	6910
KC 174			VKBA 1966 / VKBA 675	R169.04	713618210	982685	QWB 360	EK78679 / K 83756	4089
KF 175	F 16024		VKBA 1315	R165.11	713660190	891484	QWB 759	EK74248 / K 84009	6511
KF 176	F 16024		VKBA 1495	R165.16	713660050	891486	QWB 1284	EK78684 / K 84010	6516
KV 177	F 16012		VKBA 1436	R165.10	713660280	892470	QWB 1240	EK78791 / K 84011	6510
P KV 178	F 16013		VKBA 1437	R165.15	713660410	892472	QWB 1234	EK78570 / K 84012	6515
KF 179	F 16019		VKBA 593	R154.14	713610140	101010	QWB 328	EK73592 / K 84101	5414
KF 180	F 16018		VKBA 577	R154.12	713610130	101044	QWB 200	EK73597 / K 84103	5412
KF 181	F 16023		VKBA 906	R154.23	713610310	101016		EK73603 / K 84105	5423

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
P KV 157	RENAULT (21)	Rear / Trasero
KF 158	DACIA (LOGAN), RENAULT (CLIO/SPACE/KANGOO/LAGUNA/MEGANE/SCENIC/EXPRESS/THALIA/19/21)	Front / Delantero
KF 159	SKODA (FAVORIT/FELICIA), WV (CADDY)	Front / Delantero
KF 160	FIAT (DUNA/FIORINO)	Front / Delantero
KF 161	FIAT (UNO)	Front / Delantero
KV 162	FIAT (DUNA/REGATA/FIORINO)	Rear / Trasero
KV 163	FIAT (PANDA)	Front / Delantero
KV 164	ALFA ROMEO (145/146)	Rear / Trasero
KF 165	FIAT (LINEA/TEMPRA)	Front / Delantero
KF 166	ALFA ROMEO (145)	Front / Delantero
KF 167	FIAT (DOBLO/FIORINO)	Front / Delantero
KF 168	FIAT (LINEA/TEMPRA), LANCIA (DELTA)	Front / Delantero
KA 169	IVECO (DAILY)	Front / Delantero
KA 170	IVECO (DAILY)	Rear / Trasero
KA 171	IVECO (DAILY)	Front / Delantero
KF 172	TALBOT (HORIZON/1300)	Front / Delantero
KF 173	TOYOTA (CAMRY/CARINA)	Rear / Trasero
KC 174	TOYOTA (LITEACE)	Rear / Trasero
KF 175	VOLVO (440/460)	Front / Delantero
KF 176	VOLVO (440)	Front / Delantero
KV 177	VOLVO (440)	Rear / Trasero
P KV 178	VOLVO (440)	Rear / Trasero
KF 179	WV (CADDY/GOLF)	Front / Delantero
KF 180	AUDI (50), WV (DERBY)	Front / Delantero
KF 181	SEAT (AROSA), WV (GOLF)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



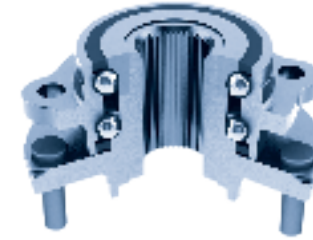
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KF 182	F 16039		VKBA 1358	R154.28	713610100 / 713610730	100022	QWB 698	K84106	5428
KF 183	F 16039		VKBA 1491	R154.34	713610040	101024	QWB 880	K84107	5434
KF 184	F 16040		VKBA 3455	R154.01	713610020	101113	QWB 1089	EK78902 / K 80212	5401
KF 185	F 16035		VKBA 576	R154.15	713610160	101147	QWB 510	K80211	5415
KA 186	30208 F		VKBA 1956	R173.07	713619240	952661	QWB 747	EK74288 / K 81208	7307
KA 187	L 45449/10	L 45449/10	VKBA 1367	R173.09	713619230	952710	QWB 803	K81211	7309
KC 188			VKBA 1371	R173.05	713619210	952593	QWB 376	K81223	7305
KA 189	LM 12749/10	L 68149/11	VKBA 1498	R151.24	713667470	401078	QWB 1070	K82011	5118
KA 190	LM 102949/10	LM 102949/10	VKBA 1915	R173.06	713619140	951722	QWB 716	EK78582 / K 81207	7306
KB 191	F 15067		VKBA 3532	R152.56	713678030	302057	QWB 1128	K81141	5256
KB 192	F 15044		VKBA 3496	R155.32	713630180	701302	QWB 430	EK73490 / K 82963	5529
KB 193	F 15041		VKBA 3525	R155.63 / R159.89	713630300	702312 / 702899	QWB 1088	K82965	5513
P KV 194	F 16065		VKBA 3456	R157.20	713610220	102115	QWB 1055	EK78903 / K 80213	5448
KF 195	F 16066		VKBA 3495	R155.44	713630050	701307	QWB 871	K82962	5538
KV 196	F 16067		VKBA 3510	R153.31	713644040	201033	QWB 1112	EK79086 / K 82523	5331
KF 197	F 16068		VKBA 3730	R169.37	713618560	981868		EK79005 / K 83730	6937
A KV 198	F 16069		VKBA 3511	R153.32	713644070	201035	QWB 1113	EK79087 / K 82524	5332
A KV 199	F 16070		VKBA 3513	R153.33	713644060	201043	QWB 1114	EK79089 / K 82542	5333
KA 200	33108 F	32206 F	VKBA 1462 / VKBA 1463	R140.83 / R140.84	713690490	682492		EK78618 / K 83259	4083
KF 201	F 16036		VKBA 3530	R152.54	713678110	301039	QWB 1126	K81139	5254
A KV 202	F 16073		VKBA 3409	R153.23	713644560	202142	QWB 877	EK78658 / K 82517	5323
KF 203	F 16024		VKBA 1410	R182.60	713696100	801354	QWB 422	EK74347 / K 83210	8260
KV 204	F 16072		VKBA 310	R158.14	713690260	802394	QWB 509	K83215	5814
KC 205	6306 2RS		VKBA 973	R172.00	713690190	802454	QWB 254	EK73711 / K 81802	7200
KA 206	30304 F	30206 F							
KA 207	30208 F	30208 F							
KA 208	30209 F	30209 F							

P Passive ABS / ABS pasivo

A Active ABS / ABS activo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KF 182	SEAT (CORDOBA)	Rear / Trasero
KF 183	SEAT (TOLEDO), VW (CORRADO/GOLF/PASSAT)	Front / Delantero
KF 184	AUDI (A3/TT), SEAT (LEON/TOLEDO) SKODA (OCTAVIA/ROOMSTER), VW (BORA/GOLF/NEW BEETLE)	Front / Delantero
KF 185	AUDI (COUPE/80/90), VW (GOLF/JETTA/PASSAT/SANTANA)	Front / Delantero
KA 186	MINISUBISHI (L-200/L-300/MONTERO)	Rear / Trasero
KA 187	MINISUBISHI (COLT/LANCER/MIRAGE)	Rear / Trasero
KC 188	MINISUBISHI (COLT/CELESTE/GALANT/SAPORO)	Rear / Trasero
KA 189	MERCEDES (CLASE C/CLK/SEDAN/CABRIO/CLASE E/SLK)	Front / Delantero
KA 190	HYUNDAI (GALLOPER), MINISUBISHI (L-200/L-300/MONTERO)	Front / Delantero
KB 191	FORD (FIESTA/FOCUS/FUSION), MAZDA (2)	Rear / Trasero
KB 192	RENAULT (CLIO/EXPRESS/THALIA/TWINGO/SUPER 5/9/11/19)	Front / Delantero
KB 193	DACIA (LOGAN), NISSAN (MICRA/NOTE), RENAULT (CLIO/LOGAN/MEGANE/MODUS/THALIA/TWINGO/19/CHAMADE)	Rear / Trasero
P KV 194	AUDI (A3/TT), SEAT (LEON/TOLEDO) SKODA (OCTAVIA/ROOMSTER), VW (BORA/GOLF/NEW BEETLE)	Rear / Trasero
KF 195	RENAULT (LAGUNA/MEGANE/SAFRANE)	Front / Delantero
KV 196	OPEL (ASTRA/ZAFIRA)	Front / Delantero
KF 197	TOYOTA (COROLLA)	Front / Delantero
A KV 198	OPEL (ASTRA)	Front / Delantero
A KV 199	OPEL (ASTRA/ZAFIRA)	Front / Delantero
KA 200	CITROEN (C25), FIAT (DUCATO), PEUGEOT (J5)	Rear / Trasero
KF 201	FORD (FIESTA/FOCUS/FUSION), MAZDA (2)	Front / Delantero
A KV 202	OPEL (ASTRA/VECTRA)	Rear / Trasero
KF 203	SEAT (IBIZA/MALAGA/RONDA)	Front / Delantero
KV 204	FIAT (PANDA), SEAT (MARBELLA)	Rear / Trasero
KC 205	FSO (125/POLONEZ), LADA (NIVA)	Rear / Trasero
KA 206	ARO TV / MOSKVICH	
KA 207	ARO TV / MOSKVICH	
KA 208	ARO TV / MOSKVICH	

P Passive ABS / ABS pasivo

A Active ABS / ABS activo



KA



KB



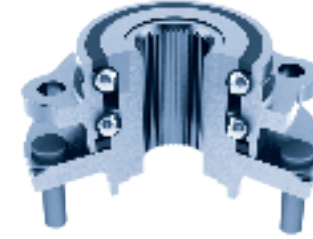
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KC 209	6306 2RS	6306 2RS							
KA 210	L 44645/ L 44613	L 44645/ L 44613	VKBA 562	R158.04	713690210	802464	QWB 241	K83202	5804
KA 211	U 399/U 360 L + COLLAR		VKBA 571	R165.03	713660230	892460	QWB 457	EK73705 / K 84008	6503
KA 212	U 399/U 360 L + COLLAR		VKBA 733	R165.05	713660260	892458	QWB 599	EK73710 / K 84006	6505
KA 213	05-02-4911	01-03-4016	VKBA 927	R158.02	713690110	801538	QWB 249	K83201	5802
KA 214	JL 69349/ JL 69310	JL 69349/ JL 69310	VKBA 949	R170.09	713615150	941636	QWB 722	K81903	7009
KV 215	F 16136		VKBA 1331	R159.22	713650250	602388	QWB 678	EK74254 / K 80723	5922
KF 216	REPLACED BY KF 182 / SUSTITUIDO POR EL KF 182								
KB 217	F 15137		VKBA 1363	R168.19	713613210	962718	QWB 763	K82312	6819
P KV 218	F 16137		VKBA 1441	R158.21	713690600	802378	QWB 734	K83224	5821
P KV 219	F 16138		VKBA 1475	R159.29	713640250	602314	QWB 830	EK78617 / K 80122	5929
KV 220	F 16139		VKBA 1481	R152.43	713678340	302186	QWB 860	EK78635 / K 81126	5243
P KV 221	F 16140		VKBA 1482	R152.44	713678700	302188	QWB 1189	EK78636 / K 81127	5244
P KV 222	F 16141		VKBA 1484	R152.45	713678360	302192	QWB 861	EK78638 / K 81129	5245
KC 223	6007 2RS/C3	6007 2RS/C3	VKBA 1930	R177.09	713623050	971455	QWB 896	K83401	7709
KC 224	6204 2RS/C3	6205 2RS/C3	VKBA 1931	R177.08	713623300	972453		K83402	7708
KF 225	F 16088		VKBA 1948	R170.32	713615090	940371		EK78888 / K 81906	7032
KV 226	F 16142		VKBA 1949	R170.23	713615510	942569	QWB 891	EK78632 / K 81907	7023
KF 227	F 16089		VKBA 1950 / VKBA 3780	R170.22	713615030	941700	QWB 890	EK78631 / K 81905	7022
KV 228	F 16143		VKBA 3218	R173.16	713619280	952608	QWB 926	EK78648	7316
KV 229	F 16144		VKBA 3250	R174.28	713617070	911385	QWB 965	K80326	7428
KV 230	F 16145		VKBA 3266	R184.02	713619050	922781	QWB 1081	EK78922 / K 81204	8402
KV 231	F 16146		VKBA 3267	R184.03	713619060	922783	QWB 1079	EK78921 / K 81203	8403
KV 232	F 16147		VKBA 3298	R170.24	713615530	942773		EK78930 / K 81908	7024
KF 233	F 16085		VKBA 3406	R154.33	713610340	100206	QWB 997	EK78747 / K 84160	5433

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KC 209	ARO TV / MOSKVICH	
KA 210	FIAT (126/500/600), FSO (126), SEAT (600)	Rear / Trasero
KA 211	VOLVO (140/164/240/260/740/760/P-1800)	Rear / Trasero
KA 212	VOLVO (740/760/780/940/960)	Rear / Trasero
KA 213	FIAT (126/500/600), FSO (126), SEAT (600)	Front / Delantero
KA 214	MAZDA (121/323)	Front / Delantero
KV 215	CITROEN (BX), PEUGEOT (405)	Rear / Trasero
KF 216	REPLACED BY KF 182 / SUSTITUIDO POR EL KF 182	
KB 217	NISSAN (SUNNY)	Rear / Trasero
P KV 218	ALFA ROMEO (145/146/155)	Rear / Trasero
P KV 219	CITROEN (XSARA/ZX), PEUGEOT (205/306)	Rear / Trasero
KV 220	FORD (FIESTA/COUGAR/MONDEO)	Rear / Trasero
P KV 221	FORD (FIESTA/COUGAR/MONDEO)	Rear / Trasero
P KV 222	FORD (MONDEO)	Rear / Trasero
KC 223	SUZUKI (ALTO/SWIFT)	Front / Delantero
KC 224	SUZUKI (ALTO/SWIFT), DAEWOO (TICO)	Rear / Trasero
KF 225	KIA (CARENS/SHUMA/SEPHIA), MAZDA (323/626/6/MVP/MX-5/MX-6/XEDOS 6/XEDOS 9)	Front / Delantero
KV 226	MAZDA (323/626)	Rear / Trasero
KF 227	KIA (SHUMA/SEPHIA), MAZDA (323/MX-5/MX-6)	Front / Delantero
KV 228	MITSUBISHI (GALANT)	Rear / Trasero
KV 229	HONDA (ACCORD), ROVER (600)	Front / Delantero
KV 230	HYUNDAI (ACCENT)	Rear / Trasero
KV 231	HYUNDAI (ACCENT)	Rear / Trasero
KV 232	MAZDA (323/MX-3)	Rear / Trasero
KF 233	VW (TRANSPORTER)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



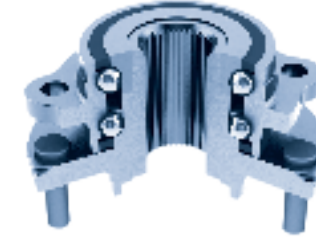
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KV 234	F 16148		VKBA 3418	R165.20	713660080	892735	QWB 1202	EK78820 / K 84023	6520
KV 235	F 16149		VKBA 3422	R153.22	713644550	202140	QWB 876	EK78657 / K 82513	5322
P KV 236	F 16150		VKBA 3424	R159.32	713630570	682305	QWB 1001	EK78805 / K 80125	5838
P KV 237	F 16151		VKBA 3442	R158.39	713690550	802315		K83237	5839
P KV 238	F 16152		VKBA 3444	R150.30	713667220	501121	QWB 1200	EK78904 / K 80520	5030
P KV 239	F 16153		VKBA 3445	R150.29	713649410	502123		EK78905 / K 80521	5029
KF 240	F 16086		VKBA 3449	R154.41	713610450	131129	QWB 1000	EK78869 / K 81135	5441
KF 241	F 16086		VKBA 3450	R154.42	713610460	132131	QWB 1146	EK78870 / K 81136	5442
KV 242	F 16154		VKBA 3458	R165.22	713660120	892843	QWB 1233	EK78968 / K 84021	6522
P KV 243	F 16155		VKBA 3468	R155.47	713630630	702355	QWB 952	EK78774 / K 82937	5547
KV 244	F 16156		VKBA 3469	R155.46	713630640	702357	QWB 951	EK78773 / K 82936	5546
KV 245	F 16188		VKBA 3488	R165.23	713660370	891628	QWB 1039	EK78803 / K 84025	6517
P KV 246	F 16157		VKBA 3491	R155.56	713630650	702321	QWB 1131	K82949	5556
KV 247	F 16158		VKBA 3512	R153.30	713644030	201031	QWB 1117	EK79088 / K 82525	5330
KA 248	LM 11949/10	L 45449/10	VKBA 3519	R154.50	713610370	102055	QWB 1155	K80215	5450
KV 249	F 16159		VKBA 3526	R165.26	713660310	891869	QWB 1241	K84028	6526
KV 250	F 16160		VKBA 3536	R157.26	713610390	100053		K80217	5466
A KV 251	F 16161		VKBA 3540	R158.46	713690710	802839	QWB 1101	EK79117 / K 80125	5846
P KV 252	F 16162		VKBA 3555	R153.27	713644570	202218	QWB 879	EK78797 / K 82528	5327
KC 253			VKBA 607	R158.11	713690200	802480	QWB 177C	K83207	5811
KA 254	LM 67049/14	LM 67049/14	VKBA 749	R161.09	713620130	881592	QWB 159C	EK73729 / K 80334	6109
KA 255	JLM 104945/10	JLM 104945/10	VKBA 829	R140.23	713630330	701726	QWB 474	EK73493 / K 82950	4023
KC 256	6207 C3	F 19074	VKBA 910	R154.08	713611550	102094	QWB 494	EK73600 / K 82364	5408
KA 257	F 15164	F 15164	VKBA 919	R152.33	713678290	302122	QWB 533	K81115	5233

P Passive ABS / ABS pasivo**A** Active ABS / ABS activo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KV 234	VOLVO (S70/V70/C70/850)	Rear / Trasero
KV 235	OPEL (ASTRA/MERIVA/VECTRA)	Rear / Trasero
P KV 236	CITROEN (EVASION/JUMPY) FIAT(SCUDO/ULYSSE), LANCIA (ZETA), PEUGEOT (806/EXPERT)	Rear / Trasero
P KV 237	ALFA ROMEO (145/146), FIAT (BRAVA/BRAVO/BARCHETTA/MAREA)	Rear / Trasero
P KV 238	BMW (SERIE 5/Z8)	Front / Delantero
P KV 239	BMW (SERIE 5)	Rear / Trasero
KF 240	FORD (GALAXY), SEAT (ALHAMBRA), WV (SHARAN)	Front / Delantero
KF 241	FORD (GALAXY), SEAT (ALHAMBRA), WV (SHARAN)	Rear / Trasero
KV 242	VOLVO (S40/V40)	Rear / Trasero
P KV 243	RENAULT (LAGUNA)	Rear / Trasero
KV 244	RENAULT (LAGUNA)	Rear / Trasero
KV 245	VOLVO (S70/V70/C70/850)	Front / Delantero
P KV 246	RENAULT (MEGANE/SCENIC)	Rear / Trasero
KV 247	OPEL (ASTRA/ZAFIRA)	Front / Delantero
KA 248	AUDI (A4/CABRIO), SEAT (INCA), WV (CADDY)	Rear / Trasero
KV 249	VOLVO (S70/V70/C70)	Front / Delantero
KV 250	AUDI (A4/A6/A8), SEAT (EXEO), WV (PASSAT)	Rear / Trasero
A KV 251	ALFA ROMEO (146/145/MITO), CITROEN (NEMO), FORD (KA), LANCIA (DELTHA/LYBRA/MUSSA/Y/PSILON) FIAT (BARCHETTA/BRAVA/BRAVO/FIORINO/MAREA/MULTIPLA/PALIO/PANDA/PUNTO/ESTILO/500)	Rear / Trasero
P KV 246	OPEL (ASTRA/COMBO/ZAFIRA/MERIVA/VECTRA), SAAB (9-3/9-5/900)	Rear / Trasero
KC 253	FIAT (ARGENTA/124/125/131/132), FSO (125P)	Rear / Trasero
KA 254	AUSTIN (MINI), ROVER (MINI)	Front / Delantero
KA 255	RENAULT (MASTER)	Front / Delantero
KC 256	WV (TRANSPORTER)	Rear / Trasero
KA 257	FORD (SCORPIO/MONDEO/SIERRA)	Rear / Trasero

P Passive ABS / ABS pasivo**A** Active ABS / ABS activo



KA



KB



KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KV 258	F 16163		VKBA 968	R155.18	713630560	702380		EK73501 / K 82932	5515
KF 259	F 16034		VKBA 1340	R169.50	713618020	981616	QWB 766	EK74281	6950
KV 260	F 16164		VKBA 1375	R174.16	713617270	912532	QWB 742	K80313	7416
KF 261	F 16031		VKBA 1403	R158.18	713690070	800400	QWB 846	EK74221 / K 83216	5818
KB 262	REPLACED BY KB 192 / SUSTITUIDO POR EL KB 192								
KB 263	F 15068		VKBA 1467	R140.85	713678610	302166	QWB 865	EK78643 / K 81159	4085
KF 264	F 16107		VKBA 1488	R160.15 / R160.20	713690540	801500	QWB 1118	EK74215 / K 80119	6015
KC 265			VKBA 1971	R177.11	713623090	972571		K83451	7711
KA 266	30208 F		VKBA 3206	R140.91	713613410	962435		EK74331	4091
KV 267	F 16165		VKBA 3225	R168.24	713613640	962548	QWB 939	EK78653 / K 82302	6824
KA 268	32209 F		VKBA 3321		713613590	962905		EK78654 / K 82364	6852
KA 269	32205 BF	32007 XF	VKBA 3407	R140.81	713630550	702586	QWB 942	K82958	4081
KF 270	F 16093		VKBA 3413	R158.34	713690780	801364	QWB 854	K83235	5834
KV 271	F 16166		VKBA 3415	R165.17	713660040	891628	QWB 1039	EK78803 / K 84018	6517
KA 272	32011 XF	32011 XF	VKBA 3428	R140.94	713650330	681325	QWB 1005	EK78786 / K 80755	4094
KA 273	33205 F	LM 501349/10	VKBA 3434	R140.76	713667600	401137	QWB 1196	K82051	4076
KF 274	F 16132		VKBA 3447			502135			5027
KV 275	F 16167		VKBA 3480	R166.26	713630090	602347	QWB 1152	EK78896 / K 80732	6626
P KV276	F 16168		VKBA 3489	R154.44	713610500	102011	QWB 1137	K84108	5444
P KV277	F 16108		VKBA 3492	R155.61	713630830	701914	QWB 1096	K82966	5561
KB 278	F 15168		VKBA 3500	R155.64	713630800	701860	QWB 1085	K82959	4006
KV 279	F 16169		VKBA 3514 / VKBA 3515	R153.34	713644020	202059	QWB 1115	EK79090 / K 82527	5334
KF 280	F 16109		VKBA 3522	R151.26	713667740	400051	QWB 1195	K82017	5126
KF 281	F 16002		VKBA 3528	R158.41	713690670	801880		K83238	5841
A KF 282	F 16110		VKBA 3531	R152.55	713678100	301045	QWB 1127	EK79100 / K 81140	5255
P KV 283	F 16111		VKBA 3581	R158.58					

P Passive ABS / ABS pasivo

A Active ABS / ABS activo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KV 258	RENAULT (SPACE/FUEGO/MEGANE/SCENIC/EXPRESS/SAFRANE/18/21/25/30)	Rear / Trasero
KF 259	TOYOTA (CAMRY/CARINA/CELICA/MR2/RAV4)	Front / Delantero
KV 260	HONDA (ACCORD/CIVIC)	Rear / Trasero
KF 261	ALFA ROMEO (164) FIAT (CROMA/TEMPRA), LANCIA (DEDRA/DELTA/PRISMA/THEMA)	Front / Delantero
KB 262	REPLACED BY KB 192 / SUSTITUIDO POR EL KB 192	
KB 263	FORD (TRANSIT)	Rear / Trasero
KF 264	ALFA ROMEO (145/146/155/164/GTV/SPIDER), FIAT (BRAVO/COUPE/CROMA/MAREA), LANCIA (DELTA/KAPPA/THEMA)	Front / Delantero
KC 265	SUZUKI (JIMNY/SAMURAI/SJ)	Rear / Trasero
KA 266	NISSAN (PICK UP/TERRANO/URBAN)	Rear / Trasero
KV 267	NISSAN (MICRA)	Rear / Trasero
KA 268	NISSAN (PATROL)	Rear / Trasero
KA 269	RENAULT (TRAFFIC)	Rear / Trasero
KF 270	FIAT (PUNTO)	Front / Delantero
KV 271	VOLVO (S70/V70/C70/850)	Front / Delantero
KA 272	CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	Front / Delantero
KA 273	MERCEDES (T1./SPRINTER), VW (LT)	Front / Delantero
KF 274	BMW (3/5)	Front / Delantero
KV 275	CITROEN (SAXO), PEUGEOT (106)	Rear / Trasero
P KV276	AUDI (A6), SKODA (SUPERB), VW (PASSAT/SANTANA)	Rear / Trasero
P KV277	RENAULT (LAGUNA)	Front / Delantero
KB 278	OPEL (MOVANO), RENAULT (MASTER)	Front / Delantero
KV 279	OPEL (ASTRA, ZAFIRA)	Rear / Trasero
KF 280	MERCEDES(CLASE M)	Front & Rear / Delantero y Trasero
KF 281	FIAT (PALIO/SIENA/STRADA)	Front / Delantero
A KF 282	FORD (FIESTA/FUSION/FOCUS)	Front / Delantero
P KV 283	ALFA ROMEO (146/145/MITO), CITROEN (NEMO), FORD (KA), LANCIA (DELTA/LYBRA/MUSSA/Y/PSILON) FIAT (BARCETTA/BRAVA/BRAVO/FIORINO/MAREA/MULTIPLA/PALIO/PANDA/PUNTO/ESTILO/500)	Front / Delantero

P Passive ABS / ABS pasivo

A Active ABS / ABS activo



KA



KB



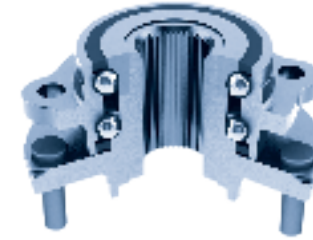
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
P KV 284	F 16170		VKBA 3548	R154.45	713610210/ 713610320	102075	QWB 1257		5445
P KV 285	F 16171		VKBA 3550	R154.52	713610530	101029		K84110	5452
A KV 286	F 16172		VKBA 3567	R157.31	713610490	102077	QWB 1160	K83107	5731
P KV 287	F 16173		VKBA 3569	R157.32	713610470	101027		K83109	5732
P KV 288	F 16112		VKBA 3577	R158.42	713690860	801950	QWB 1098	EK79078/ K 83241	5842
P KV 289	F 16113		VKBA 3584	R159.44	713630760	601953	QWB 1265		5944
P KV 290	F 16174		VKBA 3585	R159.42	713630820	602956	QWB 1228		5942
KV 291	F 15154		VKBA 3588	R152.60	713678650	301185	QWB 1258		5260
KF 292	F 16083		VKBA 3600	R153.39	713644080	201095	QWB 1211		5339
KB 293	F 15168		VKBA 3613	R140.06	713630790	701860		K82959	4006
P KV294	F 16175		VKBA 3635	R159.46	713640010	682263	QWB 1273		5946
KB 295	F 15168		VKBA 3640	R140.17	713640390	681375			4017
KB 296	F 15121		VKBA 3641	R140.38	713640400	681471			4038
P KV 297	F 16176		VKBA 3667		713667060	501136	QWB 786	K80516	5022
KF 298	F 16068		VKBA 3729	R169.38	713618550	981856		K83729	6938
KF 299	F 16057		VKBA 3907	R184.05					
KF 300	F 16114		VKBA 3628	R151.25	713667890	402243			5128
KF 301	F 16115		VKBA 1933	R177.06	713623060	971575	QWB 959	K83403	7706
KF 302	F 16116		VKBA 3647	R165.24	713660130	891477	QWB 1231	K84024	6524
KF 303	F 16046		VKBA 3499	R150.31	713667230	502109	QWB 1223	K80526	5031
KF 304	F 16117		VKBA 3245	R174.25	713617030	911377	QWB 1002	EK78853/ K80328	7425
KV 305	F 16177		VKBA 3546	R159.40	713630540	602645	QWB 1276	K82620	5940
KF 306	F 16054		VKBA 1356	R157.24	713610350	100099			
KF 307	F 16054		VKBA 1356	R157.14	713610410				
KF 308	F 16118		VKBA 3427	R157.16	713610070	101111	QWB 1154	EK78822/ K 80208	5716
KF 309	F 16119		VKBA 3945	R169.60	713618760	981475		K83707	6936
KF 310	F 16120		VKBA 3216	R169.24	713618040	981851		K83728	6924
KF 311	F 16105					981799			6964
KF 312	F 16121		VKBA 3504	R155.52	713630710	701852		K82945	5502
KF 313	F 16122		VKBA 3490	R166.28	713630060	601323		EK78999/ K 80734	6628
KF 314	F 16051		VKBA 908	R155.14	713630370	701424	QWB 498	K82952	4045

P Passive ABS / ABS pasivo

A Active ABS / ABS activo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
P KV 284	SEAT (AROSA/CORDOBA/IBIZA), WV (LUPO/POLO)	Rear / Trasero
P KV 285	AUDI (A2), WV (LUPO)	Front / Delantero
A KV 286	AUDI (A2), SEAT (CORDOBA/IBIZA), SKODA (FABIA), WV (FOX/POLO))	Rear / Trasero
P KV 287	AUDI (A2), SEAT (CORDOBA/IBIZA), SKODA (FABIA), WV (FOX/POLO))	Front / Delantero
P KV 288	FIAT (PANDA/SEICENTO/500), FORD (KA)	Front / Delantero
P KV 289	CITROEN (BERLINGO/C3/C4/C5), PEUGEOT (207/307/308/3008/PARTNER)	Front / Delantero
P KV 290	CITROEN (C4), PEUGEOT (307)	Rear / Trasero
KV 291	FORD (TRANSIT)	Front / Delantero
KF 292	OPEL (COMBO/CORSA/MERIVA/TIGRA)	Front / Delantero
KB 293	OPEL (MOVANO), RENAULT (MASTER)	Front / Delantero
P KV 294	CITROEN (C8), FIAT (ULYSSE), LANCIA (PHEDRA), PEUGEOT (807)	Rear / Trasero
KB 295	CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	Front / Delantero
KB 296	CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	Front / Delantero
P KV 297	BMW (SERIE 3/Z3/Z4)	Front / Delantero
KF 298	TOYOTA (COROLLA)	Front / Delantero
KF 299	HYUNDAI (ACCENT/ATOS/COUPE/GETZ/LANTRA), KIA (RIO)	Front / Delantero
KF 300	FORD (TRANSIT)	Rear / Trasero
KF 301	SUZUKI (SWIFT)	Front / Delantero
KF 302	VOLVO (S40)	Front / Delantero
KF 303	BMW (Z1/Z3)	Rear / Trasero
KF 304	HONDA (CIVIC IV-V, CR-V, LOGO)	Front / Delantero
KV 305	CITROEN (XSARA), PEUGEOT (306)	Rear / Trasero
KF 306	AUDI (A4,A8,ALLROAD, V8, A8, COUPE, CABRIO, 80, 100, 200) SKODA (SUPERB), WV (PASSAT)	Front / Delantero
KF 307	AUDI (A4,A8,ALLROAD, V8, A8, COUPE, CABRIO, 80, 100, 200) SKODA (SUPERB), WV (PASSAT)	Rear / Trasero
KF 308	AUDI (A4,A8)	Front / Delantero
KF 309	RENAULT (LAGUNA/MEGANE/SAFRANE)	Front & Rear / Delantero y Trasero
KF 310	TOYOTA (PASEO)	Front / Delantero
KF 311	LEXUS (RX), TOYOTA (AVENSIS)	Front / Delantero
KF 312	RENAULT (AVANTTIME, ESPACE III)	Front / Delantero
KF 313	CITROEN (XM), PEUGEOT (605, 607)	Front / Delantero
KF 314	RENAULT (TRAFFIC)	Front / Delantero

P Passive ABS / ABS pasivo

A Active ABS / ABS activo



KA



KB



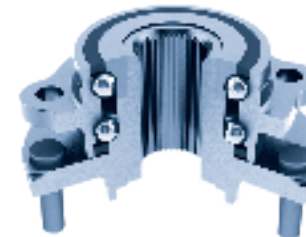
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KF 315	F 16123		VKBA 3616	R155.71	713644130	201085	QWB 1252		4099
KF 316	F 16119		VKBA 3237	R169.36	713618860	981475	QWB 1142	K83707	6936
KF 317	F 16090		VKBA 1973	R173.10	713619150	951449		EK78651	7310
KB 318	F 15172		VKBA 3311	R168.42	713613490	961753		EK78704	6839
KF 319	F 16191		VKBA 6643	R153.46					
KF 320	F 16124		VKBA 1377	R174.13	713617160	911600	QWB 490	EK73674 / K 80309	7413
KF 321	F 16125		VKBA 3703	R168.40	713613790	961479	QWB 941	K82319	6840
P KV 322	F 16178		VKBA 3660	R152.62	713678790	301667	QWB 1368		5262
KV 323	F 15177		VKBA 3654	R152.66	713678730	302903			5267
P KV 324	F 15178		VKBA 3655	R152.66	713678730	302901			5266
KV 325	F 15179		VKBA 3589	R152.58	713678670	302255	QWB 1259		5258
P KV 326	F 15180		VKBA 3590	R152.59	713678660	302257	QWB 1260		5259
KF 327	F 16036		VKBA 1432	R152.39	713678040	301132	QWB 817	EK74340 / K 81120	5239
P KV 328	F 16179		VKBA 3576	R152.24	713678430	302197	QWB 1236		5224
P KV 329	F 16126		VKBA 3575	R152.23	713678410	301183	QWB 1261		5223
P KV 330	F 16180		VKBA 3652	R153.50	713644340	202625			5350
P KV 331	F 16181		VKBA 3653	R153.49	713644330	202627			5349
P KV 332	F 16182		VKBA 3651	R153.48	713644320	201623			5348
P KV 333	F 16183		VKBA 3650	R153.47	713644310	201621			5347
KF 334	F 16127		VKBA 3648	R155.74	713644290	701247			5574
P KV 335	F 16184		VKBA 6507	R153.43	713644270	201691			5343
P KV 336	F 16185		VKBA 3624	R153.41 / R184.07	713644260 / 713619450	202519 / 922219	QWB 1076		5341
KV 337	F 16186		VKBA 3602	R153.38	713644230	202023			5338
KB 338	F 15128		VKBA 3601	R153.37	713644220	202021	QWB 1212		5337
KB 339	F 15173		VKBA 3617	R155.70	713644140	202101	QWB 1253		5570
P KV 340	F 16128		VKBA 3618	R155.69	713644120	201089	QWB 1251		5569
KF 341	F 16129		VKBA 3572	R153.36	713644110	202224		K82530	5336
KF 342	F 16130		VKBA 3571	R153.35	713644100	201087		K82529	5335
P KV 343	F 16187		VKBA 3620	R153.40	713644090	201517			5340
KB 344	F 15174		VKBA 3614	R140.01	713630780	702846		K82960	4001
KB 345	F 15043		VKBA 3521	R151.32	713667320	402063	QWB 1069	K82016	5132
P KV 346	F 16131		VKBA 3538	R158.44	713690750	801836	QWB 1102	K80123	5844
KA 347	F 15164	F 15164	VKBA 918	R152.32	713678770	302120	QWB 532	EK73558 / K 81115	5232

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KF 315	NISSAN (PRIMASTAR), OPEL (VIVARO)	Front / Delantero
KF 316	TOYOTA (CAMRY, MR2, PICNIC)	Front / Delantero
KF 317	HYUNDAI (SONATA), MITSUBISHI (SPACE WAGON, TREDIA)	Front / Delantero
KB 318	NISSAN (SERENA/VANETTE/300Z)	Front / Delantero
KF 319	OPEL (AGILA)	Front / Delantero
KF 320	HONDA (CIVIC I-II-III), ROVER (200)	Front / Delantero
KF 321	NISSAN (MICRA)	Front / Delantero
P KV 322	FORD (FOCUS, C-MAX)	Front / Delantero
KV 323	FORD (TRANSIT)	Rear / Trasero
P KV 324	FORD (TRANSIT)	Rear / Trasero
KV 325	FORD (TRANSIT)	Rear / Trasero
P KV 326	FORD (TRANSIT)	Rear / Trasero
KF 327	FORD (ESCORT, FIESTA, PUMA, ORION)	Front / Delantero
P KV 328	FORD (MONDEO), JAGUAR (X-TYPE),	Rear / Trasero
P KV 329	FORD (MONDEO), JAGUAR (X-TYPE),	Front / Delantero
P KV 330	OPEL (ASTRA)	Rear / Trasero
P KV 331	OPEL (ASTRA, ZAFIRA)	Rear / Trasero
P KV 332	OPEL (ASTRA, ZAFIRA)	Front / Delantero
P KV 333	OPEL (ASTRA)	Front / Delantero
KF 334	NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE, VEL SATIS, TRAFFIC)	Front / Delantero
P KV 335	OPEL (SIGNUM, VECTRA)	Front / Delantero
P KV 336	FIAT (CROMA), OPEL (SIGNUM, VECTRA), SAAB (9-3)	Rear / Trasero
KV 337	OPEL (CORSA, TIGRA)	Rear / Trasero
KB 338	OPEL (CORSA, TIGRA)	Rear / Trasero
KB 339	NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE, TRAFFIC)	Rear / Trasero
P KV 340	NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE)	Front / Delantero
KF 341	OPEL (AGILA)	Rear / Trasero
KF 342	OPEL (AGILA)	Front / Delantero
P KV 343	FIAT (CROMA), OPEL (SIGNUM, VECTRA), SAAB (9-3)	Front / Delantero
KB 344	RENAULT (MASTER), OPEL (MOVANO)	Rear / Trasero
KB 345	MERCEDES (CLASE A),	Rear / Trasero
P KV 346	CITROEN (NEMO), FIAT (BRAVO, FIORINO, IDEA)	Front / Delantero
KA 347	FORD (SCORPIO, ESCORT, SIERRA)	Rear / Trasero

P Passive ABS / ABS pasivo



KA



KB



KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KF 348	F 16132		VKBA 3452/ VKBA 3668	R150.27	713649280	502135	QWB 1194	K80523	5025
KA 349	30304 F	30206 F	VKBA 708	R178.00	713614010	801618	QWB 493	EK73716	7800
KB 350	F 15175		VKBA 3639	R155.77	713630950	702982			5577
P KV 351	F 16133		VKBA 3637/ VKBA 3991	R155.75	713630840	701977	QWB 1254		5575
KF 352	F 16134		VKBA 1346	R169.14	713618370	982780	QWB 704	K83720	6914
KV 353	F 16192		VKBA 3930	R169.30	713618670	982939		EK79068	6930
P KV 354	F 16135		VKBA 3657	R166.03	713640310	601253	QWB 455		6603
KB 356	F 15187		VKBA 3551	R140.13	713690830	681923		K80758	4013
KB 357			VKBA 3680	R159.48	713640470	602893			
P KV 358			VKBA 3656	R154.55	713610690	102213			5454
P KV 359			VKBA 3643	R154.56	713610610	101017			5456
P KV 360			VKBA 6556	R154.61	713610770	101699			
P KV 361			VKBA 6558	R154.54	713610830	102019			5455
KB 362	F 15121		VKBA 3552	R140.14	713690840	682925		K80759	4014
P KV 363					713670030	991863			8604
KB 364			VKBA 3676	R155.78	713630970	702983			5579
KB 365			VKBA 3935	R189.07	713626090	941941			
P KV 366			VKBA 3638	R155.76	713630850	701978			5576
P KV 367			VKBA 3644	R154.54	713610620	102019			5455
KB 368	F 15041		VKBA 3658	R166.07	713640320	602669			6607
KB 369			VKBA 6544	R159.53	713640480	602883			5950
KF 370			VKBA 3979	R169.68	713618770	981199			
KF 371			VKBA 3615	R155.72	713630920	700245	QWB 1264		5572
KB 372	F 15121		VKBA 3690	R141.03	713690940	681471			4038
P KV 373			VKBA 3598	R158.54	713690800	801974			5854
KV 374			VKBA 3674	R162.50	713649350	501161			6250
P KV 375			VKBA 3608	R155.07	713630900	701975	QWB 1263		5507
KF 376	F 16019		VKBA 3786	R190.00	713644660	971391		EK78813	5314
P KV 377			VKBA 3503	R160.48	713606040	802870	QWB 1287	K80128	6026
P KV 378			VKBA 3574	R150.33	713667790	501158			5033
KF 380			VKBA 3981	R168.62	713613810				

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KF 348	BMW (3/7/850/X3/Z3/Z4)	Rear / Trasero
KA 349	SKODA (105, 130, RAPID)	Front / Delantero
KB 350	RENAULT (CLIO, MEGANE, MODUS)	Rear / Trasero
P KV 351	DACIA (LOGAN, SANDERO), NISSAN (MICRA), RENAULT (CLIO)	Front / Delantero
KF 352	TOYOTA (COROLLA)	Rear / Trasero
KV 353	TOYOYA (YARIS)	Rear / Trasero
P KV 354	CITROEN (C2, C3, DS3), PEUGEOT (207, 1007)	Front / Delantero
KB 356	IVECO (DAILY I)	Front / Delantero
KB 357	CITROEN C4, PEUGEOT 307	Rear / Trasero
P KV 358	AUDI A3, SEAT ALTEA, LEON, SKODA OCTAVIA	Rear / Trasero
P KV 359	AUDI A3, SKODA OCTAVIA	Front / Delantero
P KV 360	AUDI (A3), SEAT (ALTEA/LEON), SKODA (OCTAVIA/YETI), VW (CADDY III/GOLF V/TOURAN)	Front / Delantero
P KV 361	AUDI (A3/TT), SEAT (ALHAMBRA/ALTEA/TOLEDO), SKODA (OCTAVIA/SUPERB), VW (EOS/GOLF/JETTA/PASSAT/SCIROCCO/SHARAN/TIGUAN/TOURAN)	Rear / Trasero
KB 362	IVECO (Daily I/II)	Rear / Trasero
P KV 363	JEEP (GRAND CHEROKEE II)	Front / Delantero
KB 364	RENAULT MEGANE II, SCENIC, GRAND SCENIC	Rear / Trasero
KB 365	KIA (CARNIVAL)	Front / Delantero
P KV 366	RENAULT (CLIO III/MEGANE/MODUS/SCENIC/GRAND SCENIC/TWINGO)	Front / Delantero
P KV 367	AUDI (A3/TT), SEAT (ALTEA/ALHAMBRA/TOLEDO), SKODA (OCTAVIS/SUPER-B/YETI), VW (EOS/GLOF/JETTA/PASSAT/SCIROCCO/TIGUAN/TOURAN)	Rear / Trasero
KB 368	CITROEN (C2/C3/), PEUGEOT (1007)	Rear / Trasero
KB 369	CITROEN (C3/C4/DS3), PEUGEOT (207/307)	Rear / Trasero
KF 370	TOYOTA (AVENSIS/COROLLA)	Front / Delantero
KF 371	RENAULT (CLIO/KANGOO/SCENIC/MEGANE)	Front & Rear / Delantero y Trasero
KB 372	CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	Front / Delantero
P KV 373	FIAT (BRAVO/STYLO), KANCIA (DELTA III)	Front / Delantero
KV 374	MINI	Front / Delantero
P KV 375	RENAULT (LAGUNA)	Front & Rear / Delantero y Trasero
KF 376	CHEVROLET-DAEWOO (LANOS/KALOS)	Front / Delantero
P KV 377	ALFA ROMEO (147/156/GT)	Rear / Trasero
P KV 378	BMW (SERIE 3/5/X3/X5)	Front / Delantero
KF 380	NISSAN (ALMERA TINO/ MAXIMA/PRIMERA/X-TRAIL)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



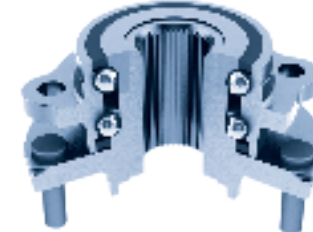
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KF 381			VKBA 3272	R168.63	713613780	961229			
KF 382			VKBA 6831	R169.61	713618780				
KA 383	F 15029	F 15029	VKBA 3666	R152.64		302058		EK74341	5237
KB 384	F 15067		VKBA 6515	R152.56		302057		K81141	5256
			VKBA 6520	R141.05	713678870	301574			
KV 386			VKBA 3661	R152.69					
KV 387			VKBA 6525	R141.09	713678900	301583			
KF 388			VKBA 6812	R184.13		921906			4700511
KA 389	L 44649/10	LM 11949/10	VKBA 904	R170.08	713615210	942566	QWB 602	EK73819	7008
KB 390			VKBA 3689	R140.17	713690930	681375			4017
KF 391			VKBA 6570	R141.45	713640550	681471			4038
KA 392	LM 300849/11	LM 603049/11	VKBA 3205	R168.59	713613750	961801		EK74330	
KA 393	JL 69349/10	JL 69349/10	VKBA 1928	R170.26	713615130	941874		EK74240	7026
P KV 394			VKBA 3646	R154.58	713610760	100013			5458
P KV 395			VKBA 3606	R157.27	713610700	102071	QWB 1270		5727
KF 396			VKBA 1319	R150.10	713649260	502070	QWB 513	K80509	5010
KA 397	JL 69349/10	LM 102949/10	VKBA 3284	R189.00	713626110 / 713626480	921555		EK78927	8900
P KV 398			VKBA 3580	R160.30	713606300	801961			6030
P KV 399			VKBA 3683	R159.47	713640500	601675			5947
KB 400			VKBA 3995	R168.61					
KV 401			VKBA 3627		713618630	892587			6532
KB 402	F 15174		VKBA 3501	R155.65	713630810	702846	QWB 1086	K82960	4001
KV 403			VKBA 3562	R159.43	713650520				
KA 404			VKBA 1985	R153.42	713644010	201262	QWB 963	EK78659	5328
KA 405	L 68149/11	L 68149/11	VKBA 3901	R184.53	713625140	971917	QWB 1285	EK79039	8453
KA 406			VKBA 6537	R151.38	713667800	401501			5138
KA 407			VKBA 3936	R189.08	713626100	942942			
P KV 408			VKBA 3685		713661020	402467			
P KV 409			VKBA 3583	R158.53	713690730	802980			5853
P KV 410			VKBA 3693	R159.49	713640510	602681			5949
P KV 411			VKBA 3502	R160.25	713690760	801970	QWB 1099		6025
KV 412			VKBA 3794	R184.11	713619490 / 713619480	922921			8411
KA 413	30205 F	30204 F	VKBA 3796	R184.52	713625120	972918	QWB 1286	EK79041	8452
KA 414			VKBA 6530	R151.36S	713667820	401157			5136

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KF 381	NISSAN (ALMERA/MICRA)	Front / Delantero
KF 382	TOYOTA (ALVIS/AVENSIS/CELICA/COROLLA/MR2/WISH LIMUSNIA)	Front / Delantero
KA 383	FORD (ESCORT, FIESTA/KA/PUMA/STREET KA)	Rear / Trasero
KB 384	FORD (FIESTA V/ FOCUS/FUSION)	Rear / Trasero
P KV 385	FORD (TOURNEO CONNECT)	Front / Delantero
KV 386	FORD (FOCUS C-MAX/C-MAX/FOCUS II)	Rear / Trasero
KV 387	FORD (TRANSIT TOURNEO/TRANSIT AUTOBUS)	Front / Delantero
KF 388	HYUNDAI (COUPE/ELANTRA/MATRIX), KIA (CERATO)	Front / Delantero
KA 389	KIA (RIO), MAZDA 626 II Hatchback)	Rear / Trasero
KB 390	FIAT (DUCATO)	Front / Delantero
KF 391	CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	Front / Delantero
KA 392	NISSAN (PATHFINDER/TERRANO I-II/ PICK UP)	Front / Delantero
KA 393	KIA (PRIDE/RIO), MAZDA (121/DEMIO)	Front / Delantero
P KV 394	VW (MULTIVAN, TUAREG/TRANSPORTER/	Front & Rear / Delantero y Trasero
P KV 395	AUDI (A4) SEAT /EXEO)	Rear / Trasero
KF 396	BMW (5/6/7)	Rear / Trasero
KA 397	KIA (SPORTAGE)	Front / Delantero
P KV 398	ALFA ROMEO (147)	Front / Delantero
P KV 399	CITROEN (C5/C6), PEUGEOT (308/407/508/607)	Front / Delantero
KB 400	NISSAN (VANETTE/SERENA/TERRANO)	Rear / Trasero
KV 401	VOLVO (XC-90)	Rear / Trasero
KB 402	OPEL (MOVANO), RENAULT (MASTER)	Rear / Trasero
KV 403	CITROEN (XANTIA), PEUGEOT (406)	Rear / Trasero
KA 404	ISUZU (TROOPER/D-MAX), OPEL (CAMPO/FRONTERA/MONTERREY)	Front / Delantero
KA 405	CHEVROLET-DAEWOO (MATIZ/SPARK)	Front / Delantero
KA 406	MERCEDES (CLS/CLASE E/SL)	Front / Delantero
KA 407	KIA (CARNIVAL)	Rear / Trasero
P KV 408	MITSUBISHI (COLT), SMART (FORFOUR)	Rear / Trasero
P KV 409	FIAT (DOBL0/FIORINO/STYLO)	Rear / Trasero
P KV 410	CITROEN (C5/C6), PEUGEOT (407/607)	Rear / Trasero
P KV 411	ALFA ROMEO (147/156/GT), LANCIA (THESIS)	Front / Delantero
KV 412	HIUNDAY (ACCENT/LANTRA/COUPE)	Rear / Trasero
KA 413	CHEVROLET-DAEWOO (MATIZ/SPARK)	Rear / Trasero
KA 414	MERCEDES (CLASE C/ CLC/ CLK/SLK/CLASE E)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



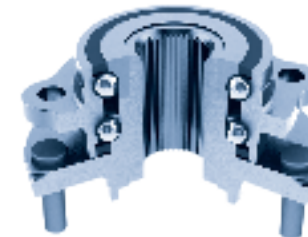
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KA 415	LM 11749/10	L 44649/10	VKBA 3792	R184.33					
KB 416			VKBA 3236	R181.10	713622150	972709		EK78792	8110
KF 417			VKBA 3969		713623560				
KF 418			VKBA 3682	R150.41	713649390	502691			5041
KC 419			VKBA 3220	R177.13	713623150	972688	QWB 785	K83453	7713
P KV 420			VKBA 3570	R182.61	713610660	102079	QWB 1283	K84109	8261
P KV 421			VKBA 3645	R154.10	713610640	100003			5410
KB 422			VKBA 3435	R154.46	713667030	402117	QWB 1179	EK78933	5446
KA 423			VKBA 3775	R173.20	713619540	952936			7307
KB 424			VKBA 3642	R140.37	713640330	682437			4037
P KV 425			VKBA 6546	R154.57	713610480	100007			5457
KF 426			VKBA 3951	R174.40	713617450	911802			
KV 427			VKBA 6906						
KF 428			VKBA 3902	R184.55	713644830	971940			
KF 429			VKBA 3929	R169.29	713618660	981938		EK79067	6929
KA 430			VKBA 3331	R168.54	713613080	961411		EK78656	6854
KV 431			VKBA 3670	R150.37	713667070	501653			5037
KV 432			VKBA 3681	R150.40	713649380	501513			5040
KF 433			VKBA 3543	R164.18	713665020	891887	QWB 1282	EK79134	6418
P KV 434			VKBA 3633	R159.45	713640020	681261	QWB 957		5945
P KV 435			VKBA 3659	R166.32	713640030	602251			6632
KB 436			VKBA 3662						
P KV 437			VKBA 6551	R153.55		801838		K80124	5843
KV 438			VKBA 6837	R184.16		922488			8420
KV 439			VKBA 1643	R186.01	713670020	991898		EK79107	8601
P KV 440			VKBA 3497	R155.54	713630730	702866	QWB 1132	K82947	5554
KF 441			VKBA 3527	R161.03	713620030	880912	QWB 1116	K83055	6103
KF 442			VKBA 3997	R168.65	713613870				
KB 443			VKBA 3235	R181.09	713622140	971707		EK78811	8109
KC 444			VKBA 1972	R177.01	713623100	972573	QWB 904	EK73813	7701
P KV 445			VKBA 3594	R166.31	713630770	602955	QWB 1266		6631
KF 446	F 16040		VKBA 3607	R157.46					
P KV 447			VKBA 3691	R160.51	713606340	802612			6052
KF 448	F 16036		VKBA 3785	R190.01	713644670	971393		K80410	5315

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KA 415	HYUNDAI (ATOS/PONY), MITSUBISHI (CELESTE/COLT/CORDIA/GALANT/LANCER/APSCWAGON/TREDIA)	Rear / Trasero
KB 416	SUBARU (IMPRESA/FORESTER/LEGACY I-II)	Rear / Trasero
KF 417	SUZUKI (JIMNY)	Front / Delantero
KF 418	BMW (1/3/Z4)	Rear / Trasero
KC 419	SUZUKI (VITARA/X-90)	Rear / Trasero
P KV 420	SEAT (INCA), VW (CADDY)	Rear / Trasero
P KV 421	AUDI (Q7), PORSCHE (CAYENNE) VW (TOUAREG)	Front / Delantero
KB 422	MERCEDES (G/SPRINTER) VW (LT)	Rear / Trasero
KA 423	MITSUBISHI (STORM/STRADA/ L200/L300/L400)	Rear / Trasero
KB 424	CITROEN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	Rear / Trasero
P KV 425	AUDI (A6/A8), VW (TOUAREG)	Front / Delantero
KF 426	HONDA (ACCORD/CIVIC/CR-V/PRELUDE/STREAM/S2000)	Front / Delantero
KV 427	TOYOTA (LAND CRUISER)	Front / Delantero
KF 428	CHEVROLET (NUBIRA/LACETTI/OPTRA/TACUMA/VIVANT)	Front / Delantero
KF 429	TOYOTA (ECHO/BIOS/YARIS/VITZ/YARIS VERSO)	Front / Delantero
KA 430	NISSAN (PATROL)	Front / Delantero
P KV 431	BMW (5/6)	Front / Delantero
KV 432	BMW (1/3/Z4)	Front / Delantero
KF 433	SAAB (9-3/9-5)	Front / Delantero
P KV 434	CITROEN (C8), FIAT (ULYSSE), LANCIA (PHEDRA), PEUGEOT (807)	Front / Delantero
P KV 435	CITROEN (C2/C3), PEUGEOT (206/1007)	Rear / Trasero
KB 436	MERCEDES (CLASE E RANCHERA FAMILIAR)	Front / Delantero
P KV 437	OPEL (CORSA)	Front / Delantero
KV 438	HIUNDAY (ELANTRA/MATRIX)	Rear / Trasero
KV 439	CHRYSLER (VOYAGER), DODGE (CARAVAN)	Front / Delantero
P KV 440	RENAULT (AVANTIME/SPACE II-III)	Rear / Trasero
KF 441	LANDROVER (FREELANDER)	Front & Rear / Delantero y Trasero
KF 442	NISSA (X-TRAIL)	Rear / Trasero
KB 443		Front / Delantero
KC 444	SUZUKI (CARRY/SJ)	Rear / Trasero
P KV 445	CITROEN (C5)	Rear / Trasero
KF 446	AUDI (A3/TT), SEAT (LEON), VW (GOLF)	Front / Delantero
P KV 447	ALFA ROMEO (147/156/GT)	Rear / Trasero
KF 448	DAEWOO (LANOS/NUBIRA)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



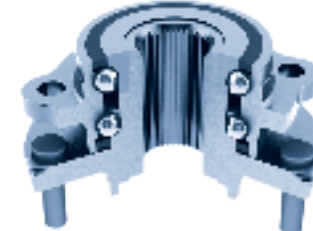
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
P KV 449			VKBA 3610	R161.29	713617410	882896			6129
KF 450			VKBA 3520	R151.31	713667310	401047	QWB 1068	K82015	5131
KV 451			VKBA 3234	R169.20	713618170	982948		EK79066	
P KV 452			VKBA 3603	R161.26	713620310	881237	QWB 1106		6126
KF 453	F 16063		VKBA 1466	R140.86	713678600	302164	QWB 864	EK78642	4086
P KV 454			VKBA 6543	R165.37					
KA 455	LM 300849/11	LM 12749/10	VKBA 912	R154.24	713611410	101108	QWB 521	EK73605	5424
KF 456	F 16034		VKBA 1341	R169.08	713618020	981572	QWB 766		
KV 457			VKBA 3457	R161.22	713617400	882487	QWB 1124	EK78952	6122
P KV 458			VKBA 6500	R159.50	713640460	602746			5948
P KV 459			VKBA 3545	R166.30	713650540	602386	QWB 1275	K80735	6630
P KV 460			VKBA 3592	R166.29	713640420	602345	QWB 1237	EK78893	5933
P KV 461			VKBA 6550	R153.57		801836		K80123	5844
P KV 462			VKBA 3673	R162.51	713649370	502163			6251
KC 463			VKBA 3923	R177.15	713623440				
KB 464			VKBA 6549	R159.54		602745			
KF 465	F 16027		VKBA 1402	R158.24	713690060	801360	QWB 735	K83221	5824
KF 466	F 16034		VKBA 3308	R169.26	713618310	981407		EK78723	6926
KV 467			VKBA 3523	R165.27	713660210	891878		EK79084	6527
KF 468	F 16093		VKBA 1401	R158.25	713690080	801450	QWB 682	K83220	5825
KB 469			VKBA 3664						
KF 470	F 16036		VKBA 3446	R150.28	713649330	502125	QWB 1222	EK78906	5028
P KV 471			VKBA 3599	R158.55	713690810	801267			5855
P KV 472			VKBA 3675	R150.32	713667780	502252	QWB 1242		5032
P KV 473			VKBA 6575	R159.55	713640540	681913			
P KV 474			VKBA 6541	R158.59	713606350	802302			5859
KF 475			VKBA 6931						
KA 476	32207 F	32205 BF	VKBA 828	R140.24	713630430	702436	QWB 475	EK73494	4024
KC 477			VKBA 1325	R172.02	713690180	802590	QWB 822	K81851	7202
KV 478			VKBA 3524	R165.28		892872		EK79085	6528
KF 479	F 16038		VKBA 3535	R157.25	713610360	102041		K80216	5725
P KV 480			VKBA 3632	R165.30	713660340	892929		K84029	6530
KV 481			VKBA 3789		713644770				
KV 482			VKBA 3931	R169.51	713618680	982195			6951
KA 483	JL 69349/310	LM 102949/10	VKBA 3949						

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
P KV 449	MG, ROVER (45/25/400/200)	Rear / Trasero
KF 450	MERCEDES (CLASE A/VANEO)	Front / Delantero
KV 451	TOYOTA AVENSIS 2.0 TD 97-03	Rear / Trasero
P KV 452	MG ROVER (75)	Front & Rear / Delantero y Trasero
KF 453	FORD (TRANSIT)	Rear / Trasero
P KV 454	VOLVO (C30/S40/V50/C70)	Front / Delantero
KA 455	VW (TRANSPORTER)	Front / Delantero
KF 456	TOYOTA (CARINA/CELICA/COROLLA)	Front / Delantero
KV 457	MG, ROVER (45/25/400/200)	Rear / Trasero
P KV 458	CITROEN (BERLINGO/XSARA), PEUGEOT (PARTNER)	Rear / Trasero
P KV 459	CITROEN (XSARA), PEUGEOT (306)	Rear / Trasero
P KV 460	CITROEN (BERLINGO/XSARA), PEUGEOT (PARTNER)	Rear / Trasero
P KV 461	OPEL (CORSA)	Front / Delantero
P KV 462	MINI	Rear / Trasero
KC 463	SUZUKI (VITARA)	Rear / Trasero
KB 464	CITROEN (BERLINGO/C4), PEUGEOT (308/3008/5008/PARTNER)	Rear / Trasero
KF 465	FIAT (TIPO)	Front / Delantero
KF 466	TOYOTA (CARINA/CELICA/RAV4)	Front / Delantero
KV 467	VOLVO (S60/V70/XC70/S80)	Front / Delantero
KF 468	FIAT (PANDA/SEICENTO/TIPO/CINQUECENTO)	Front / Delantero
KB 469	MERCEDES (CLASE E)	Rear / Trasero
KF 470	BMW (3/Z3)	Rear / Trasero
P KV 471	ALFA ROMEO (156), FIAT (BRAVO/STYLO), LANCIA (DELTA)	Rear / Trasero
P KV 472	BMW (5/6/7/X5)	Rear / Trasero
P KV 473	CITROEN (JUMPY), FIAT (SCUDO), PEUGEOT (EXPERT)	Front / Delantero
P KV 474	FIAT (PUNTO)	Rear / Trasero
KF 475	HIUNDAI (i10), KIA (PICANTO)	Front / Delantero
KA 476	RENAULT (TRAFFIC/MASTER)	Rear / Trasero
KC 477	LADA (NIVA)	Rear / Trasero
KV 478	VOLVO (S60/V70/S80)	Rear / Trasero
KF 479	AUDI (A6)	Rear / Trasero
P KV 480	VOLVO (S60/V70/XC70/S80)	Rear / Trasero
KV 481	DAEWOO (LEGANZA)	Rear / Trasero
KV 482	TOYOTA (VIOS/YARIS/MTZ/YARIS VERSO)	Rear / Trasero
KA 483	MAZDA (B-SERIE/E-SERIE)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



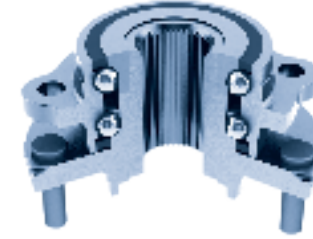
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
P KV 484			VKBA 6521	R152.70	713678890	302577	QWB 1305		
KV 485			VKBA 6814	R184.24		922489			
KV 486			VKBA 6623	R154.56					
KF 487			VKBA 6891	R184.14		921895			8909
KC 488			VKBA 827	R140.27	713618400	192274	QWB 356	EK73636	4027
KV 489			VKBA 3279	R189.02	713626040	922787		EK78925	
KV 490			VKBA 3307	R173.25	713619430	991902		EK78647	7325
KB 491			VKBA 3325	R173.19	713619290	952769		EK78939	7319
P KV 492			VKBA 3542	R155.66	713630870	702958	QWB 1109		5566
P KV 493			VKBA 3687		713697080	301106			
KF 494			VKBA 3688		713697070				
KF 495			VKBA 3799						
KB 496	F 15015		VKBA 3922	R177.33		971612		K83452	7712
KV 497			VKBA 3932		713615630	942273			7037
KF 498			VKBA 3959						
KA 499	1988/1922	LM 11949/10	VKBA 539	R152.05	713678120	301151	QWB 114C		5205
KF 500			VKBA 678	R166.00	713640100	601440	QWB 227	K80701	6600
KV 501			VKBA 6803		713617850	912122			
KA 502	LM 67048/10	LM 11949/10	VKBA 1400	R167.06	713612110	101250	QWB 993	EK73587	6706
KV 503			VKBA 3222	R168.27	713613720	962703	QWB 933	K82308	6827
KF 504			VKBA 3412	R164.15	713665020	891630	QWB 1282	EK78796	6415
P KV 505			VKBA 3460	R161.19	713617350	882483	QWB 998	EK78954	6119
KV 506			VKBA 3619	R164.25	713665300	891311			
P KV 507			VKBA 3697	R169.59	713618870	602835	QWB 1358		
KF 508			VKBA 3909	R184.12		921215			
KF 509			VKBA 3965	R177.37		971723		K83408	7705
P KV 510			VKBA 6540	R158.43	713606400	801838		K80124	5843
P KV 511			VKBA 6548	R157.42	713610810	102497			5742
P KV 512			VKBA 6632	R150.42					
KV 513			VKBA 3271	R184.09	713619470	922697			
KV 514			VKBA 3401	R165.18	713660030	891544	QWB 978	EK78802	6518
KA 515	LM 503349 A/10	32206 F	VKBA 3426	R140.88	713667020	402143	QWB 1198	K82063	4088
KF 516			VKBA 3443	R165.25	713660380	891731		EK78647	6525
KA 517	LM 501349/10	LM 503349 A/10	VKBA 3473	R183.02	713697030	882491		EK73804	8302
P KV 518			VKBA 3568	R157.49	713610580	101025		K83108	7805

P Passive ABS / ABS pasivo

Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
P KV 484	FORD (TOURNEO/TRAFFIC)	Rear / Trasero
KV 485	HYUNDAI (COUPE)	Rear / Trasero
KV 486	AUDI (A3/TT), SEAT (ALTEA/ALHAMBRA/LEON), SKODA (OCTAVIA/SUPERB/YETI), VW (CADDY/GOLF/PASSAT/SHARAN/TUGUAN)	Rear / Trasero
KF 487	HYUNDAI (SANTA FÉ/ix35/SONATA V/TRAJET/TUCSON/XG), KIA (SPORTAGE)	Front / Delantero
KC 488	TOYOTA (HILUX/LAND CRUISER/HICAE/4 RUNNER), VW (TARO)	Rear / Trasero
KV 489	KIA (SEPHIA/SHUMA)	Rear / Trasero
KV 490	MITSUBISHI (GALANT)	Front / Delantero
KB 491	MITSUBISHI (MONTERO)	Rear / Trasero
P KV 492	RENAULT (LAGUNA)	Rear / Trasero
P KV 493	JAGUAR (S-TYPE)	Front / Delantero
KF 494	JAGUAR (XJ/S-TYPE)	Rear / Trasero
KF 495	SUZUKI (BALENO)	Front / Delantero
KB 496	SUZUKI (GRAND VITARA/VITARA/X-90)	Front / Delantero
KV 497	MAZDA (323/626/6/MPV/PREMACY/XEDOS 90)	Rear / Trasero
KF 498	TOYOTA (COROLLA/PRIUS)	Front / Delantero
KA 499	FORD (CAPRI/CORSAIR/CORTINA/ESCORT/ZEPHIR/ZODIAC/ZODIAK)	Front / Delantero
KF 500	CITROEN (2CV/DYANE/MEHARI)	Front / Delantero
KV 501	HONDA (CITY/JAZZ)	Rear / Trasero
KA 502	PORSCHE (911/924/944)	Front / Delantero
KV 503	NISSAN (PRIMERA)	Rear / Trasero
KF 504	SAAB (9-3/9-5/900)	Front / Delantero
P KV 505	MG ROVER (45/25/400/200/COUPE/GT)	Rear / Trasero
KV 506	SAAB (9-5)	Front / Delantero
P KV 507	CITROEN (C1), PEUGEOT (107), TOYOTA (AYGO)	Rear / Trasero
KF 508	HIUNDAI (ELANTRA/SONATA), KIA (MAGENTIS)	Front / Delantero
KF 509	SUZUKI (ALTO/IGNIS/SWIFT/WAGON)	Front / Delantero
P KV 510	ALFA ROMEO (MITO), FIAT (PUNTO/500)	Front / Delantero
P KV 511	AUDI (A6)	Rear / Trasero
P KV 512	BMW (1/3/3 TOURING)	Rear / Trasero
KV 513	HIUNDAI (ACCENT)	Rear / Trasero
KV 514	VOLVO (850)	Front / Delantero
KA 515	MERCEDES (100)	Rear / Trasero
KF 516	VOLVO (S40/V40)	Front / Delantero
KA 517	JAGUAR (XJ)	Rear / Trasero
P KV 518	SKODA (FABIA; VW (POLO)	Front / Delantero

P Passive ABS / ABS pasivo



KA



KB



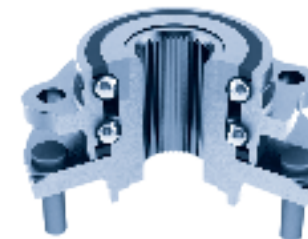
KC



KD



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Competitor cross references / Referencias cruzadas de otros competidores

Fersa	BEARING	BEARING	SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KF 519	F 16054		VKBA 3605	R157.28	713610710	102097			5728
P KV 520			VKBA 3677	R155.82	713630980	702815			5582
KV 521			VKBA 3934	R189.05	713626080	922181			
KC 522			VKBA 3970		713623430	972571		K83451	7711
P KV 523			VKBA 6516	R158.56	713690920	802265			5856
KV 524			VKBA 6553	R153.51	713644850	202286			
P KV 525			VKBA 6825	R174.14	713617840	912527	QWB 1280		7414
KV 526			VKBA 6838	R184.15		922488			8420
KV 527			VKBA 6873						
KV 528			VKBA 6875		713618970	981704			
KF 529			VKBA 6913						
KV 530			VKBA 3202	R168.29	713613340	962712	QWB 1136	K82318	6829
KV 531			VKBA 3269	R190.03	713644690				
KV 532			VKBA 3451	R150.26	713667190	501133	QWB 1193	K80524	5026
KA 533			VKBA 3472	R183.03	713697040	881489		EK73803	8303
P KV 534			VKBA 3541	R160.27	713606290	802888		K80126	6027
P KV 535			VKBA 3561	R155.67	713630880	702957	QWB 1277		5567
P KV 536			VKBA 3578	R158.45	713690700	801972	QWB 1103		5845
KV 537			VKBA 3731	R169.00	713618570	982857	QWB 1052	EK79006	6900
KV 538			VKBA 3973	R173.31					
P KV 539			VKBA 6561	R155.80	713630990	701837			5580
KF 540			VKBA 6972	R170.49		941237			
P KV541			VKBA 6978			971767			
KA 542	LM 11749/10	L 44649/10	VKBA 1322	R170.12	713615230	942770	QWB 699	K81902	7012
KF 543			VKBA 1412	R159.24	713640080	601348	QWB 790	EK74291	5924
KV 544			VKBA 1443	R158.29	713690360	802444	QWB 844	EK74358	5829
KA 545			VKBA 1992	R184.01	713619010	922441		EK78623	8401
P KV 546			VKBA 3440	R155.42	713630510	702313	QWB 954	K82934	5542
P KV 547			VKBA 3459	R160.23	713606060	802485	QWB 1071	EK78900	6023
P KV 548			VKBA 3595	R159.43	713640450	602509		EK78873	5943
P KV 549			VKBA 3625	R152.61	713678440	301511			5261



Applications / Aplicaciones

Fersa	BRAND (MODEL) / MARCA (MODELO)	POSITION / POSICIÓN
KF 519	AUDI (A4/AVANT/CABRIO)	Rear / Trasero
P KV 520	NISSAN (KUBISTAR), RENAULT (KANGOO)	Rear / Trasero
KV 521	KIA (CLARENS/CLARUS)	Rear / Trasero
KC 522	SUZUKI (JIMNY)	Rear / Trasero
P KV 523	FIAT (STYLO)	Rear / Trasero
KV 524	OPEL (CORSA)	Rear / Trasero
P KV 525	HONDA (CITY/JAZZ/CR-V)	Front / Delantero
KV 526	HYUNDAI (MATRIX/ELANTRA)	Rear / Trasero
KV 527	SUZUKI (GRAND VITARA)	Front / Delantero
KV 528	TOYOTA (RAV 4 III/AURISAVENSIS/COROLLA)	Front / Delantero
KF 529	MITSUBISHI (CARISMA/SPACE STAR)	Front / Delantero
KV 530	NISSAN (SUNNY/ALMERA)	Rear / Trasero
KV 531	CHEVROLET DAEWOO (TACUMA/VIVANT)	Rear / Trasero
KV 532	BMW (7)	Front / Delantero
KA 533	JAGUAR (XJ)	Front / Delantero
P KV 534	ALFA ROMEO (166)	Rear / Trasero
P KV 535	RENAULT (LAGUNA)	Rear / Trasero
P KV 536	ALFA ROMEO(145/146/GTV/SPIDER), FIAT (BRAVO/MAREA), LANCIA (KAPPA/LYBRA)	Front / Delantero
KV 537	TOYOTA (COROLLA)	Rear / Trasero
KV 538	TOYOTA (CARISMA/SAPCE WAGON)	Rear / Trasero
P KV 539	DACIA (LOGAN)	Front / Delantero
KF 540	MAZDA (3)	Front / Delantero
P KV541	SUZUKI (GRAND VITARA)	Rear / Trasero
KA 542	KIA (PRIDE), MAZDA (121)	Rear / Trasero
KF 543	CITROEN (XM) PEUGEOT (605)	Front / Delantero
KV 544	FIAT (PANDA), LANCIA (Y10)	Rear / Trasero
KA 545	HYUNDAI (LANTRA/PONY)	Rear / Trasero
P KV 546	RENAULT (SAFRANE)	Rear / Trasero
P KV 547	ALFA ROMEO (GTV/SPIDER)	Rear / Trasero
P KV 548	CITROEN (BERLINGO/XSARA), PEUGEOT (PARTNER)	Rear / Trasero
P KV 549	FORD (MONDEO)	Front / Delantero



10

List & adicional information


Listados e información adicional


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10.2 Cross references / Cruce de referencias 170


Nomenclatures / Nomenclaturas


BBC	Clutch release bearing	Rodamiento de embrague
BBT	Thrust ball bearing	Rodamiento axial de bolas
BB	Standard ball bearing	Rodamientos de bolas estándar
BB4PAC	Four point angular contact ball bearing	Rodamiento de bolas de cuatro puntos de contacto angular
BBDRACS	Standard double row angular contact ball bearing	Rodamientos de bolas de doble hilera de contacto angular estándar
BBDRAC	Double row angular contact ball bearing / Air conditioning	Ranura y anillo Rodamiento de doble hilera de bolas de contacto angular / Aire acondicionado
BBS	Special ball bearing	Rodamiento de bolas especial
CRB	Standard cylindrical bearing	Rodamiento cilíndrico estándar
CRBS	Special cylindrical bearing	Rodamiento cilíndrico especial
CWT	Compact wheel truck	Buje compacto de camión
KIT	Passenger car wheel bearing kit	Kit de rueda de turismo
HWT	Hub wheel truck	Hub de rueda de camión
KWT	Kit wheel truck	Kit de rueda de camión
TRBM	Metric series	Serie métricas
CONE	Inner rings	Conjuntos interiores
TRBI	Inch series	Serie pulgadas
TRBDR	Double row tapered roller bearing	Rodamientos cónicos de doble hilera
TRBF	Flange side bearing	Rodamiento con valona
TRBSt	Steering bearing	Rodamiento de dirección
TRBS	Special tapered roller bearing	Rodamiento de rodillos cónicos especial
TRBT	Thrust tapered roller bearing	Rodamiento axiales cónicos
U Series	U type bearing	Rodamiento de tipo U


REFERENCES / REFERENCIAS		PAG.
02474/02420	TRBI	14
02475/02420	TRBI	14
02872/02820	TRBI	14
05066/05185	TRBI	14
07087 X/07204	TRBI	14
07087 X/07210 X	TRBI	14
07087/07204	TRBI	14
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07097/07204	TRBI	14
07100 S/07196	TRBI	14
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14131/14276	TRBI	15
14136 A/14276	TRBI	15
14137 A/14274	TRBI	15


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14137 A/14276	TRBI	15
14137 AS/14276	TRBI	15
14138 A/14274	TRBI	15
14138 A/14276	TRBI	15
14138 A/14283	TRBI	15
14585/14525	TRBI	15
15100/15245	TRBI	15
15100/15250	TRBI	15
15100/15250 X	TRBI	15
15101/15245	TRBI	15
15101/15250	TRBI	15
15101/15250 X	TRBI	15
15103 S/15243	TRBI	15
15103 S/15245	TRBI	15
15106/15245	TRBI	15
15106/15250	TRBI	15
15106/15250 X	TRBI	15
15112/15245	TRBI	15
15112/15250	TRBI	15
15112/15250 X	TRBI	15
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15118/15245	TRBI	15
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15118/15250 X	TRBI	15
15120/15250 X	TRBI	15
15123/15244	TRBI	15
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15123/15250 X	TRBI	16
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15126/15245	TRBI	16
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15579 X/15520	TRBI	16
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1680/1620	TRBI	16
1779/1729 X	TRBI	16
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25578/25523	TRBI	17
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25580/25523	TRBI	17
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25590/25522	TRBI	17
25590/25523	TRBI	17
2580/2520	TRBI	17
2580/2523	TRBI	17
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25877/25820	TRBI	17
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2788/2729	TRBI	18
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2793/2720	TRBI	18
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28682/28621	TRBI	18
28682/28622	TRBI	18
28985/28920	TRBI	18
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29585/29520	TRBI	18
29586/29520	TRBI	18
29586/29522	TRBI	18
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29590/29522	TRBI	18
29675/29620	TRBI	18
29685/29620	TRBI	18
29688/29620	TRBI	18
30202 F	TRBM	8
30203 F	TRBM	8
30204 F	TRBM	8
30205 F	TRBM	8
30205 FR	TRBM	8
30206 F	TRBM	8
30207 F	TRBM	8
30207/37 F	TRBM	8
30207/80 F	TRBM	8
30208 BF	TRBF	38
30208 F	TRBM	8
30209 F	TRBM	8
30210 BF	TRBF	38
30210 F	TRBM	8
30211 F	TRBM	8
30212 F	TRBM	8
30213 F	TRBM	8
30214 F	TRBM	8


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30215 F	TRBM	8
30216 F	TRBM	8
30217 F	TRBM	8
30218 F	TRBM	8
30219 F	TRBM	8
30220 F	TRBM	8
30221 F	TRBM	8
30222 F	TRBM	8
N 30224 F	TRBM	8
N 30226 F	TRBM	8
303/28 F	TRBM	8
30302 F	TRBM	8
30303 F	TRBM	8
30304 F	TRBM	8
30305 F	TRBM	8
30306 F	TRBM	9
30307 F	TRBM	9
30308 F	TRBM	9
30308/30308 B	TRBF	38
30309 F	TRBM	9
30310 F	TRBM	9
30311 F	TRBM	9
30312 F	TRBM	9
30313 F	TRBM	9
30314 F	TRBM	9
30315 F	TRBM	9
30316 F	TRBM	9
31303 F	TRBM	9
31305 F	TRBM	9
31306 F	TRBM	9
31307 F	TRBM	9
31308 F	TRBM	9
31309 F	TRBM	9
31310 F	TRBM	9
31311 F	TRBM	9
31312 F	TRBM	9
31313 F	TRBM	9
31314 F	TRBM	9
31315 F	TRBM	9
31318 F	TRBM	9
31593/31520	TRBI	18
31594/31520	TRBI	18
320/22 XF	TRBM	9
320/28 XF	TRBM	9
320/32 XF	TRBM	9
320/32 XR	TRBM	9


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32004 XF	TRBM	9
32004 XR	TRBM	9
32005 XF	TRBM	10
32005 XR	TRBM	10
32006 XF	TRBM	10
32007 X 30/32007 XF	TRBM	10
32007 X 34/32007 XF	TRBM	10
32007 XF	TRBM	10
32007 XR	TRBM	10
32008 XF	TRBM	10
32009 XF	TRBM	10
32010 XF	TRBM	10
32010 XR	TRBM	10
32011 X 57,5/32011 XF	TRBM	10
32011 XF	TRBM	10
32012 XF	TRBM	10
32013 XF	TRBM	10
32014 XF	TRBM	10
32015 XF	TRBM	10
32016 XF	TRBM	10
32017 XF	TRBM	10
32018 XF	TRBM	10
32019 XF	TRBM	10
32020 XF	TRBM	10
32021 XF	TRBM	10
32022 XF	TRBM	10
32024 XF	TRBM	10
N 3206 B 2RS/C3	BBDRACS	78
N 3207 B 2RS/C3	BBDRACS	78
N 3208 B 2RS/C3	BBDRACS	78
N 3210 B 2RS/C3	BBDRACS	78
N 3212 B 2RS/C3	BBDRACS	78
32204 F	TRBM	10
32204 FR	TRBM	10
32205 BF	TRBM	10
32205 F	TRBM	10
32206 F	TRBM	10
32207 F	TRBM	10
32208 F	TRBM	10
32209 F	TRBM	11
32210 F	TRBM	11
32210/45	TRBM	11
32211 F	TRBM	11
32212 F	TRBM	11
32213 F	TRBM	11
32214 F	TRBM	11


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32215 F	TRBM	11
32216 F	TRBM	11
32217 F	TRBM	11
32218 F	TRBM	11
32219 F	TRBM	11
32220 F	TRBM	11
32220 FR	TRBM	11
32221 F	TRBM	11
32222 F	TRBM	11
323/38 F	TRBM	11
32303 F	TRBM	11
32304 F	TRBM	11
32305 F	TRBM	11
32306 BF	TRBM	11
32306 C	TRBM	11
32306 F	TRBM	11
32307 F	TRBM	11
32308 BF	TRBM	11
32308 C	TRBM	11
32308 F	TRBM	11
32309 BF	TRBM	11
32309 F	TRBM	11
32310 F	TRBM	11
32310/55	TRBM	11
32311 F	TRBM	12
32312 BF	TRBM	12
32312 F	TRBM	12
32313 BF	TRBM	12
32313 F	TRBM	12
32314 BF	TRBM	12
32314 F	TRBM	12
32315 F	TRBM	12
32316 F	TRBM	12
32317 F	TRBM	12
32911 F	TRBM	12
N 32924 F	TRBM	12
33006 F	TRBM	12
33007 F	TRBM	12
33008 F	TRBM	12
33009 F	TRBM	12
33010 F	TRBM	12
33011 F	TRBM	12
33012 F	TRBM	12
33013 F	TRBM	12
33014 F	TRBM	12
33015 F	TRBM	12

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33016 F	TRBM	12
33017 F	TRBM	12
33018 F	TRBM	12
33019 F	TRBM	12
33020 F	TRBM	12
33020 F 564694	TRBM	12
33021 F	TRBM	12
33021 F 0266488	TRBM	12
33022 F	TRBM	12
33024 F	TRBM	13
N 3307 B 2RS/C3	BBDRACS	78
33108 F	TRBM	13
33109 F	TRBM	13
33110 F	TRBM	13
33111 F	TRBM	13
33112 F	TRBM	13
33113 B	TRBF	38
33113 F	TRBM	13
33114 F	TRBM	13
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33116 F	TRBM	13
33117 F	TRBM	13
33118 F	TRBM	13
33119 F	TRBM	13
33120 F	TRBM	13
332/32 F	TRBM	13
33205 F	TRBM	13
33206 F	TRBM	13
33207 F	TRBM	13
33208 F	TRBM	13
33209 F	TRBM	13
33210 F	TRBM	13
33211 F	TRBM	13
33212 F	TRBM	13
33213 F	TRBM	13
33214 F	TRBM	13
33215 F	TRBM	13
33216 F	TRBM	13
N 33216 F 573810	TRBM	13
33217 F	TRBM	13
33218 F	TRBM	13
33220 F	TRBM	13
33262 A/33461	TRBI	18
33262/33462	TRBI	18
33275/33462	TRBI	18
33275/33472	TRBI	18


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33281/33462	TRBI	18
33281/33472	TRBI	18
33287/33462	TRBI	19
33287/33472	TRBI	19
336/332	TRBI	19
3381/3320	TRBI	19
3382/3320	TRBI	19
3384/3320	TRBI	19
3386/3320	TRBI	19
3386/3325	TRBI	19
33885/33822	TRBI	19
33889/33821	TRBI	19
33889/33822	TRBI	19
33891/33821	TRBI	19
33895/33821	TRBI	19
33895/33822	TRBI	19
^N 342 A/332	TRBI	19
34300/34478	TRBI	19
34300/34478 B	TRBI	19
34300/34478 B	TRBF	19
34300/34500	TRBI	19
34301/34500	TRBI	19
34306/34478	TRBI	19
344/332	TRBI	19
3477/3420	TRBI	19
3478/3420	TRBI	19
3490/3420	TRBI	19
35 BC	TRBSt	42
355 X/352	TRBI	19
355 X/354 X	TRBI	19
355/354 X	TRBI	19
3577/3520	TRBI	19
3577/3525	TRBI	19
3578/3520	TRBI	19
3578/3525	TRBI	19
3585/3525	TRBI	19
3586/3525	TRBI	19
359 A/354 X	TRBI	19
359 S/354 X	TRBI	19
368 A/362 A	TRBI	20
368 A/362 X	TRBI	20
368 S/362	TRBI	20
368 S/362 A	TRBI	20
368/362 A	TRBI	20
369 A/362 A	TRBI	20
369 A/363	TRBI	20


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369 S/362	TRBI	20
369 S/362 A	TRBI	20
369 S/363	TRBI	20
37425 T/37625 T	TRBI	20
37425/37625	TRBI	20
37431 A/37625	TRBI	20
37431/37625	TRBI	20
3767/3720	TRBI	20
3776/3720	TRBI	20
3778/3720	TRBI	20
3779/3720	TRBI	20
3780/3720	TRBI	20
3780/3727	TRBI	20
3782/3720	TRBI	20
3784/3720	TRBI	20
3784/3727	TRBI	20
385 A/382	TRBI	20
385 A/382 A	TRBI	20
385/382	TRBI	20
385/382 A	TRBI	20
385/384 D	TRBDR	48
386 A/382 A	TRBI	20
387 A/382	TRBI	20
387 A/382 A	TRBI	20
387 A/382 S	TRBI	20
387 A/383 A	TRBI	20
387 AS/382 A	TRBI	21
387 AS/382 S	TRBI	21
387 S/382	TRBI	21
387 S/382 S	TRBI	21
387 S/383 A	TRBI	21
387/382	TRBI	20
387/382 A	TRBI	20
387/382 S	TRBI	20
3877/3820	TRBI	21
3878/3820	TRBI	21
3879/3820	TRBI	21
388 A/382	TRBI	21
389 A/382 A	TRBI	21
389 A/383 A	TRBI	21
389 AS/382	TRBI	21
390/394 A	TRBI	21
392/394 A	TRBI	21
39250/39412	TRBI	21
395 A/394 A	TRBI	21
395 S/394 A	TRBI	21


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395/394 A	TRBI	21
39580/39520	TRBI	21
39580/39528	TRBI	21
39581/39520	TRBI	21
39585/39520	TRBI	21
39590/39520	TRBI	21
3979/3920	TRBI	21
3980/3920	TRBI	21
3982/3920	TRBI	21
3982/3927 X	TRBI	21
3984/3920	TRBI	21
3984/3925	TRBI	21
399 A/394 A	TRBI	21
399 AS/394 A	TRBI	21
3994/3920	TRBI	21
3994/3927 X	TRBI	21
4 A/6	TRBI	21
41125/41286	TRBI	21
418/414	TRBI	22
419/414	TRBI	22
42350/42584	TRBI	22
42362/42584	TRBI	22
42368/42584	TRBI	22
42381/42584	TRBI	22
42688/42620	TRBI	22
4367 X/4335	TRBI	22
4388/4335	TRBI	22
4395/4335	TRBI	22
44162/44348	TRBI	22
45284/45220	TRBI	22
45285 A/45220	TRBI	22
45285 A/45221	TRBI	22
45289/45220	TRBI	22
455/453 X	TRBI	22
^N 4580/4535	TRBI	22
462 A/453 X	TRBI	22
462/453 X	TRBI	22
469/453 A	TRBI	22
469/453 X	TRBI	22
47487/47420	TRBI	22
47490/47420	TRBI	22
476/472	TRBI	22
47686/47620	TRBI	22
47890/47820	TRBI	22
48190/48120	TRBI	22
482 E/472	TRBI	22


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482/472	TRBI	22
482/472 A	TRBI	22
482/472 X	TRBI	22
^N 48290/48220	TRBI	22
48385/48320	TRBI	22
484/472	TRBI	22
484/472 + ring/casquillo	TRBS	32
484/472 A	TRBI	22
^N 48684/48620	TRBI	23
49162/49368	TRBI	23
49175/49368	TRBI	23
495 A/492 A	TRBI	23
495 A/493	TRBI	23
495/492	TRBI	23
495/492 A	TRBI	23
495/493	TRBI	23
49585/49520	TRBI	23
496/493	TRBI	23
497/492 A	TRBI	23
497/493	TRBI	23
498/492 A	TRBI	23
498/493	TRBI	23
5 BC	TRBSt	42
52400/52618	TRBI	23
527 S/522	TRBI	23
527/522	TRBI	23
528/522	TRBI	23
529 X/522	TRBI	23
529/520 X1	TRBI	23
529/522	TRBI	23
53176/53375	TRBI	23
53177/53375	TRBI	23
53178/53377	TRBI	23
535/532 X	TRBI	23
536/532 X	TRBI	23
537/532	TRBI	23
537/532 X	TRBI	23
538/532	TRBI	23
539/532 A	TRBI	23
539/532 X	TRBI	23
5395/5335	TRBI	23
55175 C/55437	TRBI	23
55187 C/55437	TRBI	23
55200 C/55437	TRBI	23
55206 C/55437	TRBI	24
555 S/552 A	TRBI	24

^N New reference / Nueva referencia^N New reference / Nueva referencia

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5566/5535	TRBI	24
5566-62/5535	TRBI	24
559/552 A	TRBI	24
56425/56650	TRBI	24
566/563	TRBI	24
567 X/563	TRBI	24
567/563	TRBI	24
568/563	TRBI	24
575/572	TRBI	24
575/572 A	TRBI	24
575/572 X	TRBI	24
576/572	TRBI	24
580/572	TRBI	24
580/572 A	TRBI	24
580/572 X	TRBI	24
59162/59412	TRBI	24
593/592 A	TRBI	24
594 A/592 A	TRBI	24
594 A/593 X	TRBI	24
594/592 A	TRBI	24
594/593 X	TRBI	24
598 A/592 A	TRBI	24
598 A/593 X	TRBI	24
598/592 A	TRBI	24
598/593 X	TRBI	24
6	TRBSt	42
6 CE	TRBSt	42
6000	BB	58
6001	BB	58
6002	BB	58
6003	BB	58
6004	BB	58
6005	BB	58
6006	BB	58
6007	BB	58
6008	BB	58
6009	BB	58
6010	BB	58
6011	BB	58
6012	BB	58
6013	BB	58
6014	BB	58
6015	BB	58
6016	BB	58
607	BB	58
608	BB	58
609	BB	58


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6006/32	BB	58
619/612	TRBI	24
61904	BB	58
61909	BB	58
62/22	BB	58
6200	BB	58
6201	BB	58
6202	BB	58
6203	BB	58
6203/12	BB	58
6204	BB	58
6205	BB	58
6205 B12 D56	BB	58
6206	BB	58
6207	BB	58
6207/33	BB	59
6208	BB	59
6208 K	BB	59
6209	BB	59
6210	BB	59
6211	BB	59
6212	BB	59
6213	BB	59
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62201	BB	59
62202	BB	59
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62206	BB	59
62207	BB	59
62208	BB	59
62304	BB	59
62305	BB	59
62306	BB	59
626	BB	59
628	BB	59
6280/6220	TRBI	24
629	BB	59
63/22	BB	59
63/28	BB	59
63/32	BB	59
6300	BB	59
6301	BB	59
63010	BB	59


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6302	BB	59
6303	BB	59
6303/15	BB	59
6304	BB	60
6304 B12	BB	60
6304 B12 D56	BB	60
6304/17	BB	60
6304/17 B16	BB	60
6304/17 B17	BB	60
6305	BB	60
6306	BB	60
6306/25	BB	60
6307	BB	60
6307 B23	BB	60
6308	BB	60
6309	BB	60
6310	BB	60
6311	BB	60
6312	BB	60
6313	BB	60
6314	BB	60
6315	BB	60
6379/6320	TRBI	24
6386/6320	TRBI	24
6403	BB	60
6404	BB	60
6405	BB	60
6406	BB	60
6407	BB	60
6408	BB	60
6409	BB	60
641/632	TRBI	24
641/633	TRBI	24
6410	BB	60
6411	BB	60
6412	BB	60
6413	BB	60
6414	BB	60
643/632	TRBI	24
644/632	TRBI	24
64450/64700	TRBI	25
645/632	TRBI	25
6461/6420	TRBI	25
65237/65500	TRBI	25
65237/65500 B	TRBF	38
6580/6535	TRBI	25

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659/653	TRBI	25
663/652	TRBI	25
663/653	TRBI	25
66589/66520	TRBI	25
67391/67322	TRBI	25
^N 67885/67820	TRBI	25
681 A/672	TRBI	25
681/672	TRBI	25
683/672	TRBI	25
68462/68712	TRBI	25
687/672	TRBI	25
69354/69630	TRBI	25
72187/72487	TRBI	25
72200 C/72487	TRBI	25
72212/72487	TRBI	25
740/742	TRBI	25
74500/74850	TRBI	25
748 S/742	TRBI	25
749 A/742	TRBI	25
749 S/742	TRBI	25
749/742	TRBI	25
759/752	TRBI	25
78225 C/78551	TRBI	25
9278/9220	TRBI	25
9285/9220	TRBI	25
A 6075/A 6157	TRBI	25
^N Cone F 15084	CONE	44
Cone F 15101	CONE	44
Cone F 15110	CONE	44
Cone F 15111	CONE	44
Cone F 15113	CONE	44
Cone F 15131	CONE	44
Cone F 15132	CONE	44
Cone F 15134	CONE	44
Cone F 15150	CONE	44
F 10053	TRBS	32
F 10246/394 A	TRBS	32
F 10247/394 A	TRBS	32
F 15001	TRBS	32
F 15002	TRBS	32
F 15003	TRBS	32
F 15004	BBT	86
F 15005	BBC	88
F 15007	TRBS	32
F 15008/F 15009	TRBS	32
F 15014	TRBS	32

*Reference Change / Cambio de Referencia


^N New reference / Nueva referencia

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F 15015	TRBDR	48
F 15023	TRBS	32
F 15024	TRBDR	48
F 15026	TRBF	38
F 15028	TRBS	32
F 15029	TRBS	32
F 15030	TRBDR	48
F 15031	BBT	86
F 15033	BBT	86
F 15034	BBT	86
F 15036	TRBS	32
F 15040	TRBS	32
F 15041	TRBDR	48
F 15042	TRBDR	48
F 15043	TRBDR	48
F 15044	TRBDR	48
F 15045	TRBDR	48
F 15046	TRBS	32
F 15047	TRBS	32
F 15048	TRBS	32
F 15050	TRBDR	48
F 15051 C	TRBS	32
F 15051 R	TRBS	32
F 15052	BBC	88
F 15054/3720	TRBS	32
F 15055/LM 29710	TRBS	32
F 15056	TRBS	32
F 15057	BBT	86
F 15058	BBT	86
F 15059	BBT	86
F 15060	BBT	86
N F 15062	TRBDR	48
F 15063	TRBS	34
F 15064	BBT	86
F 15067	TRBDR	48
F 15068	TRBDR	48
F 15070	BBC	88
F 15071	TRBS	34
F 15075	TRBS	34
F 15076	TRBS	34
F 15079	TRBS	34
F 15080	TRBS	34
F 15082	TRBS	34
F 15083	TRBS	34
F 15088	TRBS	34
F 15089	TRBS	34


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F 15090	TRBF	38
F 15091	BBT	86
F 15097	HWT	100
F 15100	HWT	100
F 15102	TRBS	34
F 15104	TRBS	34
F 15108	TRBF	38
F 15109	TRBS	34
F 15112	TRBS	34
F 15114	TRBS	34
F 15115	TRBS	34
F 15116	TRBS	34
F 15117	TRBS	34
F 15118	BBC	88
F 15119	TRBS	34
F 15120	HWT	100
F 15121	HWT	100
F 15122	HWT	100
N F 15125	HWT	100
F 15126	HWT	100
F 15127	HWT	100
F 15128	TRBDR	48
F 15129	TRBDR	48
F 15130	TRBDR	48
F 15133	TRBS	34
F 15139	BBC	88
F 15140	BBC	88
F 15141	BBC	88
N F 15151	TRBDR	48
N F 15156	TRBS	34
N F 15157	TRBS	34
N F 15158	TRBS	34
N F 15159	TRBS	34
F 15160	TRBDR	48
F 15161	TRBF	38
N F 15165	TRBS	34
F 15166	TRBDR	50
F 15167	TRBDR	50
F 15168	TRBDR	50
F 15173	TRBDR	50
F 15174	TRBDR	50
F 15175	TRBDR	50
N F 15183	TRBS	34
N F 15184	TRBS	34
F 15187	TRBDR	50
N F 15190	TRBS	34


*Reference Change / Cambio de Referencia


N New reference / Nueva referencia


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F 15191	TRBF	38
F 15192	TRBF	38
N F 15193	TRBS	36
F 15196	TRBF	38
N F 15197	TRBS	36
F 15198	TRBF	38
N F 15199	TRBS	36
N F 15200	TRBS	36
N F 15201	TRBS	36
N F 15202	TRBS	36
N F 15203	TRBS	36
F 15209	BBC	88
F 15210	BBC	88
F 15211	BBC	88
F 16001	BBDRAC	66
F 16002	BBDRAC	66
F 16004	BBDRAC	66
F 16010	BBDRAC	66
F 16018	BBDRAC	66
F 16019	BBDRAC	66
F 16020	BBDRAC	66
F 16021	BBDRAC	66
F 16022	BBDRAC	66
F 16023	BBDRAC	66
F 16024	BBDRAC	66
F 16026	BBDRAC	66
F 16027	BBDRAC	66
F 16029	BBDRAC	68
F 16030	BBDRAC	68
F 16031	BBDRAC	68
F 16032	BBDRAC	68
F 16033	BBDRAC	68
F 16034	BBDRAC	68
F 16035	BBDRAC	68
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F 16038	BBDRAC	68
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F 16040	BBDRAC	70
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F 16042	BBDRAC	70
F 16043	BBDRAC	70
F 16044	BBDRAC	70
F 16045	BBDRAC	70
F 16046	BBDRAC	70
F 16048	BBDRAC	70


N New reference / Nueva referencia


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F 16051	BBDRAC	70
F 16052	BBDRAC	70
F 16054	BBDRAC	70
F 16055	BBDRAC	70
F 16056	BBDRAC	70
F 16057	BBDRAC	72
F 16058	BBDRAC	72
F 16059	BBDRAC	72
F 16063	BBDRAC	72
F 16066	BBDRAC	72
F 16068	BBDRAC	72
F 16074	BBDRAC	72
F 16076	BBDRAC	72
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F 16078	BBDRAC	72
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F 16081	BBDRAC	72
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F 16084	BBDRAC	72
F 16085	BBDRAC	72
F 16086	BBDRAC	72
F 16088	BBDRAC	72
F 16089	BBDRAC	72
F 16090	BBDRAC	74
F 16091	BBDRAC	74
F 16093	BBDRAC	74
F 16094	BBDRAC	74
F 16095	BBDRAC	74
F 16097	BBAC	82
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713678400	KD 117	713678400	KD 118
713678410	KF 329	713678420	KA 084
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713690260	KV 204	805003 A.H195	F 15100
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713690330	KA 009	805012.06.H195	F 15122
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713690420	KB 012	BC1B 322467	F 19046
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F 113021	F 18040
F 113175	F 16030
F 200284.1	F 15033
F 211408.5	F 19062
F 211413.2	F 19061

F 237594	F 19069
F 43710.1	F 19066
F 45385	F 18039
F 45721	F 16001
F 45747.2	F 16035
F 45920.2	F 16036
F 45951.1	F 16002
F 64843.1	F 15034
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F 88545	F 19037
F 88816.2	F 19038
F 93666.2	F 19048
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F-45815.1	F 15140
V 54276	F 19045

IRB	Fersa
IR 108	F 15031
IR 128	F 15005
IR 164	F 18012
IR 2043	F 15036
IR 2562	F 15029
IR 8006	F 16042
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IR 8055	F 16026
IR 8065	F 16023
IR 8066	F 16030
IR 8085	F 16036
IR 8086	F 16048
IR 8088	F 16031
IR 8091	F 16022
IR 8095	F 16039
IR 8101	F 16051
IR 8505	F 16010
IR 8509	F 16046
IR 8513	F 16032

IR 8515	F 16074
IR 8530	F 16038
IR 8566	F 18009
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IR 8603	F 16037
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KBC	Fersa
3780 F1	F 15054/3720
RCHL 38KW01C9	F 15055/ LM 29710

KOYO	Fersa
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30 BG 05 S5G - 2DST2	F 16098
40 BD 45 T12	F 16189
40 BD 49 AW	F 16190
57414/ LM 300811	F 15003
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6217-3BBNCS 9	F 18036
83 A 5518	F 16102
BD 30 - 11 A	F 16104
CT 1310	F 15118
CT1310 ARSEDCS23	F 18031
DAC 286142 AW	F 16077
DAC 3052 - 32 RR9 DS 10Z	F 16097
DAC 3555 RD 3H - 83 A 694	F 16100
DAC 35720034 A	F 16201
DAC 3872W-8CS81	F 16068

DAC 40440036	F 16080
DAC 40740034/36	F 16091
DAC 40740042 B	F 16079
DAC 43820045	F 16078
DAC 50900034	F 16076
DAC-2753	F 15128
DAC3564A1	F 16200
DAC4276W	F 16195
DAC4781W	F 16199
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ST 2455	Cone F 15084
ST 4276 C / A	Cone F 15111
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STA 3072	F 15203
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TRA 0607 R	F 15002

NACHI	Fersa
30 BG S 12G - 2DS	F 16104
35 BG 05S 10G - 2DL	F 16100
40 BG S1 1G - 2DS	F 16102
30 BG 05S 2G - 2DS	F 16097
30 BG 05S 5G - 2DS	F 16098
31 RUKSS2N C3	F 19079
35 BG 05S 7G - 2DS	F 16099
35 BG 52 22 - 2DS	F 16101
40 BG 05S 2G - 2DS	F 16189
40 BG 620 20 - 2DL	F 16103
40 BG S 12G - 2DS	F 16190

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27 BWK 04D3	F 16194
28 BWK 12	F 16095
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30 BD 40 A - T1Z DDF1	F 16098
30 BD 5222 FX	F 16097
35 BD 219T - 1Z DDU K8	F 16100
35 BD 5020 DUK	F 16099
35 BD 52 22 DF X7	F 16101
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40 BD 45 T12 DDU	F 16189
40 BD 49 AWT12 DDU	F 16190
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40 BWD 06	F 16081
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40 BWD 15 A	F 16080
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41 KWD 01 G3	F 15015
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42KWDD8A	F 15130
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43BWD08CA103	F 16052

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49 BWD 01BCA116	F 16109
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701302	KB 048	702899	KB 193	802315	KV 237
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702357	KV 244	801698	KA 057	881704	KF 099
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702436	KA 476	801836	KF 461	882491	KA 517
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891477	KF 302	922783	KV 231	962684	KC 132
891484	KF 175	922787	KV 489	962703	KV 503
891486	KF 176	922921	KV 412	962712	KV 530
891544	KV 514	940371	KF 225	962718	KB 217
891628	KV 245	941237	KF 540	962776	KA 077
891628	KV 271	941636	KA 214	962905	KA 268
891630	KF 504	941700	KF 227	971391	KF 133
891731	KF 516	941874	KA 393	971391	KF 376
891822	KA 068	941941	KB 365	971393	KF 134
891869	KV 249	942273	KV 497	971393	KF 448
891878	KV 467	942566	KA 389	971451	KA 061
891887	KF 433	942569	KV 226	971455	KC 223
892458	KA 212	942770	KA 542	971575	KF 301
892460	KA 211	942773	KV 232	971612	KB 062
892470	KV 177	942942	KA 407	971612	KB 496
892472	KV 178	951409	KF 119	971707	KB 443
892587	KV 401	951449	KF 317	971723	KF 509
892735	KV 234	951604	KF 121	971767	KV 541
892843	KV 242	951606	KA 022	971917	KA 405
892872	KV 478	951708	KA 023	971940	KF 428
892929	KV 480	951722	KA 190	972389	KA 007
911377	KF 304	952405	KV 120	972453	KC 224
911383	KF 102	952415	KV 122	972571	KC 265
911385	KV 229	952417	KV 123	972571	KC 522
911600	KF 320	952593	KC 188	972573	KC 444
911802	KF 426	952608	KV 228	972688	KC 419
912122	KV 501	952661	KA 186	972709	KB 416
912527	KF 525	952710	KA 187	972918	KA 413
912530	KV 100	952769	KB 491	981199	KF 370
912532	KV 260	952936	KA 423	981407	KF 466
920752	KA 086	960578	KF 129	981475	KF 309
921215	KF 508	960638	KF 128	981475	KF 316
921555	KA 397	961229	KF 381	981535	KA 002
921895	KF 487	961411	KA 430	981572	KF 456
921906	KF 388	961479	KF 321	981616	KF 259
922181	KV 521	961503	KA 036	981704	KV 528
922219	KV 336	961648	KF 130	981790	KA 065
922441	KA 545	961753	KB 318	981799	KF 311
922488	KV 438	961801	KA 392	981814	KA 066
922488	KV 526	961904	KA 035	981814	KA 067
922489	KV 485	962435	KA 266	981851	KF 310
922697	KV 513	962548	KV 267	981856	KF 298

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981868	KF 197	QWB 1106	KF 452	QWB 1228	KV 290
981938	KF 429	QWB 1109	KV 492	QWB 1231	KF 302
982195	KV 482	QWB 1112	KV 196	QWB 1233	KV 242
982685	KC 174	QWB 1113	KV 198	QWB 1234	KV 178
982766	KF 173	QWB 1114	KV 199	QWB 1236	KV 328
982780	KF 352	QWB 1115	KV 279	QWB 1237	KV 460
982857	KV 537	QWB 1116	KF 441	QWB 1240	KV 177
982939	KV 353	QWB 1117	KV 247	QWB 1241	KV 249
982948	KV 451	QWB 1118	KF 264	QWB 1242	KV 472
991863	KV 363	QWB 1124	KV 457	QWB 1251	KF 340
991898	KV 439	QWB 1126	KF 201	QWB 1252	KF 315
991902	KV 490	QWB 1127	KF 282	QWB 1253	KB 339
		QWB 1128	KB 191	QWB 1254	KF 351
		QWB 1131	KV 246	QWB 1257	KV 284
		QWB 1132	KV 440	QWB 1258	KV 291
		QWB 1133	KV 157	QWB 1259	KV 325
		QWB 1136	KV 530	QWB 1260	KV 326
		QWB 1137	KV 276	QWB 1261	KF 329
		QWB 113C	KA 014	QWB 1263	KF 375
		QWB 1142	KF 316	QWB 1264	KF 371
		QWB 1146	KF 241	QWB 1265	KF 289
		QWB 114C	KA 499	QWB 1266	KV 445
		QWB 1150	KF 145	QWB 1270	KV 395
		QWB 1152	KV 275	QWB 1273	KV 294
		QWB 1154	KF 308	QWB 1274	KB 078
		QWB 1155	KA 248	QWB 1275	KV 459
		QWB 115C	KA 017	QWB 1276	KV 305
		QWB 1160	KV 286	QWB 1277	KV 535
		QWB 1179	KB 422	QWB 1280	KF 525
		QWB 1189	KV 221	QWB 1282	KF 433
		QWB 1193	KV 532	QWB 1282	KF 504
		QWB 1194	KF 348	QWB 1283	KV 420
		QWB 1195	KF 280	QWB 1284	KF 176
		QWB 1196	KA 273	QWB 1285	KA 405
		QWB 1197	KA 033	QWB 1286	KA 413
		QWB 1198	KA 515	QWB 1287	KV 377
		QWB 1199	KA 032	QWB 1305	KV 484
		QWB 1200	KV 238	QWB 1358	KV 507
		QWB 1202	KV 234	QWB 1368	KV 322
		QWB 1211	KF 292	QWB 155C	KA 038
		QWB 1212	KB 338	QWB 159C	KA 254
		QWB 1222	KF 470	QWB 177C	KC 253
		QWB 1223	KF 303	QWB 194C	KD 117

QH	Fersa
QWB 1000	KF 240
QWB 1001	KV 236
QWB 1002	KF 304
QWB 1003	KF 102
QWB 1005	KA 272
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QWB 1084	KF 155
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QWB 1096	KF 277
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QWB 1099	KV 411
QWB 1101	KV 251
QWB 1102	KF 346
QWB 1103	KF 536

QH - Fersa

QWB 194C	KD 118	QWB 422	KF 160	QWB 545	KA 010
QWB 200	KF 180	QWB 422	KF 161	QWB 556	KA 077
QWB 201	KA 069	QWB 422	KF 203	QWB 560	KB 047
QWB 212	KA 002	QWB 422	KV 162	QWB 566	KB 046
QWB 224	KA 059	QWB 429	KA 005	QWB 568	KA 081
QWB 224	KA 063	QWB 430	KB 048	QWB 569	KA 018
QWB 227	KF 500	QWB 430	KB 192	QWB 570	KF 136
QWB 231	KF 172	QWB 436	KF 134	QWB 596	KA 039
QWB 239	KA 055	QWB 443	KA 003	QWB 599	KA 212
QWB 241	KA 210	QWB 445	KA 089	QWB 602	KA 389
QWB 242	KA 056	QWB 455	KF 354	QWB 603	KV 135
QWB 249	KA 213	QWB 457	KA 211	QWB 605	KA 001
QWB 254	KC 205	QWB 459	KA 073	QWB 608	KA 049
QWB 255	KA 027	QWB 461	KF 141	QWB 629	KA 043
QWB 256	KA 025	QWB 467	KV 152	QWB 634	KF 111
QWB 259	KA 026	QWB 474	KA 255	QWB 635	KF 112
QWB 285	KA 040	QWB 475	KA 476	QWB 654	KA 028
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QWB 289	KA 041	QWB 481	KA 009	QWB 662	KB 090
QWB 301	KA 042	QWB 482	KB 012	QWB 666	KA 169
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QWB 328	KF 179	QWB 497	KA 091	QWB 691	KA 004
QWB 342	KA 068	QWB 498	KF 314	QWB 692	KA 023
QWB 347	KA 036	QWB 500	KV 144	QWB 696	KA 020
QWB 354	KC 132	QWB 503	KB 008	QWB 697	KA 021
QWB 356	KC 488	QWB 508	KA 030	QWB 698	KF 182
QWB 360	KC 174	QWB 509	KV 204	QWB 699	KA 542
QWB 365	KA 066	QWB 510	KF 095	QWB 703	KF 173
QWB 365	KA 067	QWB 510	KF 185	QWB 704	KF 352
QWB 366	KA 065	QWB 513	KF 396	QWB 707	KA 054
QWB 376	KC 188	QWB 514	KF 107	QWB 712	KF 099
QWB 407	KA 071	QWB 515	KV 163	QWB 716	KA 190
QWB 411	KA 051	QWB 521	KA 455	QWB 722	KA 214
QWB 414	KA 075	QWB 527	KA 076	QWB 725	KA 024
QWB 414	KA 083	QWB 528	KA 082	QWB 734	KV 218
QWB 417	KF 133	QWB 532	KA 347	QWB 735	KF 465
QWB 418	KA 019	QWB 533	KA 257	QWB 736	KV 164
QWB 419	KA 050	QWB 534	KV 105	QWB 740	KA 058
QWB 420	KA 015	QWB 539	KA 034	QWB 742	KV 260

QH - Fersa

QWB 747	KA 186	QWB 878	KF 138	4002	KB 011
QWB 754	KB 125	QWB 879	KV 252	4003	KB 012
QWB 756	KA 084	QWB 880	KF 183	4006	KB 278
QWB 759	KF 175	QWB 890	KF 227	4006	KB 293
QWB 763	KB 217	QWB 891	KV 226	4013	KB 356
QWB 766	KF 259	QWB 896	KC 223	4014	KB 362
QWB 766	KF 456	QWB 904	KC 444	4017	KB 295
QWB 773	KA 087	QWB 906	KF 104	4017	KB 390
QWB 779	KF 106	QWB 915	KA 061	4023	KA 255
QWB 781	KF 143	QWB 926	KV 228	4024	KA 476
QWB 783	KF 124	QWB 928	KF 130	4025	KA 091
QWB 785	KC 419	QWB 931	KF 129	4026	KA 070
QWB 786	KV 108	QWB 933	KV 503	4027	KC 488
QWB 786	KV 297	QWB 935	KF 137	4034	KA 023
QWB 787	KF 109	QWB 939	KV 267	4037	KB 424
QWB 790	KF 543	QWB 941	KF 321	4038	KB 296
QWB 798	KF 142	QWB 942	KA 269	4038	KB 372
QWB 803	KA 187	QWB 944	KF 094	4038	KF 391
QWB 812	KB 062	QWB 951	KV 244	4042	KA 009
QWB 813	KA 126	QWB 952	KV 243	4043	KA 010
QWB 817	KF 115	QWB 954	KV 546	4045	KF 314
QWB 817	KF 327	QWB 956	KF 128	4052	KD 117
QWB 822	KC 477	QWB 957	KF 434	4056	KA 049
QWB 828	KA 079	QWB 958	KF 121	4058	KA 169
QWB 830	KV 219	QWB 959	KF 301	4059	KA 169
QWB 831	KF 110	QWB 963	KA 404	4065	KA 170
QWB 842	KA 086	QWB 965	KV 229	4070	KD 118
QWB 844	KV 544	QWB 974	KF 113	4072	KA 033
QWB 846	KF 261	QWB 978	KV 514	4073	KA 032
QWB 850	KV 100	QWB 993	KA 502	4076	KA 273
QWB 853	KF 166	QWB 994	KF 101	4077	KA 079
QWB 854	KF 270	QWB 995	KA 080	4078	KA 058
QWB 855	KF 165	QWB 996	KA 013	4080	KA 084
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QWB 859	KF 116	QWB 998	KV 505	4083	KA 200
QWB 860	KV 220			4085	KB 263
QWB 861	KV 222	RHP	Fersa	4086	KF 453
QWB 863	KA 085	15/W65	F 15211	4087	KA 085
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QWB 865	KB 263	RUVILLE	Fersa	4089	KC 174
QWB 871	KF 195	4001	KB 344	4091	KA 266
QWB 876	KV 235	4001	KB 402	4094	KA 272
QWB 877	KV 202			4095	KA 013

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4096	KA 080	5205	KA 499	5318	KV 135
4099	KF 315	5208	KA 017	5320	KF 136
5010	KF 396	5212	KA 014	5322	KV 235
5012	KF 107	5216	KA 015	5323	KV 202
5015	KV 105	5217	KA 075	5325	KF 137
5016	KF 104	5219	KA 019	5326	KF 138
5017	KV 105	5220	KA 074	5327	KV 252
5019	KF 106	5221	KA 018	5328	KA 404
5022	KV 108	5223	KF 329	5330	KV 247
5022	KV 297	5224	KV 328	5331	KV 196
5023	KF 109	5228	KA 076	5332	KV 198
5024	KF 110	5229	KA 081	5333	KV 199
5025	KF 348	5232	KA 347	5334	KV 279
5026	KV 532	5233	KA 257	5335	KF 342
5027	KF 274	5234	KA 082	5336	KF 341
5028	KF 470	5236	KA 020	5337	KB 338
5029	KV 239	5237	KA 021	5338	KV 337
5030	KV 238	5237	KA 383	5339	KF 292
5031	KF 303	5239	KF 115	5340	KV 343
5032	KV 472	5239	KF 327	5341	KV 336
5033	KF 378	5242	KF 116	5343	KV 335
5037	KV 431	5243	KV 220	5347	KV 333
5040	KV 432	5244	KV 221	5348	KV 332
5041	KF 418	5245	KV 222	5349	KV 331
5102	KA 025	5254	KF 201	5350	KV 330
5103	KA 026	5255	KF 282	5401	KF 184
5105	KA 027	5256	KB 191	5404	KA 069
5107	KF 124	5256	KB 384	5408	KC 256
5108	KA 030	5258	KV 325	5410	KF 421
5110	KA 126	5259	KV 326	5412	KF 180
5111	KA 087	5260	KV 291	5414	KF 179
5112	KA 029	5261	KF 549	5415	KF 185
5114	KA 028	5262	KV 322	5416	KF 095
5115	KB 125	5266	KV 324	5417	KA 071
5118	KA 189	5267	KV 323	5418	KA 072
5126	KF 280	5303	KA 040	5423	KF 181
5127	KF 127	5307	KA 007	5424	KA 455
5128	KF 300	5307	KA 038	5428	KF 182
5131	KF 450	5314	KF 133	5433	KF 233
5132	KB 345	5314	KF 376	5434	KF 183
5136	KA 414	5315	KF 134	5441	KF 240
5138	KA 406	5315	KF 448	5442	KF 241
5202	KA 083	5316	KA 039	5443	KF 098

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5444	KV 276	5566	KV 492	5834	KF 270
5445	KV 284	5567	KV 535	5835	KF 168
5446	KB 422	5569	KF 340	5837	KF 167
5448	KV 194	5570	KB 339	5838	KV 236
5449	KF 159	5572	KF 371	5839	KV 237
5450	KA 248	5574	KF 334	5841	KF 281
5452	KV 285	5575	KF 351	5842	KF 288
5454	KV 358	5576	KF 366	5843	KF 437
5455	KV 361	5577	KB 350	5843	KF 510
5455	KV 367	5579	KB 364	5844	KF 346
5456	KV 359	5580	KF 539	5844	KF 461
5457	KV 425	5582	KV 520	5845	KF 536
5458	KV 394	5600	KA 063	5846	KV 251
5466	KV 250	5604	KF 172	5853	KV 409
5502	KF 312	5705	KA 005	5854	KF 373
5503	KA 043	5708	KF 096	5855	KF 471
5506	KA 044	5716	KF 308	5856	KV 523
5507	KF 375	5725	KF 479	5859	KV 474
5508	KC 149	5727	KV 395	5903	KF 140
5509	KF 153	5728	KF 519	5907	KF 139
5510	KC 148	5731	KV 286	5908	KA 041
5511	KV 152	5732	KV 287	5911	KA 089
5513	KB 045	5742	KV 511	5912	KA 073
5513	KB 193	5801	KA 056	5913	KF 141
5515	KV 154	5802	KA 213	5914	KF 142
5515	KV 258	5804	KA 210	5915	KV 144
5516	KF 155	5807	KF 161	5917	KF 145
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5521	KF 150	5811	KC 253	5924	KF 543
5522	KA 043	5812	KF 160	5929	KV 219
5524	KV 156	5813	KV 163	5931	KF 113
5526	KV 157	5814	KV 204	5933	KV 460
5527	KB 047	5817	KV 162	5937	KV 114
5529	KB 048	5818	KF 261	5938	KB 078
5529	KB 192	5821	KV 218	5940	KV 305
5538	KF 195	5822	KV 164	5942	KV 290
5542	KV 546	5824	KF 465	5943	KV 548
5546	KV 244	5825	KF 468	5944	KF 289
5547	KV 243	5829	KV 544	5945	KF 434
5554	KV 440	5830	KF 161	5946	KV 294
5556	KV 246	5831	KF 165	5947	KF 399
5561	KF 277	5832	KF 166	5948	KV 458

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5949	KV 410	6530	KV 480	6938	KF 298
5950	KB 369	6532	KV 401	6950	KF 259
6002	KA 001	6600	KF 500	6951	KV 482
6004	KA 002	6603	KF 354	6964	KF 311
6006	KA 003	6607	KB 368	7008	KA 389
6013	KF 092	6613	KF 143	7009	KA 214
6015	KF 264	6614	KF 111	7012	KA 542
6018	KF 094	6615	KF 112	7022	KF 227
6019	KA 004	6626	KV 275	7023	KV 226
6023	KV 547	6628	KF 313	7024	KV 232
6025	KV 411	6630	KV 459	7026	KA 393
6026	KV 377	6631	KV 445	7032	KF 225
6027	KV 534	6632	KV 435	7037	KV 497
6030	KV 398	6706	KA 502	7200	KC 205
6052	KV 447	6804	KC 132	7201	KA 024
6103	KF 441	6809	KA 036	7202	KC 477
6109	KA 254	6810	KA 077	7300	KA 086
6119	KV 505	6815	KA 034	7305	KC 188
6122	KV 457	6818	KF 129	7306	KA 190
6123	KF 101	6819	KB 217	7307	KA 186
6126	KF 452	6824	KV 267	7307	KA 423
6129	KV 449	6826	KF 128	7308	KA 022
6250	KV 374	6827	KV 503	7309	KA 187
6251	KV 462	6829	KV 530	7310	KF 317
6300	KA 068	6830	KF 130	7314	KF 121
6415	KF 504	6839	KB 318	7316	KV 228
6418	KF 433	6840	KF 321	7317	KV 122
6503	KA 211	6850	KA 035	7318	KV 123
6505	KA 212	6852	KA 268	7319	KB 491
6510	KV 177	6854	KA 430	7322	KF 119
6511	KF 175	6900	KV 537	7323	KV 120
6515	KV 178	6901	KA 065	7325	KV 490
6516	KF 176	6902	KA 066	7412	KF 099
6517	KV 245	6902	KA 067	7413	KF 320
6517	KV 271	6910	KF 173	7414	KF 525
6518	KV 514	6914	KF 352	7415	KV 100
6520	KV 234	6924	KF 310	7416	KV 260
6522	KV 242	6926	KF 466	7425	KF 304
6524	KF 302	6929	KF 429	7428	KV 229
6525	KF 516	6930	KV 353	7434	KF 102
6526	KV 249	6936	KF 309	7701	KC 444
6527	KV 467	6936	KF 316	7702	KA 061
6528	KV 478	6937	KF 197	7705	KF 509

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7706	KF 301	314984	F 19015
7708	KC 224	315070 B	F 19011
7709	KC 223	330633 C	F 15082
7711	KC 265	330865C/ 332046AD	F 15080
7711	KC 522		
7712	KB 062	331075	F 15083
7712	KB 496	331126 Q	F 15076
7713	KC 419	331305 A/Q	F 15047
7800	KA 349	331933	F 15051 R
7803	KA 054	331958 Q	F 15075
7805	KV 518	331983	F 15024
8000	KA 050	332073	L 29002/L 33492
8001	KA 052	361984 C	F 18025
8002	KA 053	4209 ATN9 / MT33 VB2669	F 18009
8109	KB 443	440682	F 18023
8110	KB 416	441442 D	F 15062
8260	KF 203	441442 D / Q	F 15166
8261	KV 420	6210ZNBR	F 18032
8302	KA 517	635245	F 19009
8303	KA 533	639194 Q CL7A	F 15023
8401	KA 545	BA2B 309609 AD	F 16074
8402	KV 230	BA2B 446047 EB	F 16048
8403	KV 231	BA2B 446762 B	F 16026
8411	KV 412	BA2B 633313 C	F 16001
8420	KV 438	BAF-0013 AD	F 16010
8420	KV 526	BAFB 447318 B	F 16033
8452	KA 413	BAH 0004 AA	F 16107
8453	KA 405	BAH 0011 AB	F 16054
8601	KV 439	BAH 0012 AD	F 16031
8604	KV 363	BAH 0013 D	F 16027
8900	KA 397	BAH 0015 E	F 16093
8909	KF 487	BAH 0023	F 16023
4700511	KF 388	BAH 0028 AA	F 16088
		BAH 0031	F 16002
		BAH 0031 D	F 16024
		BAH 0041 D	F 16034
		BAH 0042	F16200
		BAH 0049	F 16089
		BAH 0049 C	F 16040
		BAH 0051 B	F 16029
		BAH 0094	F 16030
		BAH 0106 D	F 16110
		BAH 0174	F 16056
SKF	Fersa		
1861071	F 15089		
2206 VF 153B	F 19025		
2210 W	F 19026		
239697 Q	F 15046		
30307XR-N	F 15014		
309639	F 16036		
309726 DA	F 16019		
309946 AC	F 16032		

BAH 0177	F 16051
BAH 5000 AA	F 16004
BAH 5001 A	F 16022
BAHB 309796A	F 16195
BAHB 311315 BD	F 16035
BAHB 311316 B	F 16018
BAHB 311424 B	F 16045
BAHB 311443 B	F 16039
BAHB 633815 AA	F 16038
BAHB 633966 BB	F 16055
BAHB 636096 A	F 16037
BAHB 636114 A	F 16020
BAHB 636149 BC / BAHB 636149 D	F 16059
BAHB 636187 A	F 16090
BAHB 636193 C	F 16057
BAHB 636214 A	F 16118
BAHB309796A	F16195
BB1B 445924 C	F 18043
BB1B 630374/C4	F 18011
BC1 0058	F 19070
BC1 0125	F 19071
BC1B 246037 A	F 19065
BC1B 246747	F 19014
BC1B 312219	F 19039
BC1B 319546C/ VB017	F 19064
BC1B 319552	F 19008
BC1B 320308 A	F 19063
BC1B 322172 A	F 19047
BC1B 635251	F 19029
BCAB 326332B	F 15028
BT1 0084	F 15193
BT1 0097 C	F 15117
BT1 328227 CA / Q	F 15040
BT1B 243150 / QCL7C	F 15071
BT1B 328092	F 15007
BT1B 328406 A/ 30314/QVB01	F 15119
BT1B 329012	F 15116
BT1B 329013 A / Q	F 15029
BT1B 332674A	F 15079
BT1B 332946- CL7C	F 15008/F 15009

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BT1B 332986	F 15102
BT1B 639425	F 15184
BT1B332541 AB/Q	F 15036
BT2B445539BA / VC025	F 15041
BTF 0021 A	F 300005
BTF 0110	F 300005
BTH 0018 A	F 15097
BTH 0022	F 15100
BTH 0053	F 15122
BTH 0055	F 15100
BTH 1011	F 15121
BTH 1024	F 15187
BTH 1206 AB	F 15067
BTHB 329129 ABC	F 15168
NJ 308 VH.NR.C4	F 19006
NJ 309 VHNRC4	F 19002
NUP 309 NR.C4	F 19003
NUPK 2205 S1 NR	F 19023
NUPK 2205 S13	F 19004
VKBA 1301	KV 135
VKBA 1310	KA 034
VKBA 1315	KF 175
VKBA 1317	KF 104
VKBA 1318	KF 107
VKBA 1319	KF 396
VKBA 1320	KF 106
VKBA 1322	KA 542
VKBA 1324	KA 024
VKBA 1325	KC 477
VKBA 1326	KF 136
VKBA 1327	KF 111
VKBA 1328	KF 112
VKBA 1331	KV 215
VKBA 1333	KA 021
VKBA 1337	KA 029
VKBA 1340	KF 259
VKBA 1341	KF 456
VKBA 1344	KF 173
VKBA 1346	KF 352
VKBA 1347	KB 125
VKBA 1355	KF 096

VKBA 1356	KF 098
VKBA 1356	KF 306
VKBA 1356	KF 307
VKBA 1358	KF 182
VKBA 1362	KF 129
VKBA 1363	KB 217
VKBA 1366	KA 022
VKBA 1367	KA 187
VKBA 1369	KA 023
VKBA 1371	KC 188
VKBA 1374	KF 099
VKBA 1375	KV 260
VKBA 1377	KF 320
VKBA 1379	KV 100
VKBA 1385	KA 169
VKBA 1386	KA 169
VKBA 1387	KA 171
VKBA 1393	KA 170
VKBA 1396	KA 087
VKBA 1400	KA 502
VKBA 1401	KF 468
VKBA 1402	KF 465
VKBA 1403	KF 261
VKBA 1406	KV 156
VKBA 1410	KF 203
VKBA 1412	KF 543
VKBA 1413	KB 048
VKBA 1430	KA 054
VKBA 1431	KA 020
VKBA 1432	KF 115
VKBA 1432	KF 327
VKBA 1436	KV 177
VKBA 1437	KV 178
VKBA 1438	KF 165
VKBA 1439	KF 166
VKBA 1440	KV 164
VKBA 1441	KV 218
VKBA 1442	KF 161
VKBA 1443	KV 544
VKBA 1444	KA 079
VKBA 1445	KA 058
VKBA 1446	KA 058
VKBA 1447	KF 094

VKBA 1458	KV 108
VKBA 1459	KF 109
VKBA 1460	KF 110
VKBA 1462	KA 200
VKBA 1463	KA 200
VKBA 1465	KA 085
VKBA 1466	KF 453
VKBA 1467	KB 263
VKBA 1470	KA 126
VKBA 1475	KV 219
VKBA 1480	KF 116
VKBA 1481	KV 220
VKBA 1482	KV 221
VKBA 1484	KV 222
VKBA 1487	KA 003
VKBA 1488	KF 264
VKBA 1491	KF 183
VKBA 1494	KV 157
VKBA 1495	KF 176
VKBA 1498	KA 189
VKBA 1643	KV 439
VKBA 1915	KA 190
VKBA 1928	KA 393
VKBA 1930	KC 223
VKBA 1931	KC 224
VKBA 1933	KF 301
VKBA 1948	KF 225
VKBA 1949	KV 226
VKBA 1950	KF 227
VKBA 1953	KA 131
VKBA 1956	KA 186
VKBA 1964	KA 067
VKBA 1965	KA 067
VKBA 1966	KC 174
VKBA 1970	KF 121
VKBA 1971	KC 265
VKBA 1972	KC 444
VKBA 1973	KF 317
VKBA 1978	KA 061
VKBA 1985	KA 404
VKBA 1992	KA 545
VKBA 1999	KF 128
VKBA 310	KV 204

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VKBA 3201	KF 130	VKBA 3406	KF 233	VKBA 3469	KV 244
VKBA 3202	KV 530	VKBA 3407	KA 269	VKBA 3472	KA 533
VKBA 3205	KA 392	VKBA 3408	KF 158	VKBA 3473	KA 517
VKBA 3206	KA 266	VKBA 3409	KV 202	VKBA 3477	KV 114
VKBA 3216	KF 310	VKBA 3410	KF 138	VKBA 3480	KV 275
VKBA 3218	KV 228	VKBA 3412	KF 504	VKBA 3486	KF 127
VKBA 3219	KB 062	VKBA 3413	KF 270	VKBA 3488	KV 245
VKBA 3220	KC 419	VKBA 3414	KF 168	VKBA 3489	KV 276
VKBA 3222	KV 503	VKBA 3415	KV 271	VKBA 3490	KF 313
VKBA 3225	KV 267	VKBA 3416	KF 167	VKBA 3491	KV 246
VKBA 3234	KV 451	VKBA 3418	KV 234	VKBA 3492	KF 277
VKBA 3235	KB 443	VKBA 3420	KA 052	VKBA 3495	KF 195
VKBA 3236	KB 416	VKBA 3421	KA 053	VKBA 3496	KB 192
VKBA 3237	KF 316	VKBA 3422	KV 235	VKBA 3497	KV 440
VKBA 3245	KF 304	VKBA 3423	KF 113	VKBA 3499	KF 303
VKBA 3246	KF 102	VKBA 3424	KV 236	VKBA 3500	KB 278
VKBA 3250	KV 229	VKBA 3426	KA 515	VKBA 3501	KB 402
VKBA 3255	KA 007	VKBA 3427	KF 308	VKBA 3502	KV 411
VKBA 3256	KF 133	VKBA 3428	KA 272	VKBA 3503	KV 377
VKBA 3257	KF 134	VKBA 3429	KA 013	VKBA 3504	KF 312
VKBA 3266	KV 230	VKBA 3430	KA 080	VKBA 3510	KV 196
VKBA 3267	KV 231	VKBA 3434	KA 273	VKBA 3511	KV 198
VKBA 3269	KV 531	VKBA 3435	KB 422	VKBA 3512	KV 247
VKBA 3271	KV 513	VKBA 3440	KV 546	VKBA 3513	KV 199
VKBA 3272	KF 381	VKBA 3441	KF 159	VKBA 3514	KV 279
VKBA 3279	KV 489	VKBA 3442	KV 237	VKBA 3515	KV 279
VKBA 3284	KA 397	VKBA 3443	KF 516	VKBA 3519	KA 248
VKBA 3298	KV 232	VKBA 3444	KV 238	VKBA 3520	KF 450
VKBA 3305	KV 120	VKBA 3445	KV 239	VKBA 3521	KB 345
VKBA 3307	KV 490	VKBA 3446	KF 470	VKBA 3522	KF 280
VKBA 3308	KF 466	VKBA 3447	KF 274	VKBA 3523	KV 467
VKBA 3309	KF 119	VKBA 3449	KF 240	VKBA 3524	KV 478
VKBA 3311	KB 318	VKBA 3450	KF 241	VKBA 3525	KB 193
VKBA 3319	KA 035	VKBA 3451	KV 532	VKBA 3526	KV 249
VKBA 3321	KA 268	VKBA 3452	KF 348	VKBA 3527	KF 441
VKBA 3325	KB 491	VKBA 3455	KF 184	VKBA 3528	KF 281
VKBA 3326	KV 122	VKBA 3456	KV 194	VKBA 3530	KF 201
VKBA 3327	KV 123	VKBA 3457	KV 457	VKBA 3531	KF 282
VKBA 3331	KA 430	VKBA 3458	KV 242	VKBA 3532	KB 191
VKBA 3401	KV 514	VKBA 3459	KV 547	VKBA 3535	KF 479
VKBA 3403	KF 137	VKBA 3460	KV 505	VKBA 3536	KV 250
VKBA 3404	KA 033	VKBA 3461	KF 101	VKBA 3538	KF 346
VKBA 3405	KA 032	VKBA 3468	KV 243	VKBA 3540	KV 251

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VKBA 3541	KV 534	VKBA 3601	KB 338	VKBA 3658	KB 368
VKBA 3542	KV 492	VKBA 3602	KV 337	VKBA 3659	KV 435
VKBA 3543	KF 433	VKBA 3603	KF 452	VKBA 3660	KV 322
VKBA 3545	KV 459	VKBA 3605	KF 519	VKBA 3661	KV 386
VKBA 3546	KV 305	VKBA 3606	KV 395	VKBA 3662	KB 436
VKBA 3548	KV 284	VKBA 3607	KF 446	VKBA 3664	KB 469
VKBA 3550	KV 285	VKBA 3608	KF 375	VKBA 3665	KV 105
VKBA 3551	KB 356	VKBA 3610	KV 449	VKBA 3666	KA 383
VKBA 3552	F 15121	VKBA 3613	KB 293	VKBA 3667	KV 297
VKBA 3552	KB 362	VKBA 3614	KB 344	VKBA 3668	KF 348
VKBA 3553	F 300006	VKBA 3615	KF 371	VKBA 3670	KV 431
VKBA 3554	KF 145	VKBA 3616	KF 315	VKBA 3673	KV 462
VKBA 3555	KV 252	VKBA 3617	KB 339	VKBA 3674	KV 374
VKBA 3556	KB 078	VKBA 3618	KF 340	VKBA 3675	KV 472
VKBA 3561	KV 535	VKBA 3619	KV 506	VKBA 3676	KB 364
VKBA 3562	KV 403	VKBA 3620	KV 343	VKBA 3677	KV 520
VKBA 3567	KV 286	VKBA 3624	KV 336	VKBA 3680	KB 357
VKBA 3568	KV 518	VKBA 3625	KF 549	VKBA 3681	KV 432
VKBA 3569	KV 287	VKBA 3627	KV 401	VKBA 3682	KF 418
VKBA 3570	KV 420	VKBA 3628	KF 300	VKBA 3683	KF 399
VKBA 3571	KF 342	VKBA 3632	KV 480	VKBA 3685	KV 408
VKBA 3572	KF 341	VKBA 3633	KF 434	VKBA 3687	KV 493
VKBA 3574	KF 378	VKBA 3635	KV 294	VKBA 3688	KF 494
VKBA 3575	KF 329	VKBA 3637	KF 351	VKBA 3689	KB 390
VKBA 3576	KV 328	VKBA 3638	KF 366	VKBA 3690	KB 372
VKBA 3577	KF 288	VKBA 3639	KB 350	VKBA 3691	KV 447
VKBA 3578	KF 536	VKBA 3640	KB 295	VKBA 3693	KV 410
VKBA 3580	KV 398	VKBA 3641	KB 296	VKBA 3697	KV 507
VKBA 3581	KF 283	VKBA 3642	KB 424	VKBA 3703	KF 321
VKBA 3583	KV 409	VKBA 3643	KV 359	VKBA 3729	KF 298
VKBA 3584	KF 289	VKBA 3644	KV 367	VKBA 3730	KF 197
VKBA 3585	KV 290	VKBA 3645	KF 421	VKBA 3731	KV 537
VKBA 3587	KV 114	VKBA 3646	KV 394	VKBA 3775	KA 423
VKBA 3588	KV 291	VKBA 3647	KF 302	VKBA 3780	KF 227
VKBA 3589	KV 325	VKBA 3648	KF 334	VKBA 3785	KF 448
VKBA 3590	KV 326	VKBA 3650	KV 333	VKBA 3786	KF 376
VKBA 3592	KV 460	VKBA 3651	KV 332	VKBA 3789	KV 481
VKBA 3594	KV 445	VKBA 3652	KV 330	VKBA 3792	KA 415
VKBA 3595	KV 548	VKBA 3653	KV 331	VKBA 3794	KV 412
VKBA 3596	KF 155	VKBA 3654	KV 323	VKBA 3796	KA 413
VKBA 3598	KF 373	VKBA 3655	KV 324	VKBA 3799	KF 495
VKBA 3599	KF 471	VKBA 3656	KV 358	VKBA 3901	KA 405
VKBA 3600	KF 292	VKBA 3657	KF 354	VKBA 3902	KF 428

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VKBA 3907	KF 299	VKBA 5412	F 15100	VKBA 6548	KV 511
VKBA 3909	KF 508	VKBA 5416	F 200005	VKBA 6549	KB 464
VKBA 3922	KB 496	VKBA 542	KA 005	VKBA 6550	KF 461
VKBA 3923	KC 463	VKBA 543	KA 074	VKBA 6551	KF 437
VKBA 3929	KF 429	VKBA 546	KA 089	VKBA 6553	KV 524
VKBA 3930	KV 353	VKBA 547	KA 088	VKBA 6556	KV 360
VKBA 3931	KV 482	VKBA 548	KA 043	VKBA 6558	KV 361
VKBA 3932	KV 497	VKBA 551	KA 063	VKBA 6561	KF 539
VKBA 3934	KV 521	VKBA 552	KA 063	VKBA 6570	KF 391
VKBA 3935	KB 365	VKBA 559	KF 161	VKBA 6575	KF 473
VKBA 3936	KA 407	VKBA 562	KA 210	VKBA 6623	KV 486
VKBA 3945	KF 309	VKBA 564	KA 042	VKBA 663	KF 133
VKBA 3949	KA 483	VKBA 571	KA 211	VKBA 6632	KF 512
VKBA 3951	KF 426	VKBA 575	KF 095	VKBA 6643	KF 319
VKBA 3959	KF 498	VKBA 576	KF 185	VKBA 673	KC 132
VKBA 3965	KF 509	VKBA 577	KF 180	VKBA 675	KC 174
VKBA 3969	KF 417	VKBA 593	KF 179	VKBA 678	KF 500
VKBA 3970	KC 522	VKBA 596	KA 027	VKBA 6803	KV 501
VKBA 3973	KV 538	VKBA 607	KC 253	VKBA 6812	KF 388
VKBA 3979	KF 370	VKBA 614	KA 026	VKBA 6814	KV 485
VKBA 3981	KF 380	VKBA 618	KF 139	VKBA 6825	KF 525
VKBA 3991	KF 351	VKBA 622	KF 140	VKBA 6831	KF 382
VKBA 3995	KB 400	VKBA 625	KV 162	VKBA 6837	KV 438
VKBA 3997	KF 442	VKBA 629	KC 146	VKBA 6838	KV 526
VKBA 502	KA 068	VKBA 636	KC 148	VKBA 684	KA 036
VKBA 504	KA 014	VKBA 638	KF 150	VKBA 685	KF 160
VKBA 505	KA 017	VKBA 639	KC 147	VKBA 686	KA 015
VKBA 506	KA 040	VKBA 6500	KV 458	VKBA 687	KA 019
VKBA 513	KA 002	VKBA 6507	KV 335	VKBA 6873	KV 527
VKBA 517	KA 025	VKBA 6515	KB 384	VKBA 6875	KV 528
VKBA 523	KA 083	VKBA 6516	KV 523	VKBA 6891	KF 487
VKBA 526	KA 039	VKBA 652	KA 044	VKBA 6906	KV 427
VKBA 527	KA 066	VKBA 6520	KF 385	VKBA 6913	KF 529
VKBA 528	KA 075	VKBA 6521	KV 484	VKBA 6931	KF 475
VKBA 529	KA 069	VKBA 6525	KV 387	VKBA 6972	KF 540
VKBA 5314	F 15097	VKBA 6530	KA 414	VKBA 6978	KV 541
VKBA 532	KA 001	VKBA 6537	KA 406	VKBA 708	KA 349
VKBA 534	KA 065	VKBA 654	KA 043	VKBA 713	KA 086
VKBA 5377	F 300005	VKBA 6540	KF 510	VKBA 718	KA 004
VKBA 539	KA 499	VKBA 6541	KV 474	VKBA 723	KC 149
VKBA 5397	F 15122	VKBA 6543	KV 454	VKBA 728	KA 073
VKBA 540	KA 041	VKBA 6544	KB 369	VKBA 729	KF 141
VKBA 5409	F 15126	VKBA 6546	KV 425	VKBA 733	KA 212

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VKBA 734	KV 163	VKBA 938	KV 105	VKHB 2042	683/672
VKBA 736	KF 134	VKBA 940	KV 162	VKHB 2043	663/653 F
VKBA 738	KF 172	VKBA 941	KA 028	VKHB 2044	33014 F
VKBA 740	KA 018	VKBA 944	KA 038	VKHB 2045	33012 F
VKBA 741	KA 081	VKBA 949	KA 214	VKHB 2046	33015 F
VKBA 743	KV 144	VKBA 958	KD 118	VKHB 2047	33013 F
VKBA 749	KA 254	VKBA 959	KA 084	VKHB 2048	33018 F
VKBA 752	KA 077	VKBA 961	KB 008	VKHB 2050	HM 215249/ HM 215210
VKBA 756	KA 030	VKBA 964	KF 092	VKHB 2051	33213 F
VKBA 757	KF 124	VKBA 966	KV 152	VKHB 2054	2789/2720
VKBA 801	KA 072	VKBA 967	KV 154	VKHB 2055	1380/1328
VKBA 802	KA 071	VKBA 968	KV 258	VKHB 2056	33109 F
VKBA 813	KB 011	VKBA 969	KB 090	VKHB 2057	33205 F
VKBA 814	KB 012	VKBA 973	KC 205	VKHB 2058	32304 F
VKBA 826	KA 070	VKBA 975	KB 046	VKHB 2059	33111 F
VKBA 827	KC 488	VKBA 976	KB 047	VKHB 2060	32011 XF
VKBA 828	KA 476	VKBA 977	KA 049	VKHB 2061	33211 F
VKBA 829	KA 255	VKHB 2001	32308 F	VKHB 2063	32307 F
VKBA 830	KA 091	VKHB 2002	32311 F	VKHB 2065	33208 F
VKBA 837	KA 051	VKHB 2003	32312 F	VKHB 2066	33214 F
VKBA 838	KA 050	VKHB 2004	32309 F	VKHB 2067	33209 F
VKBA 844	KA 009	VKHB 2007	32306 F	VKHB 2068	33210 F
VKBA 845	KA 010	VKHB 2013	6386/6320	VKHB 2070	32310 F
VKBA 846	KA 010	VKHB 2014	537/532	VKHB 2072	32314 F
VKBA 869	KB 045	VKHB 2015	32209 F	VKHB 2075	33895/33822
VKBA 882	KF 142	VKHB 2016	32206 F	VKHB 2076	47490
VKBA 890	KV 103	VKHB 2017	32210 F	VKHB 2080	32217 F
VKBA 897	KA 076	VKHB 2018	32207 F	VKHB 2082	33019 F
VKBA 898	KA 082	VKHB 2019	32211 F	VKHB 2083	598 A/592
VKBA 904	KA 389	VKHB 2020	32208 F	VKHB 2088	39581/39520
VKBA 906	KF 181	VKHB 2021	JM 207049	VKHB 2089	3585/3525
VKBA 908	KF 314	VKHB 2023	JM 205149/110	VKHB 2124	33020 F
VKBA 909	KF 153	VKHB 2026	32216 F	VKHB 2132	331933 F
VKBA 910	KC 256	VKHB 2028	33215 F	VKHB 2137	JM 714249/210
VKBA 912	KA 455	VKHB 2029	HM 218248/210	VKHB 2140	33016 F
VKBA 915	KF 143	VKHB 2030	32218 F	VKHB 2141	681 A/672
VKBA 918	KA 347	VKHB 2031	32219 F	VKHB 2142	47687/47620
VKBA 919	KA 257	VKHB 2032	HM 220149 A/110	VKHB 2143	687/672
VKBA 922	KD 117	VKHB 2033	32215 F	VKHB 2145	33020 F
VKBA 925	KA 056	VKHB 2034	395 S	VKHB 2146	33021 F
VKBA 926	KA 055	VKHB 2036	39580/39520	VKHB 2147	JF 10049/10
VKBA 927	KA 213	VKHB 2040	594/592 A	VKHB 2151	LM 48548/510
VKBA 929	KA 057	VKHB 2041	580/572	VKHB 2152	M 12649/610

VKHB 2153	LM 501349/310	VKHB 2216	32024 XF
VKHB 2154	32014 XF	VKHB 2221	47678/47620
VKHB 2155	331293 F	VKHB 2222	33115 F
VKHB 2156	33011 F	VKHB 2225	33217 F
VKHB 2157	32016 XF	VKHB 2226	JM 718149 A/110
VKHB 2158	33117 F	VKHB 2227	HM 518445/410
VKHB 2159	33113 F	VKHB 2228	JF 6049/10
VKHB 2160	32021 XF	VKHB 2232	33216 F
VKHB 2161	32019 XF	VKHB 2233	33112 F
VKHB 2162	33021 F	VKHB 2234	32012 XF
VKHB 2163	33022 F	VKHB 2236	32309 BF
VKHB 2164	30220 F	VKHB 2237	L 68149/110
VKHB 2165	33220 F	VKHB 2239	18690/18620
VKHB 2167	30210 F	VKHB 2241	45291
VKHB 2168	30215 F	VKHB 2242	3490
VKHB 2169	32017 XF	VKHB 2243	JM 511946/910
VKHB 2170	32018 XF	VKHB 2246	18790/18720
VKHB 2171	32314 BF	VKHB 2247	32924
VKHB 2173	33212 F	VKHB 2248	30218 F
VKHB 2175	39590/39520	VKHB 2255	JF 5049/10
VKHB 2179	33206 F	VKHB 2258	368 A/362 A
VKHB 2182	33207 F	VKHB 2262	30305 F
VKHB 2184	JF 4549/10	VKHB 2267	32006 XF
VKHB 2185	52375	VKHB 2270	LM 11949/910
VKHB 2186	JHM 720249/ JHM 720210	VKHB 2271	LM 12749/710
VKHB 2188	32008 XF	VKHB 2272	LM 300849/811
VKHB 2189	30205 F	VKHB 2275	32010 XF
VKHB 2190	33108 F	VKHB 2276	387 A/382
VKHB 2191	32010 XF	VKHB 2277	387 A/382 A
VKHB 2192	JF 9549/10	VKHB 2280	F 15193
VKHB 2195	6379/6320	VKHB 2281	32022 XF
VKHB 2198	30311 F	VKHB 2282	32015 XF
VKHB 2199	32013 XF	VKHB 2283	30312 F
VKHB 2200	47487/47420 A	VKHB 2284	32214 F
VKHB 2201	30309 F	VKHB 2285	HM 220149/110 F
VKHB 2202	30307 F	VKHB 2287	JH 211749/ JH211710
VKHB 2203	JH 415647/610 F	VKHB 2288	32213 F
VKHB 2204	30216 F	VKHB 2294	32305 F
VKHB 2205	JM 515649/610	VKHB 2296	30209 F
VKHB 2208	563/567	VKHB 2297	32220 F
VKHB 2212	32221 F	VKHB 2304	30313 F
VKHB 2214	33113 F	VKHB 2306	32020 XF
VKHB 2215	30221 F	VKHB 2309	25590/520

VKHB 2310	3780/3720
VKHB 2311	33287/33462
VKHB 2321	33017 F
VKHB 2326	33116 F
VKHB 2331	33118 F
VKHB 2332	H 212749/H 212710
VKHB 2333	495/493
VKHB 2334	30217 F
VKHB 2338	JLM 714149/ JLM 714110
VKHB 2347	32212 F

SNR	Fersa
4209 A	F 18009
6210 NR ZB	F 18032
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GB 40575 S02	F 16123	R 140.88	KA 515	R 151.31	KF 450
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R 140.26	KA 070	R 150.24	KF 110	R 152.28	KA 082
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R 140.34	KA 023	R 150.27	KF 348	R 152.33	KA 257
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R 140.38	KB 296	R 150.29	KV 239	R 152.37	KA 021
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R 140.52	KD 117	R 150.33	KF 378	R 152.43	KV 220
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R 152.66	KV 323	R 154.13	KA 069
R 152.66	KV 324	R 154.14	KF 179
R 152.69	KV 386	R 154.15	KF 095
R 152.70	KV 484	R 154.15	KF 185
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R 153.07	KA 007	R 154.18	KA 072
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R 153.14	KF 133	R 154.24	KA 455
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R 153.16	KA 039	R 154.33	KF 233
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R 153.22	KV 235	R 154.42	KF 241
R 153.23	KV 202	R 154.43	KF 098
R 153.25	KF 137	R 154.44	KV 276
R 153.26	KF 138	R 154.45	KV 284
R 153.27	KV 252	R 154.46	KB 422
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R 153.31	KV 196	R 154.50	KA 248
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R 153.33	KV 199	R 154.54	KV 361
R 153.34	KV 279	R 154.54	KV 367
R 153.35	KF 342	R 154.55	KV 358
R 153.36	KF 341	R 154.56	KV 359
R 153.37	KB 338	R 154.56	KV 486
R 153.38	KV 337	R 154.57	KV 425
R 153.39	KF 292	R 154.58	KV 394
R 153.40	KV 343	R 154.61	KV 360
R 153.41	KV 336	R 155.00	KC 146
R 153.42	KA 404	R 155.01	KC 147
R 153.43	KV 335	R 155.03	KA 043
R 153.46	KF 319	R 155.05	KA 042
R 153.47	KV 333	R 155.06	KA 044
R 153.48	KV 332	R 155.07	KF 375
R 153.49	KV 331	R 155.08	KC 149
R 153.50	KV 330	R 155.09	KF 153
R 153.51	KV 524	R 155.10	KC 148

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R 155.18	KV 258	R 155.32	KB 192
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R 155.22	KA 043	R 155.46	KV 244
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R 155.47	KV 243	R 155.67	KV 535
R 155.52	KF 312	R 155.69	KF 340
R 155.54	KV 440	R 155.70	KB 339
R 155.56	KV 246	R 155.71	KF 315
R 155.61	KF 277	R 155.72	KF 371
R 155.63	KB 193	R 155.74	KF 334
R 155.64	KB 278	R 155.75	KF 351
R 155.65	KB 402	R 155.76	KF 366
R 155.66	KV 492	R 155.77	KB 350
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R 157.27	KV 395	R 159.03	KF 140
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R 157.31	KV 286	R 159.08	KA 041
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R 157.46	KF 446	R 159.13	KF 141
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R 158.11	KC 253	R 159.32	KV 236
R 158.13	KV 163	R 159.37	KV 114
R 158.14	KV 204	R 159.38	KB 078
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R 158.29	KV 544	R 159.47	KF 399
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R 158.32	KF 166	R 159.49	KV 410
R 158.34	KF 270	R 159.50	KV 458
R 158.35	KF 168	R 159.53	KB 369
R 158.37	KF 167	R 159.54	KB 464
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R 158.55	KF 471	R 160.27	KV 534
R 158.56	KV 523	R 160.30	KV 398
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R 159.12	KA 073	R 161.09	KA 254
R 159.13	KF 141	R 161.19	KV 505
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R 159.40	KV 305	R 165.05	KA 212
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R 159.43	KV 403	R 165.11	KF 175
R 159.43	KV 548	R 165.15	KV 178
R 159.44	KF 289	R 165.16	KF 176
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R 166.24	KV 114	R 169.36	KF 316
R 166.26	KV 275	R 169.37	KF 197
R 166.28	KF 313	R 169.38	KF 298
R 166.29	KV 460	R 169.50	KF 259
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R 166.31	KV 445	R 169.59	KV 507
R 166.32	KV 435	R 169.60	KF 309
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R 168.15	KA 034	R 170.12	KA 542
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R 168.19	KB 217	R 170.23	KV 226
R 168.24	KV 267	R 170.24	KV 232
R 168.26	KF 128	R 170.26	KA 393
R 168.27	KV 503	R 170.32	KF 225
R 168.29	KV 530	R 170.49	KF 540
R 168.30	KF 130	R 172.00	KC 205
R 168.40	KF 321	R 172.01	KA 024
R 168.41	KA 131	R 172.02	KC 477
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R 168.50	KA 035	R 173.05	KC 188
R 168.54	KA 430	R 173.06	KA 190
R 168.59	KA 392	R 173.07	KA 186
R 168.61	KB 400	R 173.09	KA 187
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R 168.65	KF 442	R 173.15	KA 022
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R 169.01	KA 065	R 173.17	KV 122
R 169.02	KA 066	R 173.18	KV 123
R 169.02	KA 067	R 173.19	KB 491
R 169.04	KC 174	R 173.20	KA 423
R 169.08	KF 456	R 173.22	KF 119
R 169.10	KF 173	R 173.23	KV 120
R 169.14	KF 352	R 173.25	KV 490
R 169.20	KV 451	R 173.31	KV 538
R 169.23	KA 067	R 174.12	KF 099

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R 174.19	KV 100	R 174.19	KV 100
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R 174.28	KV 229	R 174.28	KV 229
R 174.34	KF 102	R 174.34	KF 102
R 174.40	KF 426	R 174.40	KF 426
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R 178.03	KA 054	R 178.03	KA 054
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R 184.03	KV 231	R 184.03	KV 231
R 184.05	KF 299	R 184.05	KF 299
R 184.07	KV 336	R 184.07	KV 336
R 184.09	KV 513	R 184.09	KV 513
R 184.11	KV 412	R 184.11	KV 412
R 184.12	KF 508	R 184.12	KF 508
R 184.13	KF 388	R 184.13	KF 388
R 184.14	KF 487	R 184.14	KF 487
R 184.15	KV 526	R 184.15	KV 526
R 184.16	KV 438	R 184.16	KV 438
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EK 73836	KA 004	EK 73836	KA 004
EK 73837	KA 083	EK 73837	KA 083
EK 74209	KF 111	EK 74209	KF 111
EK 74210	KF 112	EK 74210	KF 112
EK 74215	KF 264	EK 74215	KF 264
EK 74221	KF 261	EK 74221	KF 261
EK 74240	KA 393	EK 74240	KA 393
EK 74242	KV 135	EK 74242	KV 135
EK 74244	KF 136	EK 74244	KF 136
EK 74248	KF 175	EK 74248	KF 175
EK 74254	KV 215	EK 74254	KV 215
EK 74287	KA 023	EK 74287	KA 023
EK 74288	KA 186	EK 74288	KA 186
EK 74291	KF 543	EK 74291	KF 543
EK 74307	KB 090	EK 74307	KB 090
EK 74310	KV 156	EK 74310	KV 156
EK 74330	KA 392	EK 74330	KA 392
EK 74340	KF 115	EK 74340	KF 115
EK 74340	KF 327	EK 74340	KF 327
EK 74341	KA 021	EK 74341	KA 021
EK 74341	KA 383	EK 74341	KA 383
EK 74344	KA 084	EK 74344	KA 084
EK 74347	KF 203	EK 74347	KF 203
EK 74349	KF 159	EK 74349	KF 159
EK 74350	KA 054	EK 74350	KA 054
EK 74354	KF 165	EK 74354	KF 165
EK 74355	KA 079	EK 74355	KA 079
EK 74356	KF 094	EK 74356	KF 094

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EK 78614	KF 109	EK 78803	KV 271	EK 79067	KF 429
EK 78615	KF 110	EK 78804	KF 113	EK 79078	KF 288
EK 78616	KF 104	EK 78805	KV 236	EK 79084	KV 467
EK 78617	KV 219	EK 78811	KB 443	EK 79085	KV 478
EK 78618	KA 200	EK 78813	KF 133	EK 79086	KV 196
EK 78623	KA 545	EK 78813	KF 376	EK 79087	KV 198
EK 78631	KF 227	EK 78815	KA 053	EK 79088	KV 247
EK 78632	KV 226	EK 78819	KF 167	EK 79089	KV 199
EK 78634	KF 116	EK 78820	KV 234	EK 79090	KV 279
EK 78635	KV 220	EK 78822	KF 308	EK 79093	KF 145
EK 78636	KV 221	EK 78853	KF 304	EK 79094	KB 078
EK 78638	KV 222	EK 78869	KF 240	EK 79100	KF 282
EK 78641	KA 085	EK 78870	KF 241	EK 79107	KV 439
EK 78642	KF 453	EK 78873	KV 548	EK 79117	KV 251
EK 78643	KB 263	EK 78888	KF 225	EK 79134	KF 433
EK 78647	KF 516	EK 78893	KV 460	EK73716	KA 349
EK 78647	KV 490	EK 78896	KV 275	EK74281	KF 259
EK 78653	KV 267	EK 78900	KV 547	EK74331	KA 266
EK 78654	KA 268	EK 78902	KF 184	EK74360	KF 161
EK 78655	KA 035	EK 78903	KV 194	EK78647	KF 121
EK 78656	KA 430	EK 78904	KV 238	EK78648	KV 228
EK 78657	KV 235	EK 78905	KV 239	EK78651	KF 317
EK 78658	KV 202	EK 78906	KF 470	EK78704	KB 318
EK 78659	KA 404	EK 78921	KV 231	EK78875	KV 114
EK 78660	KV 157	EK 78922	KV 230	EK78942	KF 119
EK 78679	KC 174	EK 78925	KV 489	EK79068	KV 353
EK 78684	KF 176	EK 78927	KA 397	JL 22349/10 F	F 15028
EK 78706	KF 137	EK 78930	KV 232	JRM 3535 A / JRM 3565 XD	F 15044
EK 78723	KF 466	EK 78933	KB 422	JRM 3939 / JRM 3968 XD	F 15045
EK 78747	KF 233	EK 78935	KV 120	JXC 25469 C	F 15167
EK 78767	KF 138	EK 78936	KV 122	JXC 25469CA / JXC 25469 DB	F 15068
EK 78773	KV 244	EK 78938	KV 123	JXC 25662 C	Cone F 15110
EK 78774	KV 243	EK 78939	KB 491	K 80102	KA 001
EK 78776	KB 047	EK 78952	KV 457	K 80103	KA 002
EK 78785	KA 013	EK 78953	KF 101	K 80104	KA 003
EK 78786	KA 272	EK 78954	KV 505	K 80107	KA 077
EK 78787	KA 080	EK 78968	KV 242	K 80108	KF 092
EK 78791	KV 177	EK 78999	KF 313	K 80113	KA 004
EK 78792	KB 416	EK 79005	KF 197	K 80116	KF 094
EK 78796	KF 504	EK 79006	KV 537	K 80119	KF 264
EK 78797	KV 252	EK 79039	KA 405	K 80122	KV 219
EK 78802	KV 514	EK 79041	KA 413		
EK 78803	KV 245	EK 79066	KV 451		

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K 80123	KF 346	K 80708	KA 073	K 81141	KB 191
K 80123	KF 461	K 80712	KB 008	K 81141	KB 384
K 80124	KF 437	K 80718	KF 111	K 81150	KA 083
K 80124	KF 510	K 80719	KF 112	K 81151	KA 085
K 80125	KV 236	K 80723	KV 215	K 81151	KD 117
K 80125	KV 251	K 80724	KF 113	K 81155	KA 084
K 80126	KV 534	K 80732	KV 275	K 81156	KD 118
K 80128	KV 377	K 80734	KF 313	K 81159	KB 263
K 80153	KB 012	K 80735	KV 459	K 81201	KA 022
K 80202	KA 005	K 80737	KB 078	K 81203	KV 231
K 80203	KA 069	K 80750	KA 009	K 81204	KV 230
K 80207	KF 096	K 80751	KA 010	K 81206	KA 086
K 80208	KF 308	K 80752	KB 011	K 81207	KA 190
K 80212	KF 184	K 80754	KA 079	K 81208	KA 186
K 80213	KV 194	K 80755	KA 272	K 81209	KA 023
K 80214	KF 098	K 80756	KA 013	K 81211	KA 187
K 80215	KA 248	K 80757	KA 080	K 81214	KV 120
K 80216	KF 479	K 80758	KB 356	K 81220	KV 122
K 80217	KV 250	K 80759	KB 362	K 81221	KV 123
K 80309	KF 320	K 81101	KA 074	K 81223	KC 188
K 80310	KF 099	K 81102	KA 014	K 81802	KC 205
K 80312	KV 100	K 81103	KA 015	K 81850	KA 024
K 80313	KV 260	K 81104	KA 075	K 81851	KC 477
K 80323	KF 101	K 81107	KA 017	K 81902	KA 542
K 80326	KV 229	K 81109	KA 018	K 81905	KF 227
K 80328	KF 304	K 81110	KA 076	K 81906	KF 225
K 80329	KF 102	K 81111	KA 019	K 81907	KV 226
K 80334	KA 254	K 81115	KA 257	K 81908	KV 232
K 80403	KA 007	K 81115	KA 347	K 82001	KA 025
K 80410	KF 134	K 81116	KA 020	K 82002	KA 026
K 80410	KF 448	K 81117	KA 021	K 82003	KA 027
K 80507	KF 104	K 81118	KA 081	K 82005	KF 124
K 80509	KF 396	K 81119	KA 082	K 82006	KA 028
K 80510	KV 105	K 81120	KF 115	K 82007	KB 125
K 80511	KF 106	K 81120	KF 327	K 82008	KA 029
K 80514	KF 107	K 81125	KF 116	K 82009	KA 030
K 80516	KV 108	K 81126	KV 220	K 82011	KA 189
K 80517	KF 109	K 81127	KV 221	K 82015	KF 450
K 80518	KF 110	K 81129	KV 222	K 82017	KF 280
K 80520	KV 238	K 81135	KF 240	K 82050	KA 087
K 80521	KV 239	K 81136	KF 241	K 82051	KA 273
K 80524	KV 532	K 81139	KF 201	K 82053	KA 126
K 80701	KF 500	K 81140	KF 282	K 82056	KA 031

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K 82057	KA 032	K 82620	KV 305	K 83207	KC 253
K 82058	KA 033	K 82904	KA 043	K 83210	KF 160
K 82063	KA 515	K 82907	KC 148	K 83210	KF 203
K 82068	KF 127	K 82908	KC 149	K 83212	KF 161
K 82302	KV 267	K 82909	KA 044	K 83213	KV 162
K 82306	KA 034	K 82910	KF 150	K 83214	KV 163
K 82307	KF 128	K 82911	KB 048	K 83215	KV 204
K 82308	KV 503	K 82913	KV 152	K 83216	KF 261
K 82311	KF 129	K 82915	KB 046	K 83217	KV 164
K 82312	KB 217	K 82916	KV 154	K 83220	KF 468
K 82315	KF 130	K 82917	KF 155	K 83221	KF 465
K 82318	KV 530	K 82918	KB 047	K 83224	KV 218
K 82319	KF 321	K 82920	KV 156	K 83226	KF 165
K 82350	KA 035	K 82923	KB 090	K 83227	KF 166
K 82353	KC 132	K 82926	KV 157	K 83235	KF 270
K 82358	KA 037	K 82932	KV 258	K 83236	KF 168
K 82364	KA 268	K 82934	KV 546	K 83237	KF 167
K 82501	KF 133	K 82936	KV 244	K 83237	KV 237
K 82502	KA 038	K 82937	KV 243	K 83238	KF 281
K 82504	KA 039	K 82945	KF 312	K 83241	KF 288
K 82510	KV 135	K 82947	KV 440	K 83252	KA 169
K 82512	KF 136	K 82949	KV 246	K 83253	KA 170
K 82513	KV 235	K 82950	KA 255	K 83257	KA 058
K 82516	KF 137	K 82952	KF 314	K 83259	KA 200
K 82517	KV 202	K 82955	KA 091	K 83305	KA 060
K 82518	KF 138	K 82959	KB 278	K 83401	KC 223
K 82523	KV 196	K 82960	KB 402	K 83402	KC 224
K 82524	KV 198	K 82962	KF 195	K 83403	KF 301
K 82525	KV 247	K 82963	KB 192	K 83408	KF 509
K 82527	KV 279	K 82965	KB 045	K 83451	KC 265
K 82528	KV 252	K 82965	KB 193	K 83451	KC 522
K 82529	KF 342	K 83050	KA 050	K 83452	KB 062
K 82530	KF 341	K 83053	KA 052	K 83452	KB 496
K 82542	KV 199	K 83054	KA 053	K 83453	KC 419
K 82604	KF 139	K 83055	KF 441	K 83601	KF 172
K 82606	KA 089	K 83104	KA 054	K 83602	KA 063
K 82610	KA 041	K 83105	KF 159	K 83603	KA 064
K 82611	KF 140	K 83107	KV 286	K 83705	KF 173
K 82612	KF 141	K 83108	KV 518	K 83710	KA 065
K 82613	KF 142	K 83109	KV 287	K 83720	KF 352
K 82615	KF 143	K 83202	KA 210	K 83729	KF 298
K 82616	KV 144	K 83205	KA 056	K 83730	KF 197
K 82619	KF 145	K 83206	KA 057	K 83753	KA 066

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K 83754	KA 067	K82960	KB 344	0635 370 023	32008 XF
K 83756	KC 174	K82966	KF 277	0635 370 051	15123/15245
K 84 006	KA 212	K83201	KA 213	0635 371 002	32305 F
K 84001	KA 068	K83450	KA 061	0635 371 019	30207 F
K 84008	KA 211	K83707	KF 309	0635 371 032	30206 F
K 84009	KF 175	K83707	KF 316	0635 371 039	30212 F
K 84010	KF 176	K83728	KF 310	0635 372 017	30307 F
K 84011	KV 177	NP 057427	Cone F 15132	0635 372 018	30308 F
K 84012	KV 178	NP 078914	F 15097	0635 372 021	30307 F
K 84018	KV 271	NP 318274	F 15122	0635 373 002	32207 F
K 84021	KV 242	NP 353549 / NP 673396	F 15197	0635 373 008	32212 F
K 84023	KV 234	NP 390444 / NP 750997	F 15198	0635 373 018	32213 F
K 84024	KF 302	NP 457202	Cone F 15131	0635 373 021	32209 F
K 84025	KV 245	NP 988748 / NP 247732	F 15133	0635 376 005	33115 F
K 84028	KV 249	SET 10	U 399/U 360 L + COLLAR	0635 376 010	33205 F
K 84029	KV 480	SET 1231	F 15097	0635 376 014	33213 F
K 84101	KF 179	SET 1237	F 15126	0635 421 317	NUP 212 FM
K 84103	KF 180	SET 1242	F 15122	0635 501 597	LM 67048/10
K 84105	KF 181	SET 20	U 399/U 365 L + COLLAR	0635 501 698	M 86649/M 86610
K 84106	KF 182	SET 80	U 497/U 460 L + COLLAR	0635 501 936	LM 806649/10
K 84107	KF 183	SET 9	U 298/U 261 L + COLLAR	0635 501 937	33207 F
K 84108	KV 276	TKR 8572	F 16082	0635 501 942	LM 48548/10
K 84109	KV 420	XC110240CG/ L45410	F 15029	0635 501 943	L 44649/L 44610
K 84110	KV 285	XGA 33211	F 15047	0635 501 951	3877/3820
K 84150	KA 070			0635 501 952	HM 803146/10
K 84151	KA 071			0635 501 954	HM 803145/10
K 84153	KA 072			0635 900 616	NJ 309 FM
K 84157	KC 256			0635 900 663	32307 F
K 84160	KF 233			0735 370 153	32021 XF
K 89914	KF 153			0735 370 229	LM 501349/10
K80204	KF 095			0735 370 438	2789/2729
K80211	KF 185	TORRINGTON	Fersa	0735 370 708	32207 F
K80506	KV 105	544740 B	F 19032	0735 370 742	3386/3325
K80516	KV 297	M 1206 EL	F 19068	0735 370 881	M 84548/M 84510
K80523	KF 348	MU 1307 TM	F 19077	0735 371 053	32014 XF
K80526	KF 303	MU 1308 UM	F 19034	0735 371 223	33109 F
K81903	KA 214	MUS 1307 TM	F 19078	0735 371 404	32013 XF
K82016	KB 345	RU 1570 UM	F 19035	0735 371 429	32206 F
K82352	KA 036	RU 9008 UM	F 19033	0735 371 515	33889/33822
K82506	KF 134			0735 371 599	HM 807046/ HM 807010 BT
K82956	KA 049	ZF	Fersa	0735 371 607	344/332
K82958	KA 269	0501 398 232	33117 F	0735 371 696	32015 XF
K82959	KB 293	0635 370 020	32013 XF	0735 371 723	2789/2729

0735 371 732	33885/33822	0750 117 312	45285 A/45221	0750 117 570	JP 12049 A/10
0735 371 749	33208 F	0750 117 314	JM 822049/10	0750 117 608	33214 F
0735 371 894	F 15114	0750 117 323	LM 501349/10	0750 117 618	32208 F
0735 372 004	32016 XF	0750 117 326	JM 714249/10	0750 117 625	32014 XF
0735 372 193	32019 XF	0750 117 332	31313 F	0750 117 635	37431 A/37625
0750 117 003	JF 6049/10	0750 117 336	32021 XF	0750 117 640	JM 205149/10
0750 117 009	5395/5335	0750 117 346	387 A/383 A	0750 117 721	33022 F
0750 117 057	31310 F	0750 117 347	JM 612949/10	0750 117 732	30217 F
0750 117 062	JL 819349/10	0750 117 353	M 88048/M 88010	0750 117 733	39590/39520
0750 117 079	33262 A/33461	0750 117 354	HM 803149/10	0750 117 762	33220 F
0750 117 083	33889/33822	0750 117 355	JF 5049/JF 5010	0750 117 766	32026 XF
0750 117 088	31308 F	0750 117 380	30210 F	0750 117 773	F 15104
0750 117 143	JF 7049/10	0750 117 381	30216 F	0750 117 782	HM 88542/10
0750 117 144	47490/47420	0750 117 401	JM 511946/10	0750 117 784	HM 89446/10
0750 117 169	32205 BF	0750 117 421	29688/29620	0750 117 785	32011 XF
0750 117 177	28985/28921	0750 117 449	72200 C/72487	0750 117 802	30210 F
0750 117 179	HM 807049/10	0750 117 469	HM 804846/10	0750 117 815	32021 XF
0750 117 209	33210 F	0750 117 515	HM 807048/10	0750 117 816	32024 XF
0750 117 224	30208 F	0750 117 519	HM 218248/10	0750 117 831	M 12649/M 12610
0750 117 284	31312 F	0750 117 524	32309 F	0750 117 835	32014 XF
0750 117 289	24780/24720	0750 117 562	Cone F 15101	0750 118 129	F 19022
0750 117 308	M 86649/M 86610	0750 117 562	F 15101		



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