

CATÁLOGO DE MANCAIS INDUSTRIAIS

INDUSTRIAL BEARINGS CATALOGUE

Este Catálogo de Mancais Industriais contém inúmeros tipos de mancais e buchas, produzidos sob a marca SMAGON[®], com aplicação em máquinas e equipamentos diversos como bombas, compressores, exaustores, laminadores, geradores, motores elétricos, motores de combustão interna, redutores, turbinas, ventiladores e sopradores, existentes nas indústrias petroquímica, siderúrgica, cimenteira, papelreira, de mineração, de geração de energia e outras.

Na definição das formas estruturais e dimensionais das peças são aplicados métodos modernos de processamento e cuidadosa especificação dos materiais, seguindo normas nacionais e internacionais tais como ABNT, AFNOR, ASTM, BS, DIN, JIS, SAE, UNI e outras, ou as nossas próprias normas, nas quais estão inseridos os melhores resultados de nossas pesquisas. Os materiais aplicados em nossos produtos estão listados na tabela apresentada na página seguinte.

Se o mancal consultado não estiver contido neste catálogo, significa apenas que ainda não o confeccionamos; entretanto, poderemos definir seu projeto a partir de desenho e/ou amostra e produzi-lo de acordo com as especificações.

This Industrial Bearings Catalogue contains most of the comprehensive range of bearings and bushes manufactured under registered trade mark SMAGON[®], suitable to such machinery or equipment as pumps, compressors, exhaust systems, rolling mills, electric generators, electric motors, internal combustion engines, reduction equipment, turbines, ventilation systems, blowers and other equipments used in petrochemical, iron and steel, cement, paper, mining, energy and other industries.

Advanced methods of dimensioning, processing and material specification are used in the task of determining dimensional form and structure of the parts, which could be supplied with accepted national and international standards such as ABNT, AFNOR, ASTM, BS, DIN, JIS, SAE, UNI and others, or our own standards which were based on the results of our research and experience in the field. The materials used in our products are arranged in distinct types, presented in a table in the following page.

If your required bearing do not appear in this catalogue it only means that we still do not manufactured it; however, we could develop the production of your bearing through sketches, drawings, or samples supplied by you.

ESPECIFICAÇÃO SMAGON DE MATERIAIS

SMAGON MATERIALS SPECIFICATION

BIMETÁLICOS BIMETALLICS

Suporte de aço com metal patente: (<i>Babbitt steel backed</i>)					
M8	M9	M10	M11	M14	M15
M17	M18	M19	M35	M37	M47
M64	M83	M86	M91	M103	M110
M117	M119	M134	M140	M142	M145
M146	M153	M158	M174	M176	M183
M186	M188	M199	M202	M203	M205
M207	M208	M215	M230	M231	M235
M237	M239	M240			
Suporte de aço com bronze: (<i>Bronze steel backed</i>)					
M1	M3	M43	M45	M53	M69
M115	M164	M193			
Suporte de bronze com liga de alumínio: (<i>Aluminium alloy steel backed</i>)					
M56					
Suporte de bronze com metal patente: (<i>Bronze steel backed</i>)					
M28	M29	M32	M34	M63	M73
M74	M77	M89	M94	M102	M113
M120	M151	M161	M177	M191	M201
M212	M225	M227	M234		
Suporte de bronze com overlay: (<i>Bronze with overlay</i>)					
M46	M127	M136	M137	M157	M179
M209					
Suporte de alumínio com overlay: (<i>Aluminium alloy with overlay</i>)					
M22					
Suporte de alumínio com metal patente: (<i>Babbitt aluminium backed</i>)					
M229					
Suporte de aço com liga de prata: (<i>Silver alloy steel backed</i>)					
M143					

TRIMETÁLICOS TRIMETALLICS

Suporte de aço com bronze e overlay: (<i>Bronze steel backed with overlay</i>)					
M2	M4	M42	M55	M129	M165
M166	M192	M196	M197		
Suporte de aço com bronze e metal patente: (<i>Bronze steel backed with babbitt</i>)					
M6	M51	M70	M96	M116	M138
M139	M162	M163	M220		
Suporte de aço com alumínio e overlay: (<i>Aluminium alloy steel backed with overlay</i>)					
M57					
Suporte de aço com metal patente e overlay: (<i>Babbitt steel backed with overlay</i>)					
M112	M123				
Suporte de aço com prata e overlay: (<i>Silver alloy steel backed with overlay</i>)					
M144					

SÓLIDO-FUNDIDOS SOLID CAST

Liga de Alumínio: (<i>Aluminium alloy</i>)					
M21	M25	M27	M67	M85	M131
M171	M182	M200	M204		
Metal patente: (<i>Babbitt</i>)					
M80	M81	M114	M118	M128	M181
M217					
Bronze: (<i>Bronze</i>)					
M30	M39	M44	M52	M60	M61
M72	M124	M125	M132	M141	M184
M198	M210				
Ferro-fundido: (<i>Cast Iron</i>)					
T23	T46	M133	M152		
Aço ligado: (<i>Steel alloy</i>)					
T2	T44				

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
BOMBA - PUMP						
ALLIS CHALMERS	SGD 42x30	Sapata axial	Thrust shoe bearing	08114.682.503	EEK 03	M17
		Mancal radial	Radial bearing		UCFA 93	M8
AWB	FE 85	Mancal de biela	Connecting rod bearing		ICBA 08	M8
BALKE BOCHUM	TMS-61V	Mancal radial	Radial bearing		PCFA 17F	M15
BINGHAM	4x6x10M30	Mancal radial	Radial bearing		KACFA 73F	M15
BYRON JACKSON	DMSH	Mancal radial	Radial bearing		TCFA 23	M17
		Mancal radial	Radial bearing		FACFA 59	M17
	DVMX	Mancal radial	Radial bearing		ZCFA 89	M15
	HDO 4"x9 3/4"	Mancal radial	Radial bearing		UCFA 11	M15
	HSB 6"x 8"x 13"	Mancal radial	Radial bearing		RACFA 77	M17
	LDSHO 6"x10"x14"	Mancal radial	Radial bearing		IACFA 51	M15
	4"x9"	Mancal radial	Radial bearing		ZCFA 07	M17
DIEFFENBACHER	DP 80	Mancal de biela	Connecting rod bearing		ICBA 82F	M17
	SL2400	Mancal de biela	Connecting rod bearing		BCB 07F	M120
EBARA	100M52M	Mancal radial	Radial bearing		XCFA 97	M35
		Mancal radial	Radial bearing		XCFA 98	M35
	100MS11	Mancal radial	Radial bearing		FACFA 60	M11
	100 x 60 SSP	Mancal radial	Radial bearing		HCFA 04	M35
	125 x 100 DSSVM	Mancal radial	Radial bearing		EACFA 64	M35
	125 x 100 SPDVM	Mancal radial	Radial bearing		GACFA 93	M145
	125 x 100 SSP8	Mancal radial	Radial bearing	R810377-01	CACFA 57	M15
		Mancal radial	Radial bearing	R810377-02	CACFA 58	M15
		Sapata axial	Thrust shoe bearing	M9 E/4E	AEEK 18	M15
	150x125 SS7, 150x125 SS8M	Mancal radial	Radial bearing	R910132	HACFA 09	M15
	150 MSIIM	Mancal radial	Radial bearing		LACFA 33	M145
	SSVM 200x100	Mancal radial	Radial bearing		RACFA 33	M35
HALBERG	HML 100x9	Mancal radial	Radial bearing		EACFA 86	M19
		Mancal radial	Radial bearing		EACFA 87	M19
	H0300x18	Mancal radial	Radial bearing		D-09200	M35
		Sapata axial	Thrust shoe bearing		EEK 63	M35

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
BOMBA - PUMP						
HAUPT	E150/3	Mancal radial	Radial bearing		D-10854	M35
		Mancal radial	Radial bearing		D-10855	M35
HITACHI	IBGM-GH	Mancal radial	Radial bearing		FACFA 78	M202
		Mancal radial	Radial bearing		FACFA 79	M202
	DU-600x400	Mancal radial	Radial bearing		ACFA 49F	M35
	BSG	Mancal axial	Thrust bearing		NACFA 88F	M35
		Mancal axial	Thrust bearing		RACFA 96F	M35
		Mancal axial	Thrust bearing		RACFA 97F	M35
		Mancal axial	Thrust bearing		RACFA 98F	M35
	BV-CH	Mancal radial	Radial bearing		KACFA 74F	M35
		Mancal radial	Radial bearing		KACFA 75F	M35
	DV-300x200	Mancal radial	Radial bearing		FACFA 46	M183
H. TYLER	DSHO 6x8x14	Mancal radial	Radial bearing	32600/800	RCFA 63	M19
	DSHO 6x10x14H	Mancal radial	Radial bearing	32495/300/F	PCFA 98F	M15
		Mancal radial	Radial bearing		JACFA 20	M15
		Mancal radial	Radial bearing		KACFA 29F	M15
INGERSOLL RAND	8 ALV	Mancal radial	Radial bearing		ICF 07 S	M80
		Mancal axial	Thrust bearing		GCF 14F	M81
		Sapata axial	Thrust shoe bearing		EEK 38	M113
		Sapata axial	Thrust shoe bearing		EEK 39	M113
	CNTA-6	Sapata axial	Thrust shoe bearing		D-12937	M28
	CNTA-63, CNTA-8	Sapata axial	Thrust shoe bearing		EEK 31	M28
		Sapata axial	Thrust shoe bearing		EEK 32	M28
		Mancal axial	Thrust bearing		GCF 31F	M118
		Mancal axial	Thrust bearing		GCF 54F	M28
	CNT-6	Mancal radial	Radial bearing		ECF 88F	M118
	CNT-6, 3CNTA-8	Mancal axial oscilante	Tilting pad thrust bearing		D-10299	M15
	8HDB-192	Mancal radial	Radial bearing		NACFA 14	M19
	17D 88F/RG	Mancal radial	Radial bearing		HCF 89	M28
KSB	HBC	Mancal radial	Radial bearing		FACFA 85F	M43
	HDA, HDB 40/50	Mancal radial	Radial bearing		JACFA 69	M19
	HDA, HDB 65/80	Mancal radial	Radial bearing		JACFA 70	M19
	HDA80	Mancal radial	Radial bearing		D-10856	M35
		Mancal radial	Radial bearing		D-10857	M35
		Labirinto	Labirinth		D-10858	M35
	HDA100	Mancal radial	Radial bearing		JACFA 71	M19
	HDA125/5	Mancal radial	Radial bearing		FACFA 47	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
BOMBA - PUMP						
KSB	HDA125/5	Mancal radial	Radial bearing		HACFA 08	M15
		Mancal radial	Radial bearing		HACFA 17	M15
	HDA150/3	Mancal radial	Radial bearing		QACFA 46	M11
	HL150/100	Mancal radial	Radial bearing		ICF 11	M177
	GL65/4	Mancal radial	Radial bearing		FACFA 94	M19
	MGL65/4	Mancal radial	Radial bearing		FACFA 95	M19
		Mancal axial oscilante	Tilting pad thrust bearing		D-11776	M15
		Sapata axial	Thrust shoe bearing		SAA 01	M15
		Mancal axial	Thrust bearing		MA 01	M15
LEMASA	90/2, 120/2, 150/3	Mancal de biela	Connecting rod bearing	170.0125.0	ICBA 71	M2
		Mancal de biela	Connecting rod bearing	170.0134.0	ICBA 72	M2
	L500/4	Mancal de biela	Connecting rod bearing	170.0159.0	ICBA 98	M2
MITSUBISHI	MDG 426	Mancal radial	Radial bearing		PACFA 14F	M11
NUOVO PIGNONE	WAMNL/4	Mancal radial	Radial bearing		ICF 15	M28
OIL WELL	A-536	Mancal de biela	Connecting rod bearing	08.444.000	ACB 71F	M28
	A-560PT	Mancal de biela	Connecting rod bearing	16.484.400	HCBA 10	M2
	D-323	Mancal de biela	Connecting rod bearing	08.801.028	GCBA 78	M15
		Bucha de biela	Connecting rod bushing		HCF 54	M30
	346P	Mancal de biela	Connecting rod bearing	08.444.002	HCBA 30	M8
	6/8 PHD	Mancal de biela	Connecting rod bearing		ACB 41	M81
		Mancal de biela	Connecting rod bearing	08.005.033	ACB 53	M81
		Mancal de biela	Connecting rod bearing		ACB 49	M81
PACIFIC	AC 2 1/2" S	Mancal radial	Radial bearing		FACFA 45	M17
		Sapata axial	Thrust shoe bearing		EEK 34	M15
	AC 3" S	Sapata axial	Thrust shoe bearing		EEK 36	M15
	ACTB 2	Mancal radial	Radial bearing		IACFA 27	M17
	ACTB 6S	Mancal radial	Radial bearing		IACFA 92	M17
		Mancal axial	Thrust bearing		IACFA 98F	M17
	BF1C 45	Mancal radial	Radial bearing		LACFA 98	M15
	BF1 6" CSX	Mancal radial	Radial bearing		CACFA 59	M15
		Mancal radial	Radial bearing		CACFA 60	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11105	M8
		Sapata axial	Thrust shoe bearing		EEK 48	M8
	BFJTC	Mancal radial	Radial bearing		UCFA 96	M15
		Mancal radial	Radial bearing		UCFA 97	M15
		Sapata axial	Thrust shoe bearing		EEK 89	M15
	CTM-36HM	Mancal radial	Radial bearing		FCF 93	M39
		Bucha	Bushing		D-09484	M30

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BOMBA - PUMP						
	CTM-36HM	Anel Mancal radial	Washer Radial bearing	MC10603L1XC18F	D-09483 D-10877	M30 M30
	JCT3	Mancal radial	Radial bearing		QCFA 88	M15
	JVO 6"x11"	Mancal radial Mancal radial Sapata axial	Radial bearing Radial bearing Thrust shoe bearing		XCFA 47 XCFA 48 EEK 48	M17 M17 M8
	OV-6"	Mancal radial Mancal radial	Radial bearing Radial bearing		NCFA 24 IACFA 91	M15 M17
	PCDD 657	Mancal radial	Radial bearing		PACFA 93	M15
	ZICDS	Mancal radial Sapata axial Mancal radial	Radial bearing Thrust shoe bearing Radial bearing		XCFA 13 EEK 44 XCFA 14	M35 M15 M35
	10x17S-HVC	Mancal radial Mancal radial	Radial bearing Radial bearing		HACFA 23 HACFA 24	M15 M15
	WYM 4 x 12	Mancal radial	Radial bearing		KCF 27	M30
PARTEK	610/7/SDT	Mancal de biela	Connecting rod bearing	77037	FCBA 26	M15
PROMINAS	BPS 330-110	Mancal de biela	Connecting rod bearing	C510-300-018/020	HCBA 96	M2
	BPS 360-200	Mancal de biela	Connecting rod bearing	516-300-018/020	ICBA 01	M2
	BPS 545-200	Mancal de biela	Connecting rod bearing	533-300-018/020	HCBA 52	M2
RACINE	20	Mancal radial	Radial bearing	3.011.669	DACFA 56	M15
REXROTH	B3 40/63	Bucha	Bushing		EACFA 53	M192
	G2/3 e 8	Bucha	Bushing		ICF 10	M179
	G3 29/38	Bucha	Bushing		EACFA 51	M192
	G4/100	Bucha	Bushing		EACFA 56	M192
	V3/25	Bucha	Bushing		EACFA 52	M192
	V4/20	Bucha	Bushing		EACFA 54	M192
	4/80	Bucha	Bushing		EACFA 55	M192
SEMCO-DOLPHIN	3x2V	Mancal radial	Radial bearing	1017/005	DCF 81	M60
	5x3V, 5x4V	Mancal radial	Radial bearing	1011/006	DCF 71	M60
	8x6V, 10x10V	Mancal radial	Radial bearing	1013/014	DCF 69	M60
	12x12V	Mancal radial	Radial bearing	1024/015	ECF 98	M60
	DB 10x10V	Mancal radial	Radial bearing	1020/033	ECF 97	M60
	DB 350V/255	Mancal radial	Radial bearing	1029/011	ICF 50F	M60
	MARK IV	Mancal radial	Radial bearing	1016/021	DCF 72	M60
	MARK V	Mancal radial	Radial bearing	1021/020	ECF 51	M60
	TC10V/457	Mancal radial	Radial bearing	1030/012	ICF 51F	M60

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
BOMBA - PUMP						
STORK	HD,HTD 35x7-25/15	Mancal radial	Radial bearing		VCFA 78F	M15
SULZER/ SULZER WEISE	BSW 950-15/130	Sapata radial	Radial shoe bearing	100392	SRA 27	M208
		Sapata axial	Thrust shoe bearing	100938	SAA 35	M208
		Sapata axial	Thrust shoe bearing	204726	SAA 36	M208
	GSG	Sapata axial	Thrust shoe bearing		BEEK 55	M19
	GSG102-290/5	Mancal radial	Radial bearing		AACFA 43F	M15
		Mancal radial	Radial bearing		FACFA 52F	M19
		Mancal radial	Radial bearing		LACFA 09F	M19
		Sapata axial	Thrust shoe bearing		BEEK 33	M208
		Mancal axial oscilante	Tilting pad thrust bearing		D-11967	M208
	GSG8125	Mancal radial	Radial bearing		AACFA 42F	M15
		Sapata axial	Thrust shoe bearing		SAA 02	M208
		Mancal axial	Thrust bearing		MA 02	M208
	HTL 18-8-32-176	Mancal radial	Radial bearing		MACFA 27F	M8
	HZZM-X 140x145	Mancal radial	Radial bearing		IACFA 60F	M19
	MD 81-255	Mancal radial	Radial bearing		EACFA 35F	M15
		Mancal radial	Radial bearing		EACFA 36F	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-12229	M208
		Sapata axial	Thrust shoe bearing		BEEK 50	M208
		Mancal radial	Radial bearing		SACFA 15F	M19
	MD 400	Mancal axial oscilante	Tilting pad thrust bearing		D-11658	M208
	GSG102-290/3	Sapata axial	Thrust shoe bearing		AEEK 82	M208
	ME 82295/8	Mancal radial	Radial bearing		BACFA 34F	M15
		Mancal radial	Radial bearing		FACFA 49F	M15
	RP37EE	Mancal radial	Radial bearing		ACFA 89	M15
	SM 252-500	Anel de desgaste	Wear ring		D-12850	M52
	SML XII 400/100	Mancal radial	Radial bearing		GACFA 28F	M15
	ZNN-X-450	Mancal radial	Radial bearing		ICF 12F	M30
		Mancal radial	Radial bearing		ICF 13F	M30
SUNDYNE	LMV311 151A/B	Mancal radial	Radial bearing	BE09AA01688	D-10675	M39
		Mancal radial	Radial bearing	AAF688	D-11662	M30
		Arruela de encosto	Thrust washer	WA05A1262	BAEB 33	M3
	LVM322	Mancal radial	Radial bearing	BE09AB03	ICF 40	M39
		Arruela de encosto	Thrust washer		BAEB 43	M42
UNION	DUPLEX LS	Anel de vedação	Packing ring		D-05873	M30
		Anel de vedação	Packing ring		D-05872	M181
UNITED	S-3x9WMSN	Mancal radial	Radial bearing		ICF 49	M28
	3x15TC	Mancal radial	Radial bearing		BACFA 36	M15
	6x13DVS	Mancal radial	Radial bearing	G 1967.18	HCF 68	M28

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
BOMBA - PUMP						
URACA	KD 212	Mancal de biela	Connecting rod bearing		HCBA 71F	M8
		Mancal de biela	Connecting rod bearing		HCBA 86F	M8
	KD 813	Cruzeta	Crosshead		D-11621	M200
		Mancal de biela	Connecting rod bearing		ICBA 04F	M8
	KD 815	Mancal de biela	Connecting rod bearing		HCBA 11F	M8
		Bucha da cruzeta	Crosshead bushing		KCF 03	M260
		Bucha de engaxetamento	Packing bush		D-12566	M17
	KD 825	Mancal de biela	Connecting rod bearing		ICBA 65F	M8
	NPO KD 210	Mancal de biela	Connecting rod bearing		GCBA 87F	M15
		Bucha de biela	Connecting rod bushing		HCF 91	M21
	NPO KD 210V	Cruzeta	Crosshead		D-11516	M200
WEIR	EF33	Mancal radial	Radial bearing		RACFA 91	M19
WOMA	1502	Mancal de biela	Connecting rod bearing	010.1246	ICBA 44	M15
	452-P45	Mancal de biela	Connecting rod bearing		ICBA 95	M2
WORTHINGTON	BC/EBAS	Mancal radial	Radial bearing		D-10882	M15
		Mancal de biela	Connecting rod bearing		D-10883	M28
	EBC, EBAS	Mancal de biela	Connecting rod bearing		BCB 03F	M28
	KCA	Mancal de biela	Connecting rod bearing		ECBA 76	M15
	KRS (5"x10")	Mancal de biela	Connecting rod bearing	PB-8264	ACB 56F	M74
	KTS (6"x12")	Mancal de biela	Connecting rod bearing	PB-8326	ACB 54F	M74
		Bucha de biela	Connecting rod bushing	PB-8327	GCF 26	M30
	30-LNC-41	Mancal radial	Radial bearing		KACFA 24	M15
	8 HDS-192	Mancal radial	Radial bearing		RACFA 46	M19
	8UWS-1	Mancal radial	Radial bearing		NCFA 23	M19
	8-WC-13-9	Sapata axial	Thrust shoe bearing		SAA 12	M15
	VQE-H	Sapata de cruzeta	Crosshead shoe bearing	04481	D-10750	M182
		Mancal axial	Thrust bearing	04349	XCFA 96F	M51
		Mancal de biela	Connecting rod bearing	04446G	GCBA 48	M51
		Bucha da cruzeta	Crosshead bushing		HCF 23	M28
		Mancal radial	Radial bearing	04354	ICFA 87	M51
		Bucha da cruzeta	Crosshead bushing		ICF 85	M30
		Bucha da cruzeta	Crosshead bushing	ENT 7503	HACFA 31	M55
		Sapata de cruzeta	Crosshead shoe bearing		D-11766	M182
	VTE 1/2/2A	Mancal de biela	Connecting rod bearing		ACB 87F	M191
	VTE-V70	Mancal de biela	Connecting rod bearing		HCBA 29	M51
	WTL124	Mancal radial	Radial bearing	32054MN	TCFA 69	M15
	VTL129	Sapata axial	Thrust shoe bearing		EEK 08	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11286	M15
		Mancal radial	Radial bearing		DCF 83	M28
	6WC136	Mancal radial	Radial bearing		EACFA 85	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
BOMBA - PUMP						
BOMBA DE LUBRIFICAÇÃO - LUBRICATION PUMP						
FUJI	MTG 59101	Mancal radial	Radial bearing		FACFA 42	M15
		Mancal radial	Radial bearing		IACFA 66	M15
		Mancal axial	Thrust bearing		D-11491	M15
		Mancal axial	Thrust bearing		D-12119	M15
		Arruela de encosto	Thrust washer		D-11498	M15
		Arruela de encosto	Thrust washer		D-12120	M15
		Arruela de encosto	Thrust washer		BAEB 47	M15
		Arruela de encosto	Thrust washer		BAEB 64	M15
		Sapata axial	Thrust shoe bearing		BEEK 53	M19
		Sapata axial	Thrust shoe bearing		BEEK 54	M19
MITSUI	Nihil	Mancal radial	Radial bearing	2T-24283-1/2	XCFA 44	M8
		Mancal radial	Radial bearing	2T-24283-3/4	XCFA 46	M8
BOMBA TRIPLEX - TRIPLEX PUMP						
SUGINO MACHINE	JCP302210E	Mancal de biela	Connecting rod bearing	JCP1702B1A	GCBA 79	M2
		Bucha de biela	Connecting rod bushing		CACFA 31	M3
UNION	TRIPLEX 4Tx115	Mancal de biela	Connecting rod bearing		ACB 91	M28
	TRIPLEX 5Tx200	Mancal de biela	Connecting rod bearing		ACB 97	M77

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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BRITADOR - CRUSHER

KAWASAKI	KFS 2100	Mancal radial	Radial bearing		JCF 31	M44
NORDBERG	OMNICON 937	Mancal radial	Radial bearing	110.22072950	D-12219	M127
	OMNICON 1144	Mancal radial	Radial bearing	110.22145955	D-11508	M27
		Mancal radial	Radial bearing	110.22073303	D-11511	M27
	OMNICON 1352	Mancal radial	Radial bearing	110.22074063	D-11582	M127
		Mancal radial	Radial bearing	110.22147102	D-11591	M127
	OMNICON 1560	Mancal radial	Radial bearing	510.22074802	D-11571	M127
		Mancal radial	Radial bearing	110.22147347	D-11572	M127

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
CAIXA DE ENGRENAGEM - GEAR BOX						
EBARA	GBP25H	Mancal axial lado do pinhão	High speed thrust bearing		D-10806	M15
		Mancal axial lado do pinhão	High speed thrust bearing		D-10807	M15
		Mancal axial lado da coroa	Low speed thrust bearing		D-10808	M15
		Mancal axial lado da coroa	Low speed thrust bearing		D-10809	M15
		Mancal axial	Thrust bearing		HACFA 28F	M15
		Mancal axial	Thrust bearing		HACFA 29F	M15
	GBP28H	Mancal axial lado do pinhão	High speed thrust bearing		HACFA 25	M15
COMELOR	GVB430	Mancal radial	Radial bearing		EACFA 26F	M17
DRESSER	Nihil	Mancal axial	Gearbox thrust bearing	993-121-002	KCF 09F	M30
		Mancal axial	Gearbox thrust bearing	993-123-001	KCF 10F	M30
FLENDER BOCHOLT	Nihil	Mancal radial	Radial bearing		EACFA 33F	M17
		Mancal radial	Radial bearing		EACFA 34F	M17
	TX 35/8	Sapata axial	Thrust shoe bearing	CFL 100100BR07	SAA 57	M208
		Sapata axial	Thrust shoe bearing	CFL 100200BR07	SAA 58	M208
		Sapata axial	Thrust shoe bearing	CFL 100300BR07	SAA59	M208
	TX 40/1C	Sapata radial	Radial shoe bearing		SRA 11	M208
		Sapata radial	Radial shoe bearing	48398/12	SRA 12	M208
		Sapata radial	Radial shoe bearing	48399/17	SRA 13	M208
		Mancal radial	Radial bearing	1800F135A RP478/00/05	RACFA 15	M15
		Mancal radial	Radial bearing	1800F135B RP479-00/05	RACFA 16	M15
RWT	SB273/1177A	Mancal radial	Radial bearing		FACFA 03F	M19
		Mancal axial	Thrust bearing		IACFA 15F	M1
	SB273/1177B	Mancal radial	Radial bearing		JACFA 18F	M235
		Mancal axial	Thrust bearing		JACFA 17F	M235
SACK	80	Mancal axial	Thrust bearing		LACFA 15F	M35

FABRICANTE <i>OEM NAME</i>	MODELO <i>MODEL</i>	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM <i>OEM PART NUMBER</i>	REF SMAGON <i>SMAGON REF</i>	MTL
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COMPENSADOR SÍNCRONO - *SYNCHRONOUS EQUALIZER*

MARELLI	20 MVAR	Mancal radial	<i>Radial bearing</i>		BACFA 42	M15
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FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
ALCATEL	HCA 315	Mancal radial	Radial bearing		EACFA 74F	M15
		Mancal radial	Radial bearing		EACFA 75F	M15
		Mancal radial	Radial bearing		CFA 76F	M5
		Mancal radial	Radial bearing		EACFA 77F	M15
	HCA 400	Mancal radial	Radial bearing		EACFA 57F	M15
		Mancal axial	Thrust bearing		EACFA 58F	M15
		Mancal radial	Radial bearing		EACFA 60F	M15
		Mancal axial	Thrust bearing		EACFA 61F	M15
	HCA 500	Mancal radial	Radial bearing		EACFA 65F	M15
		Mancal radial	Radial bearing		EACFA 66F	M15
		Mancal axial	Thrust bearing		EACFA 67F	M15
		Mancal axial	Thrust bearing		EACFA 68F	M15
ATLAS COPCO	BT3 / BT4, BT3 / BT4F	Mancal de biela	Connecting rod bearing	1614-0325	GCBA 44	M57
		Mancal de biela	Connecting rod bearing	1404-2313	FCBA 47	M2
	CT6	Mancal de biela	Connecting rod bearing	1404-0679	GCBA 37	M19
		Mancal de biela	Connecting rod bearing	1401-0679	GCBA 68	M19
	DR4	Mancal de biela	Connecting rod bearing	1302-2331	HCBA 44	M57
	ER5	Mancal de biela	Connecting rod bearing	1302-1226	HCBA 45	M57
	ER8	Mancal de biela	Connecting rod bearing	1302-2939	HCBA 46	M15
	ER9	Mancal de biela	Connecting rod bearing	1302-2937	HCBA 27	M15
BELLIS	WH 9	Mancal de biela	Connecting rod bearing	GPB1548 HA 16124	ICBA 84	M2
	WH 15	Mancal de biela	Connecting rod bearing	PSB014002 HA12946	ICBA 85	M2
	WH 40	Mancal de biela	Connecting rod bearing	PSB014004 HB27674	ICBA 86	M2
BORSIG	GD710/4	Sapata axial	Thrust shoe bearing		AEEK 51	M15
	SZVL-328	Mancal radial	Radial bearing		CACFA 96F	M158
		Mancal radial	Radial bearing		DACFA 01	M158
		Mancal de biela	Connecting rod bearing		GCBA 91	M158
BRYAN DONKIN	76MST	Mancal radial	Radial bearing	TP 3121-31	EACFA 38	M15
BURCKHARDT	C3H-250/300	Mancal de biela	Connecting rod bearing		HCBA 32F	M35
		Mancal radial	Radial bearing		FACFA 65F	M35
CARRIER	5F20	Mancal de biela	Connecting rod bearing	5F20-1002	HCBA 07	M15
		Mancal radial	Radial bearing	5F20-1012	DACFA 66	M15
		Mancal radial	Radial bearing	5F20-1022	DACFA 67	M15
		Bucha de biela	Connecting rod bushing	5F20-1031	EACFA 19	M3
	5F20C509	Mancal de biela	Connecting rod bearing		HCBA 04	M15
		Mancal radial	Radial bearing		DACFA 46	M15
	5F30	Mancal radial	Radial bearing	5F30-1012	DACFA 68	M15
	5F40	Mancal radial	Radial bearing	5F40-1012	DACFA 70	M15
		Mancal radial	Radial bearing	5F40-1022	DACFA 71	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
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COMPRESSOR - COMPRESSOR

CARRIER	5H40	Mancal de biela	Connecting rod bearing	5H40-1002	HCBA 09	M15
		Mancal radial	Radial bearing	5H40-1012	EACFA 17	M15
		Mancal radial	Radial bearing	5H40-1022	DACFA 82	M15
		Bucha de biela	Connecting rod bushing	5H40-1031	EACFA 16	M3
	6F25	Mancal radial	Radial bearing	6F25-1012	EACFA 18	M15
	17	Sapata radial	Radial shoe bearing	17M32-1632	EEK 88	M9
		Arruela de encosto	Thrust washer	17M32-3482	BAEB 16	M9
	17M	Mancal radial	Radial bearing	17M32-147	HCF 64	M28
		Mancal radial	Radial bearing	17M421-153	CACFA 35	M15
		Mancal radial	Radial bearing	17S32-143	HCF 92	M28
	17M30	Labirinto	Labyrinth		D-12627	M107
		Labirinto	Labyrinth		D-12628	M107
		Labirinto	Labyrinth		D-12629	M107
		Labirinto	Labyrinth		D-12630	M30
	17M40	Anel de encosto	Thrust washer		CAEB 03	M15
	18VT	Mancal radial	Radial bearing	18T351-143	FACFA 77	M15
	19D, 19DA, 19 DG, 19DH, 19EA	Mancal radial	Radial bearing	19D11-234	DACFA 12	M11
		Labirinto	Labyrinth	19D11-644	D-11463	M27
		Sapata axial	Thrust shoe bearing	19DA13-1193	AEEK 44	M11
		Sapata axial	Thrust shoe bearing	19DA23-1193	AEEK 45	M11
		Sapata axial	Thrust shoe bearing	19DA33-1193	AEEK 46	M11
		Mancal radial	Radial bearing	19D21-234	DACFA 13	M11
		Mancal radial	Radial bearing	19D31-234	DACFA 14	M11
		Labirinto	Labyrinth	19D21-164	D-11457	M27
		Labirinto	Labyrinth	19D23-164	D-11458	M27
		Labirinto	Labyrinth	19DA31-334	D-11459	M27
		Labirinto	Labyrinth	19D31-164	D-11193	M27
		Labirinto	Labyrinth	19DG11-164	D-11194	M27
		Labirinto	Labyrinth	19DG21-164	D-11195	M27
		Labirinto	Labyrinth	19DH11-1013	D-11472	M171
		Labirinto	Labyrinth	19DH21-1013	D-11473	M171
		Mancal radial	Radial bearing	19D21-1364	HCF 95	M73
		Labirinto	Labyrinth	19DG31-164	D-11196	M27
		Mancal radial	Radial bearing	19DH11-1104	HCF 94	M73
		Mancal axial	Thrust bearing	19D31-244	GACFA 39F	M11
		Mancal axial	Thrust bearing	19D21-244	GACFA 44F	M11
		Sapata axial	Thrust shoe bearing	19EA51-473	AEEK 47	M11
		Mancal radial	Radial bearing	19EA41-1342	DACFA 72	M11
		Labirinto	Labyrinth	19EA502-204	D-11228	M171
		Labirinto	Labyrinth	19EA42-1043	D-11229	M171
		Labirinto	Labyrinth	19EA43-1043	D-11230	M171
		Labirinto	Labyrinth	19EA55-1043	D-11231	M171
		Labirinto	Labyrinth	19EA412-204	D-11240	M171
		Labirinto	Labyrinth	19EA41-1363	D-11415	M171
		Labirinto	Labyrinth	19EA42-1073	D-11416	M171
		Labirinto	Labyrinth	19EA42-1033	D-11460	M171
		Labirinto	Labyrinth	19EA44-1033	D-11461	M171
		Labirinto	Labyrinth	19EA46-1033	D-11462	M171
		Mancal radial	Radial bearing	19EA51-1972	DACFA 15	M11

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
CHICAGO	AB	Bucha de biela	Connecting rod bushing	ET-6726/95	TCFA 66	M69
PNEUMATIC	36-21x25,0-CE	Mancal de biela	Connecting rod bearing		ACB 98	M227
CLARK	1M7-4	Mancal radial	Radial bearing		FACFA 37	M15
		Sapata axial	Thrust shoe bearing		AEEK 54	M15
	1M8-7	Labirinto	Labyrinth		D-09846	M21
		Sapata axial	Thrust shoe bearing		D-10894	M15
		Sapata axial	Thrust shoe bearing		D-10895	M15
		Sapata radial	Radial shoe bearing		D-10896	M15
	2B8-5	Sapata axial	Thrust shoe bearing	422533001	AEEK 11	M15
	2BA5-4	Mancal radial	Radial bearing		DCFA 37	M17
		Sapata axial	Thrust shoe bearing		EEK 64	M15
		Sapata axial	Thrust shoe bearing		AEEK 50	M15
		Anel flutuante	Floating ring	424-337-001	D-09124	M15
		Anel flutuante	Floating ring	424-412-001	D-09125	M15
		Retentor	Sealing		D-09464	M21
				13823057A/		
		Labirinto	Labyrinth	42423057-01	D-09122	M21
		Labirinto	Labyrinth	13823057B1	D-09123	M21
		Labirinto	Labyrinth	424422201	D-09126	M21
		Labirinto	Labyrinth	424422201	D-09463	M15
		Labirinto	Labyrinth		D-09466	M21
		Labirinto	Labyrinth	422637001	D-09874	M21
		Labirinto	Labyrinth		D-11426	M21
		Labirinto	Labyrinth		D-11429	M21
		Labirinto	Labyrinth		D-11430	M21
		Labirinto	Labyrinth		D-10841	M21
	2BAF-4	Anel flutuante	Floating ring		D-12684	M15
		Anel flutuante	Floating ring		D-12725	M15
		Labirinto	Labyrinth		D-12114	M21
		Labirinto	Labyrinth		D-12115	M21
		Labirinto	Labyrinth		D-12124	M21
	2BC9, 2BF9.8	Sapata radial	Radial shoe bearing	424702002	SRA 08	M15
		Sapata radial	Radial shoe bearing	404581001	D-10037	M15
		Sapata axial	Thrust shoe bearing	424537001	AEEK 10	M15
		Sapata axial	Thrust shoe bearing	424536001	AEEK 06	M15
		Sapata axial	Thrust shoe bearing	406817002/424536001	AEEK 07	M15
		Sapata axial	Thrust shoe bearing	406817001	AEEK 08	M15
		Retentor	Sealing	424576201	D-10008	M15
		Retentor	Sealing	405888202	D-10919	M15
		Retentor	Sealing	405867201	D-10569	M15
		Retentor	Sealing	405889201	D-11489	M15
		Retentor	Sealing		D-12543	M21
		Labirinto	Labyrinth	404837001	D-11420	M21
		Labirinto	Labyrinth	404879001	D-11421	M21
		Labirinto	Labyrinth	424555001	D-11422	M21
		Labirinto	Labyrinth	424586001	D-11423	M21
		Labirinto	Labyrinth	424535001	D-11632	M56
		Labirinto	Labyrinth	404354210	D-11633	M56
	2M8	Mancal radial	Radial bearing		FACFA 22	M15
		Sapata radial	Radial shoe bearing	320322.1	D-09179	M15
		Mancal axial	Thrust bearing	404958001	D-09180	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
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COMPRESSOR - COMPRESSOR

CLARK	2M8	Mancal axial	Thrust bearing	404956201	D-09181	M15
		Sapata axial	Thrust shoe bearing	423434001	EEK 26	M15
		Sapata axial	Thrust shoe bearing	423433001	EEK 27	M15
	3M5	Labirinto	Labyrinth		D-11263	M21
		Labirinto	Labyrinth		D-11264	M21
		Labirinto	Labyrinth		D-11265	M21
		Labirinto	Labyrinth		D-11266	M21
		Labirinto	Labyrinth		D-11267	M21
		Labirinto	Labyrinth		D-11617	M21
		Labirinto	Labyrinth		D-11618	M21
		Labirinto	Labyrinth	406009001	D-11619	M21
		Labirinto	Labyrinth		D-11620	M21
		Labirinto	Labyrinth		D-11622	M21
		Labirinto	Labyrinth		D-11623	M21
		Labirinto	Labyrinth		D-11624	M21
		Labirinto	Labyrinth		D-11625	M21
		Labirinto	Labyrinth		D-11626	M21
		Labirinto	Labyrinth		D-11851	M21
		Labirinto	Labyrinth		D-11927	M21
		Sapata radial	Radial shoe bearing		SRA 03	M208
		Sapata radial	Radial shoe bearing		SRA 04	M208
		Sapata radial	Radial shoe bearing		D-12188	M208
		Sapata radial	Radial shoe bearing		D-12189	M208
		Sapata radial	Radial shoe bearing		D-12494	M208
		Sapata radial	Radial shoe bearing		D-12495	M208
		Sapata radial	Radial shoe bearing		D-12497	M208
		Sapata radial	Radial shoe bearing		D-12498	M208
		Sapata axial	Thrust shoe bearing		BEEK 61	M134
		Sapata axial	Thrust shoe bearing		BEEK 62	M134
		Sapata axial	Thrust shoe bearing		BEEK 74	M15
		Sapata axial	Thrust shoe bearing		BEEK 75	M15
	3M9-7	Labirinto	Labyrinth		D-12198	M21
		Labirinto	Labyrinth		D-12199	M21
		Labirinto	Labyrinth		D-12200	M21
		Labirinto	Labyrinth		D-12201	M21
		Labirinto	Labyrinth		D-12202	M21
		Labirinto	Labyrinth		D-12203	M21
		Labirinto	Labyrinth		D-12204	M21
		Labirinto	Labyrinth		D-12204	M21
	4M7	Labirinto	Labyrinth		D-09888	M21
		Labirinto	Labyrinth	422524004	D-11646	M21
		Labirinto	Labyrinth	422524003	D-11645	M21
		Labirinto	Labyrinth	422523001	D-11643	M21
		Sapata axial	Thrust shoe bearing	421773001	AEEK 53	M15
		Mancal radial	Radial bearing	421965001/2	TCFA 74	M15
	4M7-4	Sapata axial	Thrust shoe bearing	421767001	AEEK 52	M15
		Labirinto	Labyrinth		D-11575	M204
		Labirinto	Labyrinth		D-11576	M204
		Labirinto	Labyrinth	422637001	D-11638	M204
		Labirinto	Labyrinth	422524001	D-11639	M204
		Labirinto	Labyrinth	422524003	D-11640	M204
		Labirinto	Labyrinth	422549004	D-11641	M204
	4M9-6	Sapata radial	Radial shoe bearing		D-11479	M15
		Labirinto	Labyrinth	421836201	D-11386	M21

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
CLARK	272 B7/2R	Retentor	Sealing	436851201	D-09990	M15
		Retentor	Sealing	407472201	D-10007	M15
		Retentor	Sealing	405889201	D-11304	M15
		Retentor	Sealing		D-12526	M15
		Retentor	Sealing		D-12527	M15
		Labirinto	Labyrinth		D-12507	M21
		Labirinto	Labyrinth		D-12508	M21
		Labirinto	Labyrinth		D-12515	M21
		Labirinto	Labyrinth		D-12605	M21
		Labirinto	Labyrinth		D-12606	M21
	272 BR7/1	Sapata radial	Radial shoe bearing	441234001	D-11449	M15
		Sapata radial	Radial shoe bearing	436822001	D-09964	M15
		Sapata axial	Thrust shoe bearing	407714001	AEEK 36	M15
		Sapata axial	Thrust shoe bearing	407714002	AEEK 37	M15
		Sapata axial	Thrust shoe bearing	407714003	AEEK 38	M15
		Sapata axial	Thrust shoe bearing	407713001	AEEK 39	M15
		Sapata axial	Thrust shoe bearing		BEEK 45	M134
		Sapata axial	Thrust shoe bearing		BEEK 46	M134
		Sapata axial	Thrust shoe bearing		EEK 82	M134
		Sapata axial	Thrust shoe bearing		EEK 83	M134
	373 B5/5	Sapata axial	Thrust shoe bearing	408150001-A	EEK 91	M134
		Sapata axial	Thrust shoe bearing	408150002-A	EEK 92	M134
		Sapata axial	Thrust shoe bearing	408150003-A	EEK 93	M134
		Sapata axial	Thrust shoe bearing	408150002	EEK 94	M134
		Sapata axial	Thrust shoe bearing	422361221	EEK 96	M134
		Sapata axial	Thrust shoe bearing		BEEK 56	M134
		Sapata axial	Thrust shoe bearing		BEEK 57	M134
		Sapata axial	Thrust shoe bearing		BEEK 59	M134
		Sapata axial	Thrust shoe bearing		BEEK 60	M134
		Sapata axial	Thrust shoe bearing		BEEK 60	M134
	CFA3 5"x3 1/2"	Mancal de biela	Connecting rod bearing		ACB 78F	M28
	CFB4	Mancal de biela	Connecting rod bearing	287035001	ACB 57F	M28
		Mancal axial	Thrust bearing	287017001	FCF 14F	M28
		Mancal axial	Thrust bearing	287367001	FCF 16F	M28
	CMA2	Mancal de biela	Connecting rod bearing		ACB 94F	M28
		Mancal axial	Thrust bearing		ICF 17F	M28
		Mancal radial	Radial bearing		ICF 80	M28
	CMB2	Mancal de biela	Connecting rod bearing		ACB 77F	M28
		Mancal axial	Thrust bearing		HCF 59F	M28
		Mancal radial	Radial bearing		HCF 87	M28
		Mancal radial	Radial bearing		HCF 88	M28
CLARK MITSUBISHI	4M7-4	Labirinto	Labyrinth		D-12872	M21
CLIMABUSS	CK58/CK65	Mancal de biela	Connecting rod bearing		BCB 06	M284
COLDEX	III	Bucha de biela	Connecting rod bushing	003405	ECF 64	M72
	IV-S	Mancal radial	Radial bearing	X-04.02.0021.018	IACFA 36	M3
	V-S	Mancal radial	Radial bearing	X-04.02.0024.017	IACFA 35	M3
		Mancal radial	Radial bearing	X-04.02.0023.010	IACFA 37	M3

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
COLDEX	VI-S	Mancal radial	Radial bearing	X-04-02.0027.016	HACFA 57	M3
		Mancal radial	Radial bearing	X-04.02.0026.010	IACFA 39	M3
		Mancal radial	Radial bearing	X-04.02.0025.010	KACFA 92	M3
	VII-S	Mancal radial	Radial bearing	X-04.02.0028.012	IACFA 49	M3
		Mancal radial	Radial bearing	X-04.02.0029.019	IACFA 34	M3
		Mancal radial	Radial bearing	X-04.02.030.017	HACFA 58	M3
	4L , 4M	Mancal radial	Radial bearing	X-04.02.0048.013	KACFA 93	M15
		Arruela de encosto	Thrust washer	X-04.58.0049.015	BAEB 72	M3
	4H , 4G , 6H	Mancal radial	Radial bearing	X-04.02.0032.010	IACFA 47	M15
		Arruela de encosto	Thrust washer	X-04.58.0201.011	BAEB 68	M3
	BHS 111 , 171, 191, 231	Mancal radial	Radial bearing	X-04.02.0016.014	IACFA 33	M3
		Mancal radial	Radial bearing	X-04.02.0017.010	IACFA 48	M3
		Arruela de encosto	Thrust washer	X-04.58.0047.012	BAEB 69	M3
	BHS 500	Mancal radial	Radial bearing	X-04.02.0031.013	IACFA 59	M3
	BHS 502, 592, 702, 802, 967, 1275	Mancal radial	Radial bearing	X-04.02.0018.010	IACFA 32	M3
		Mancal radial	Radial bearing	X-04.02.0018.017	KACFA 94	M15
		Arruela de encosto	Thrust washer	X-04.58.0048.019	BAEB 71	M3
		Mancal radial	Radial bearing	X-04.02.0019.013	IACFA 50	M15
CREUSOT	SSAC	Mancal de biela	Connecting rod bearing		FCBA 94	M2
		Arruela de encosto	Thrust washer		AAEB 72	M4
DE LAVAL	4C57	Sapata radial	Radial shoe bearing	CF-395B	D-10141	M15
	5CK57	Sapata radial	Radial shoe bearing	CF-395C	D-10142	M15
DEMAG	AMB41, B41	Mancal de biela	Connecting rod bearing	VM- 10724	GCBA 04	M70
		Mancal radial	Radial bearing	VW-10624	XCFA 76	M163
		Mancal radial	Radial bearing	VW-10623	AACFA 01	M163
		Mancal axial	Thrust bearing	VW-10625	AACFA 02F	M163
		Bucha de cruzeta	Crosshead bushing	VW-10375	TCFA 62F	M129
	AR-100-8-2	Sapata axial	Thrust shoe bearing		EEK 67	M8
	AR-250-9-2	Sapata axial	Thrust shoe bearing		AEEK 80	M205
		Sapata axial	Thrust shoe bearing		AEEK 81	M205
	AR-250-9	Retentor	Sealing		D-12545	M21
	D2B24/2	Bucha de biela	Connecting rod bushing		FACFA 21	M164
	Z2B24	Mancal de biela	Connecting rod bearing	1002	FCBA 27F	M96
		Mancal de biela	Connecting rod bearing	31471917	HCBA 53F	M162
		Bucha de biela	Connecting rod bushing	1003	TCFA 86	M3
		Mancal radial	Radial bearing	1001	TCFA 84F	M96
	Z2B27	Mancal de biela	Connecting rod bearing	KC-16774-2	FCBA 28F	M96
		Bucha de biela	Connecting rod bushing	KC-16774-4	TCFA 88	M3
		Mancal axial	Thrust bearing	KC-16790	TCFA 87F	M96
	05MH6C	Sapata axial	Thrust shoe bearing		AEEK 95	M15
		Sapata axial	Thrust shoe bearing		AEEK 96	M15
		Sapata radial	Radial shoe bearing		D-11925	M205
		Sapata radial	Radial shoe bearing		D-11926	M205

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
DEMAG	06MH6A,	Sapata axial	Thrust shoe bearing	00303515	SAA 16	M205
	06MV6A,	Sapata axial	Thrust shoe bearing		SAA 17	M205
	06MV7A	Mancal radial	Radial bearing		MACFA 18F	M15
		Mancal radial	Radial bearing		MRA 02	M15
		Sapata radial	Radial shoe bearing	043190-15	SRA 09	M205
		Sapata radial	Radial shoe bearing		SRA 10	M205
		Sapata axial	Thrust shoe bearing		BEEK 69	M35
		Sapata axial	Thrust shoe bearing		BEEK 70	M35
		Sapata radial	Radial shoe bearing		D-12706	M35
		Sapata radial	Radial shoe bearing		D-13066	M205
		Sapata radial	Radial shoe bearing		D-13109	M205
	06MV6A,	Inserto de pistão de				
	06MH7A	balanceamento	Piston carrier insert	10876915	D-13004	M263
	06MV6A,	Labirinto	Labyrinth	10879215	D-12696	M15
	06MH7A,	Anel de selagem	Sealing ring	11750815	D-12952	M262
	06MV7A	Anel interno flutuante	Internal floating ring	11750715	D-12955	M262
		Labirinto	Labyrinth	10879415	D-13001	M263
		Labirinto	Labyrinth	10879515	D-13002	M263
		Labirinto	Labyrinth	10879115	D-13003	M263
		Labirinto	Labyrinth	10876015	D-13005	M263
	06MH6C	Sapata axial	Thrust shoe bearing		EEK 69	M205
		Sapata axial	Thrust shoe bearing		AEEK 12	M146
		Sapata radial	Radial shoe bearing		D-11312	M205
		Sapata radial	Radial shoe bearing		D-10654	M205
		Labirinto	Labyrinth		D-12619	M15
	06MH7A,	Sapata axial	Thrust shoe bearing	00305115	BEEK 65	M35
	08MH7A	Sapata axial	Thrust shoe bearing		BEEK 66	M35
		Sapata radial	Radial shoe bearing	043192-15	D-12694	M35
		Sapata radial	Radial shoe bearing		D-12695	M35
		Sapata radial	Radial shoe bearing		D-12947	M205
		Retentor	Sealing		D-12948	M184
		Mancal radial	Radial bearing		NACFA 81F	M205
		Mancal radial e axial	Axial and radial bearing	23211632	PACFA 66F	M205
		Mancal radial e axial	Axial and radial bearing	23111300	PACFA 67F	M205
		Sapata axial	Thrust shoe bearing		CEEK 15	M205
		Retentor	Sealing	003804-15	D-12949	M263
	06MH7C,	Mancal axial oscilante	Tilting pad thrust bearing		D-10657	M205
	06MH6C,	Mancal axial oscilante	Tilting pad thrust bearing		D-10658	M205
	12MH6C	Sapata axial	Thrust shoe bearing		AEEK 91	M205
		Sapata axial	Thrust shoe bearing		BEEK 21	M205
		Sapata axial	Thrust shoe bearing		BEEK 22	M205
		Sapata radial	Radial shoe bearing		D-11916	M205
		Sapata radial	Radial shoe bearing		D-11917	M205
		Sapata axial	Thrust shoe bearing		BEEK 24	M15
		Sapata axial	Thrust shoe bearing		BEEK 25	M15
		Labirinto	Labyrinth		D-12559	M21
	08MH7A	Retentor	Sealing		D-12877	M184
		Anel de selagem	Sealing ring	11732315	D-12951	M262
		Anel de selagem	Sealing ring	11733415	D-12954	M262
	10MH6C	Sapata axial	Thrust shoe bearing		AEEK 83	M15
		Sapata axial	Thrust shoe bearing		AEEK 84	M15
	12MH6C	Sapata radial	Radial shoe bearing		D-11309	M205
		Sapata radial	Radial shoe bearing		D-10835	M205

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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COMPRESSOR - COMPRESSOR

DEMAG	12MH6C	Retentor	Sealing		D-12544	M21
	14B2	Mancal de biela	Connecting rod bearing	01124417	HCBA 99F	M163
		Bucha de cruzeta	Crosshead bushing	01124517	JACFA 50	M165
		Mancal axial	Thrust bearing	01126217	JACFA 51F	M163
		Mancal axial	Thrust bearing	01126317	JACFA 52F	M63
	14B-65KN	Mancal de biela	Connecting rod bearing	00610817	GCBA 97	M162
		Bucha de cruzeta	Crosshead bushing	00610917	DACFA 25	M165
	16B2-G2/6-34	Mancal de biela	Connecting rod bearing		FCBA 04	M51
		Bucha de biela	Connecting rod bushing		BCFA 19	M3
		Mancal axial	Thrust bearing		RCFA 41F	M51
		Mancal axial	Thrust bearing		RCFA 42F	M51
	23B-160KN	Mancal de biela	Connecting rod bearing	00794617	GCBA 98F	M163
		Bucha de cruzeta	Crosshead bushing	00794717	DACFA 29	M165
		Mancal axial	Thrust bearing	00794417	DACFA 30F	M163
		Mancal radial	Radial bearing	00794517	DACFA 31	M163
	24B-110KN	Mancal de biela	Connecting rod bearing	00016317	GCBA 86F	M162
		Bucha de cruzeta	Crosshead bushing	00016217	DACFA 32F	M164
		Bucha de cruzeta	Crosshead bushing	00440817	CACFA 80	M166
		Mancal radial	Radial bearing	00281917	CACFA 78	M162
		Mancal axial	Thrust bearing	00281817	CACFA 79F	M162
	27B-220KN	Mancal de biela	Connecting rod bearing	00434617	GCBA 99F	M163
		Mancal de biela	Connecting rod bearing	00017017	HCBA 01F	M162
		Bucha de cruzeta	Crosshead bushing	30432917	DACFA 17F	M165
		Bucha de cruzeta	Crosshead bushing	00017117	DACFA 35F	M166
		Mancal axial	Thrust bearing	00019817	DACFA 33F	M163
		Mancal axial	Thrust bearing	00434517	DACFA 34F	M163
	30B-220KN	Mancal de biela	Connecting rod bearing	00750217	HCBA 02	M162
		Bucha de cruzeta	Crosshead bushing	00750317	DACFA 36F	M165
		Mancal axial	Thrust bearing	00750017	DACFA 37F	M162
		Mancal radial	Radial bearing	00750117	DACFA 38	M162
		Mancal de Biela	Connecting rod bearing	30847617	ICBA 29	M163
	41B4-T2/18	Mancal de biela	Connecting rod bearing	00243517	HCBA 03	M162
		Mancal radial	Radial bearing	00386817.10	DACFA 43	M162
		Mancal radial	Radial bearing	00386817.08	DACFA 44	M162
		Mancal radial	Radial bearing	00386817.09	DACFA 45F	M162
	32LI-GI/30	Mancal axial	Thrust bearing	KC-24701	DCFA 92F	M15
		Mancal radial	Radial bearing		DACFA 85	M15
	140/160	Bucha de cruzeta	Crosshead bushing	61766300	DACFA 26	M165
		Mancal axial	Thrust bearing	61766000	DACFA 27F	M163
		Mancal axial	Thrust bearing	61766100	DACFA 28F	M163
	140/180	Mancal de biela	Connecting rod bearing	61766200	GCBA 96	M163
	180/220 , 18 B2	Bucha de cruzeta	Crosshead bushing	00462617	DACFA 39	M164
		Mancal radial	Radial bearing	81063322	DACFA 40	M162
		Mancal axial	Thrust bearing	81063422	DACFA 41F	M162
		Mancal de biela	Connecting rod bearing	00462517/81055822	ICBA 36F	M162
	B27	Mancal de biela	Connecting rod bearing		ICBA 64F	M15
	Nihil	Sapata axial	Thrust shoe bearing	3.026.11LD-4	CEEK 16	M208
		Sapata axial	Thrust shoe bearing	3.026.13LD-2	CEEK 17	M208

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
DEMAG	Nihil	Sapata axial	Thrust shoe bearing	3.026.11RD-4	CEEK 18	M208
		Sapata axial	Thrust shoe bearing	3.026.13RD-2	CEEK 19	M208
		Sapata axial	Thrust shoe bearing	3.034.11R-3	CEEK 20	M208
		Sapata axial	Thrust shoe bearing	3.034.12R-3	CEEK 21	M208
		Sapata axial	Thrust shoe bearing	3.034.11L-3	CEEK 22	M208
		Sapata axial	Thrust shoe bearing	3.034.12L-2	CEEK 23	M208
		Sapata axial	Thrust shoe bearing	3.040.14R-3	CEEK 24	M208
		Sapata axial	Thrust shoe bearing	3.040.17R-3	CEEK 25	M208
		Sapata axial	Thrust shoe bearing	3.040.14L-3	CEEK 26	M208
		Sapata axial	Thrust shoe bearing	3.040.17L-3	CEEK 27	M208
	Nihil	Sapata axial	Thrust shoe bearing	28252715	D-13139	M208
		Sapata axial	Thrust shoe bearing	28252815	D-13140	M208
DRESSER	2508B6, 2608B6 452 B4/5	Retentor	Sealing	622-922-201	D-12742	M258
		Sapata radial	Radial shoe bearing		D-12981	M208
		Sapata radial	Radial shoe bearing		D-12982	M208
		Sapata radial	Radial shoe bearing		D-12983	M208
	OFSH/VIP	Mancal de biela	Connecting rod bearing	OSS06.10/04	ICBA 87	M2
EBARA	17DJ84	Mancal axial	Thrust bearing		JACFA 57F	M11
		Mancal radial	Radial bearing		JACFA 58	M11
EHRARD SEHMER	H40C	Gaxeta 60°	60° Packing		D-11344	M81
		Gaxeta 70°	70° Packing		D-11351	M184
		Gaxeta 75°	75° Packing		D-11358	M184
		Gaxeta 80°	80° Packing		D-11365	M184
		Anel de engaxetamento	Packing ring		D-11347	M81
		Anel de engaxetamento	Packing ring		D-11354	M184
		Anel de engaxetamento	Packing ring		D-11361	M184
		Anel de engaxetamento	Packing ring		D-11368	M184
	Nihil	Mancal de biela	Connecting rod bearing	C107561-150311504	CCBA 98F	M19
		Mancal radial	Radial bearing	C107686	JCFA 78F	M19
ELLIOTT	2EPG	Labirinto	Labyrinth	876900-81	D-11197	M21
		Labirinto	Labyrinth	672348-7	D-11198	M21
	29M	Retentor	Sealing	825147-6	D-09461	M199
		Retentor	Sealing	825147-29	D-09462	M199
	29M6	Mancal radial	Radial bearing	915915-15	MR 05	M15
		Sapata radial	Radial shoe bearing	922023-15	SRA 22	M15
		Sapata radial	Radial shoe bearing	951951-11	SRA 23	M15
	29M6, 25MB4-4	Selo do eixo	Shaft sealing	3938.1650.80 / 966851-3	D-13029	M171
		Selo do eixo	Shaft sealing	3938.1651.80 / 966851-6	D-13030	M171
		Selo do eixo	Shaft sealing	3938.1644.80 / 966256-6	D-13031	M171
		Selo do eixo	Shaft sealing	3938.1649.80 / 966256-9	D-13032	M171
		Selo do eixo	Shaft sealing	3938.1643.80 / 966256-3	D-13033	M171
		Selo impelidor	Impeller sealing	3724.0108.80 / 879480-3	D-13034	M171
		Mancal axial	Thrust bearing		MA 06	M15
		Mancal axial	Thrust bearing		MA 07	M15
		Placa niveladora	Leveling plate		PNS 03	M272
		Placa niveladora	Leveling plate		PNI 03	M272

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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COMPRESSOR - COMPRESSOR

ELLIOTT	29M6, 25MB4-4	Sapata axial	Thrust shoe bearing		SAA 15	M15
		Selo impelidor	Impeller sealing	3774.0109.80 / 879829-3	D-13035	M171
		Selo impelidor	Impeller sealing	3774.0107.80 / 879479-3	D-13036	M171
		Selo impelidor	Impeller sealing	3724.0104.80 / 966254-6	D-13037	M171
		Selo impelidor	Impeller sealing	3724.0103.80 / 966245-3	D-13038	M171
		Selo impelidor	Impeller sealing	3724.0102.80 / 879478-3	D-13039	M171
		Selo impelidor	Impeller sealing	3724.0101.80 / 879477-3	D-13040	M171
		Selo impelidor	Impeller sealing	3724.0100.80 / 879476-3	D-13041	M171
		Labirinto	Labyrinth	3938.1633.00 / 960101-4	D-13042	M171
		Labirinto	Labyrinth	3938.1641.00 / 960049-3	D-13043	M171
		Anel de selagem	Sealing ring	9905.0309.00 / 911932-4	D-13044	M171
		Selo	Sealing	3938.1639.00 / 862805-2	D-13045	M171
		Selo	Sealing	3938.1640.00 / 862806-2	D-13046	M171
		Anel de selagem	Sealing ring	3935.1064.01 / 837771-1	D-13047	M30
		Selo	Sealing	3935.1133.00 / 876803-3	D-13048	M208
		Selo lateral	Lateral sealing	3935.1134.00 / 879978-3	D-13049	M208
		Selo lado da turbina	Sealing, turbine side	3935.1135.00 / 924845-4	D-13050	M208
		Selo do mancal axial	Thrust bearing sealing	3935.1136.00 / 924842-4	D-13051	M208
		Mancal axial	Thrust bearing	3900.1562.00/854650-19	QACFA 28	M254
		Sapata radial	Radial shoe bearing	3900.1394.00	D-13068	M15
		Sapata radial	Radial shoe bearing	3900.1568.00	D-13069	M15
		Selo completo	Sealing set	2227.1402.00	D-13082	M15
		Labirinto	Labyrinth	862224-1	D-13126	M263
		Selo	Sealing	862545-1	D-13127	M171
		Selo	Sealing	862614-1	D-13128	M171
		Selo impelidor	Impeller sealing	3774.0106.80	D-13190	M171
		Selo do pistão de balanceamento	Piston carrier sealing	3938.1610.00/869447-209	D-13191	M199
		Anel de selagem	Sealing ring	844996-7	D-13192	M40
		Labirinto	Labyrinth	3935.1630.00 / 960097-4	D-13200	M171
		Sapata axial	Thrust shoe bearing		SAA 13	M15
		Sapata axial	Thrust shoe bearing		SAA 14	M15
		Mancal radial	Radial bearing	3900.1569.00/951951-15	PACFA 49F	M15
		Mancal axial	Thrust bearing	3900.1564.00/854651-19	PACFA 51	M254
		Sapata axial	Thrust shoe bearing		CEEK 10	M254
		Sapata axial	Thrust shoe bearing	3900.1565.00	CEEK 11	M254
		Mancal axial	Thrust bearing	3900.1567.00/854372-19	PACFA 56	M254
		Mancal axial	Thrust bearing	3900.1566.00/854373-19	PACFA 57	M254
		Sapata axial	Thrust shoe bearing		CEEK 12	M254
		Sapata axial	Thrust shoe bearing	854372-33	CEEK 13	M254
		Sapata axial	Thrust shoe bearing	854373-33	CEEK 14	M254
		Sapata axial	Thrust shoe bearing		CEEK 29	M254
	29M6-5	Mancal radial	Radial bearing		MR 03	M15
		Sapata radial	Radial shoe bearing		SRA 20	M15
		Sapata radial	Radial shoe bearing		SRA 21	M15
	29M7, 29M9	Retentor	Sealing	18H471-1683	D-09358	M15
	29M, 29M8	Retentor	Sealing	818120-7	D-12616	M21
	29M8	Mancal axial oscilante	Tilting pad thrust bearing	853826-19	D-11614	M15
		Mancal axial oscilante	Tilting pad thrust bearing	853827-19	D-11615	M15
		Sapata axial	Thrust shoe bearing	B208250-5	AEEK 89	M15
		Sapata axial	Thrust shoe bearing		AEEK 90	M15
		Labirinto	Labyrinth		D-11378	M21
		Labirinto	Labyrinth	879708-71	D-12597	M21

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COMPRESSOR - COMPRESSOR						
ELLIOTT	29M8	Labirinto	Labyrinth	966625-156	D-12598	M21
		Labirinto	Labyrinth	967841-41	D-12599	M21
		Labirinto	Labyrinth		D-12600	M21
		Labirinto	Labyrinth	880401-3	D-12601	M21
		Labirinto	Labyrinth	922169-4	D-12602	M21
		Labirinto	Labyrinth	969471-8	D-12603	M21
		Labirinto	Labyrinth	967562-4	D-12604	M21
		Retentor	Sealing	875719-3	D-12609	M15
		Retentor	Sealing	877853-5	D-12721	M11
		Retentor	Sealing	877487-5	D-12623	M11
		Labirinto	Labyrinth	920161-4	D-12618	M21
		Labirinto	Labyrinth	969428-13	D-12716	M21
	29M8, 38M91	Mancal radial	Radial bearing	826682-1/2847032	LCFA 82	M15
		Mancal radial	Radial bearing	829386-3	D-09033	M15
		Sapata axial	Thrust shoe bearing	638680-4	EEK 13	M11
		Sapata radial	Radial shoe bearing		D-09035	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-09078	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11409	M15
	29M81	Sapata radial	Radial shoe bearing	837784-6	D-11502	M15
		Sapata radial	Radial shoe bearing		D-11503	M15
		Mancal radial	Radial bearing	887188-4	D-12572	M15
	38M, 38M91	Retentor	Sealing	817970-7	D-12617	M21
	38M5	Sapata axial	Thrust shoe bearing	671738-5	AEEK 22	M15
		Sapata axial	Thrust shoe bearing		AEEK 23	M15
		Sapata axial	Thrust shoe bearing	671738-6	AEEK 24	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11114	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11119	M15
		Sapata radial	Radial shoe bearing	837783-6	D-11124	M15
		Sapata radial	Radial shoe bearing	851213-26	D-11125	M15
	38M6	Mancal radial	Radial bearing		UCFA 52	M15
	38M7-I	Retentor	Sealing		D-11177	M15
		Sapata radial	Radial shoe bearing		D-11174	M15
		Sapata radial	Radial shoe bearing		D-11175	M15
		Labirinto	Labyrinth		D-12573	M250
		Labirinto	Labyrinth		D-13373	M21
	38M7-61	Mancal radial	Radial bearing	863586/4/9	CACFA 36	M15
	38M81	Sapata radial	Radial shoe bearing	680595-6	D-11136	M15
		Sapata radial	Radial shoe bearing	861213-15	D-11137	M15
		Sapata axial	Thrust shoe bearing	852071-9	AEEK 25	M15
		Sapata axial	Thrust shoe bearing	6A33313	AEEK 26	M15
		Sapata axial	Thrust shoe bearing	852072-9	AEEK 27	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11126	M15
		Mancal radial oscilante	Tilting pad radial bearing	851213-16	D-11121	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11131	M15
	70P	Mancal radial	Radial bearing	863586-4/10	ZCFA 36	M15
		Mancal radial	Radial bearing	603365-26/57	ZCFA 37	M15
	80P	Mancal radial	Radial bearing	832716-1	DACFA 54	M15
	88MS	Mancal radial	Radial bearing		QCFA 17	M15
	150T25, PAP2500	Mancal axial	Thrust bearing	803707-1	D-10395	M28
		Mancal radial	Radial bearing	803335-3	D-10396	M28

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COMPRESSOR - COMPRESSOR						
ELLIOTT	150T25, PAP2500	Mancal axial	<i>Thrust bearing</i>	803708-1	D-10397	M28
		Mancal radial	<i>Radial bearing</i>	817336-3	D-10398	M28
		Mancal axial	<i>Thrust bearing</i>	803709-1	D-10399	M28
		Mancal radial	<i>Radial bearing</i>	817337-3	D-10400	M28
		Mancal radial da engrenagem	<i>Gear radial bearing</i>	827349	EACFA 90F	M15
	Nihil	Labirinto	<i>Labyrinth</i>	862614	D-12511	M171
GARDNER DENVER	ADF9017	Mancal de biela	<i>Connecting rod bearing</i>		HCBA 12	M2
	WBG, WBH, WBO, WCG	Mancal de biela	<i>Connecting rod bearing</i>	2x1122	HCBA 24	M15
	WCQ 6x6x5	Mancal de biela	<i>Connecting rod bearing</i>	12M31	FCBA 31	M15
GHH	GUN 8/5L	Mancal radial	<i>Radial bearing</i>	403306	BACFA 11	M19
		Mancal radial	<i>Radial bearing</i>		BACFA 12	M19
		Sapata axial	<i>Thrust shoe bearing</i>		EEK 97	M19
		Mancal axial oscilante	<i>Tilting pad thrust bearing</i>		D-10932	M19
GHH	8/2	Labirinto	<i>Labyrinth</i>		D-11919	M230
	6715	Mancal radial	<i>Radial bearing</i>		BACFA 13	M19
		Mancal radial	<i>Radial bearing</i>		BACFA 14	M19
GHH BORSIG		Mancal axial	<i>Thrust bearing</i>		MA 11	M208
		Sapata axial	<i>Thrust shoe bearing</i>		SAA 16	M208
		Sapata axial	<i>Thrust shoe bearing</i>		SAA 27	M208
		Sapata axial	<i>Thrust shoe bearing</i>		SAA 28	M208
		Mancal radial	<i>Radial bearing</i>		MR 04	M208
		Sapata radial	<i>Radial shoe bearing</i>		SRA 18	M208
		Sapata radial	<i>Radial shoe bearing</i>		SRA 19	M208
HITACHI	BCL307, BCL357	Sapata radial	<i>Radial shoe bearing</i>		D-10985	M17
		Mancal radial	<i>Radial bearing</i>		D-10983	M17
	C-01-01/51	Gaxeta	<i>Packing</i>	33236	D-10319	M63
		Gaxeta	<i>Packing</i>	33240	D-10320	M63
	F10	Mancal de biela	<i>Connecting rod bearing</i>		HCBA 33	M163
	IDHB-GH-DH-112	Mancal axial	<i>Thrust bearing</i>		JACFA 62F	M35
		Mancal axial	<i>Thrust bearing</i>		JACFA 63F	M35
	PCL 451	Labirinto	<i>Labyrinth</i>	50501	D-12071	M53
		Labirinto	<i>Labyrinth</i>	51901	D-12208	M153
		Labirinto	<i>Labyrinth</i>	51903	D-12209	M153
		Labirinto	<i>Labyrinth</i>	50101	D-12210	M153
		Labirinto	<i>Labyrinth</i>	50503	D-12211	M153
	4001S6, 5001S8, 6000S8	Mancal axial	<i>Thrust bearing</i>		SACFA 75	M15
		Mancal axial	<i>Thrust bearing</i>		SACFA 76F	M15
		Mancal axial	<i>Thrust bearing</i>		SACFA 77F	M15
	AS 43793, 4001S6, 5001S8, 6000S8	Mancal de biela	<i>Connecting rod bearing</i>		ICBA 45	M2

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
HITACHI	5001S8	Mancal de biela	Connecting rod bearing		HCBA 16	M35
		Mancal de biela	Connecting rod bearing		ACB 36F	M80
	5001S8, 6000S8	Mancal de biela	Connecting rod bearing		ICBA 46	M35
	10 WTF	Mancal de biela	Connecting rod bearing		GCBA 41	M35
	YDT	Mancal de biela	Connecting rod bearing		GCBA 03	M35
	VN	Mancal de biela	Connecting rod bearing		ICBA 30	M35
	Nihil	Mancal axial	Thrust bearing	572250	LACFA 60F	M17
		Mancal axial	Thrust bearing	572275	LACFA 61F	M17
HOLDMAN	64TH365	Mancal de biela	Connecting rod bearing		ACB 84F	M120
		Mancal radial	Radial bearing		HCF 97F	M120
HOOS	F4	Mancal de biela	Connecting rod bearing		ECBA 91	M8
		Mancal de biela	Connecting rod bearing	200-40	HCBA 93	M15
	F9E	Mancal de biela	Connecting rod bearing		ECBA 92	M8
		Mancal de biela	Connecting rod bearing	250-16	HCBA 94	M15
HOWDEN	MRV 163/1.8	Mancal radial	Radial bearing	R 16083/2	BACFA 24F	M15
		Mancal radial	Radial bearing	R 16063	BACFA 26F	M15
	204	Mancal radial	Radial bearing		SACFA 25F	M15
		Mancal radial	Radial bearing		SACFA 26F	M15
	WRV204, WRV204/1.10, WRV204/1.65	Mancal radial	Radial bearing		BACFA 56	M15
		Mancal radial	Radial bearing		BACFA 57	M15
		Mancal radial	Radial bearing		BACFA 58	M15
		Mancal radial	Radial bearing		EACFA 82	M15
		Mancal radial	Radial bearing		EACFA 83	M15
		Mancal radial	Radial bearing		EACFA 84	M15
	WRV 255	Mancal radial	Radial bearing		SACFA 27F	M15
		Mancal radial	Radial bearing		SACFA 28F	M15
INGERSOLL RAND	CVM-4FIC	Mancal radial	Radial bearing	TM315819A	NCFA 76	M15
		Mancal axial	Thrust bearing	TM315830A	RCFA 33F	M15
		Mancal radial	Radial bearing	R-30776	CACFA 03	M15
		Mancal radial	Radial bearing	R-30777	CACFA 04	M15
		Mancal radial	Radial bearing	315819	LACFA 02	M15
		Sapata axial	Thrust shoe bearing	X-85-913-879	BEEK 36	M15
		Sapata axial	Thrust shoe bearing	X-04-076-201	BEEK 37	M15
		Sapata axial	Thrust shoe bearing		EEK 72	M15
		Sapata axial	Thrust shoe bearing	W59749A	AEEK 02	M15
		Sapata axial	Thrust shoe bearing	W59749B	AEEK 03	M15
		Mancal axial oscilante	Tilting pad thrust bearing	295606-G	D-12013	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11323	M15
		Labirinto	Labyrinth	7551-BP-01001	D-12036	M21
		Labirinto	Labyrinth	319618-A	D-12037	M21
		Labirinto	Labyrinth	01895-D6A	D-12086	M21
	Série 1009	Sapata axial	Thrust shoe bearing		EEK 04	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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COMPRESSOR - COMPRESSOR

INGERSOLL RAND	E 522	Labirinto	<i>Labyrinth</i>	32573 ^a	D-11424	M21
	ESH	Mancal radial	<i>Radial bearing</i>		ICF 33F	M21
	5" ESH	Mancal de biela	<i>Connecting rod bearing</i>	5704-C1	CB 26	M21
		Mancal radial	<i>Radial bearing</i>	5834-C1	HCF 48F	M21
	7" ESH	Mancal de biela	<i>Connecting rod bearing</i>	5833-C1	ACB 79	M21
		Mancal radial	<i>Radial bearing</i>	5832-C1	HCF 46	M39
		Mancal radial	<i>Radial bearing</i>	5835-C1	HCF 47F	M21
	9" ESH	Mancal de biela	<i>Connecting rod bearing</i>	5475-C1	ACB 51	M21
		Mancal radial	<i>Radial bearing</i>	5474-C1	ECF 96F	M21
		Bucha de cruzeta	<i>Crosshead bushing</i>	5485-C1	GCF 92	M125
		Sapata de cruzeta	<i>Crosshead shoe bearing</i>	7555-D1	D-11653	M131
	11" ESH	Mancal de biela	<i>Connecting rod bearing</i>	5026-C1	ACB 61	M21
		Bucha de cruzeta	<i>Crosshead bushing</i>	5027-C1	GCF 93	M125
		Sapata de cruzeta	<i>Crosshead shoe bearing</i>	7142-D1	D-11334	M131
	ES-1-X	Mancal radial	<i>Radial bearing</i>		JCF 30F	M21
	H100, 165	Mancal axial oscilante	<i>Tilting pad thrust bearing</i>	H-35437	D-10979	M15
	HHE-VG	Bucha de cruzeta	<i>Crosshead bushing</i>	R-57341	GCF 88	M21
	HHE-HSE	Bucha de cruzeta	<i>Crosshead bushing</i>	R-55315	GCF 81	M25
		Bucha de cruzeta	<i>Crosshead bushing</i>	R-55348	GCF 87	M25
	4HHE2, 6HHE2	Mancal de biela	<i>Connecting rod bearing</i>		GCBA 31F	M15
		Mancal radial	<i>Radial bearing</i>	R41271T1/T2	ZCFA 24	M15
	10" x 12" HHE	Sapata de cruzeta	<i>Crosshead shoe bearing</i>	H36482	D-12139	M131
	15 1/2" HHE	Mancal de biela	<i>Connecting rod bearing</i>	R-52230	ACB 82	M22
		Mancal radial	<i>Radial bearing</i>	R-40253	CACFA 27	M15
	CENTAC	Mancal radial	<i>Radial bearing</i>	3 x 49	TCFA 63	M15
	OC15 MT3	Mancal axial	<i>Thrust bearing</i>	5 x 152	TCFA 64F	M15
	PHE 5"/ 7"/9"/11", ESH, ESV	Bucha de bomba de óleo	<i>Oil pump bushing</i>	3800-C1/T2	GCF 97	M125
	PHE, 9"/11", ESH,ESV	Bucha de bomba de óleo	<i>Oil pump bushing</i>	3800-C1/T1	GCF 96	M125
		Bucha de bomba de óleo	<i>Oil pump bushing</i>	3800-C1/T3	GCF 98	M125
	5", 7", ESH, ESV	Bucha de bomba de óleo	<i>Oil pump bushing</i>	3800-C1/T4	GCF 99	M125
	PKVGR-PKVSR	Mancal radial	<i>Radial bearing</i>	R-42204 ^a	GCF 89	M22
	PRE	Sapata de cruzeta	<i>Crosshead shoe bearing</i>		D-11413	M18
	RDH	Bucha de biela	<i>Connecting rod bushing</i>	W-77653-P1	HCF 51	M21
		Bucha de cruzeta	<i>Crosshead bushing</i>	W-77654-P1	HCF 52	M21
		Mancal radial	<i>Radial bearing</i>	R-16689-DP2	GCF 91	M21
		Mancal de biela	<i>Connecting rod bearing</i>	R-48391	ACB 76	M21
	SVG	Mancal de biela	<i>Connecting rod bearing</i>	H-9375/76	ACB 68F	M157
		Bucha de biela	<i>Connecting rod bushing</i>	W-36669	HCF 42F	M125
	12TVR	Mancal de biela	<i>Connecting rod bearing</i>	R30622-P1	ACB 62F	M22
		Mancal de biela	<i>Connecting rod bearing</i>	R30623-P1	ACB 63F	M22
		Bucha de biela	<i>Connecting rod bushing</i>	1W-55103	UCFA 61	M3
		Bucha de biela	<i>Connecting rod bushing</i>	1W-54665	UCFA 63	M3
		Mancal radial do levantador	<i>Rocker arm bearing</i>	1W-51223-A	UCFA 59	M3
		Bucha de cruzeta	<i>Crosshead bushing</i>	1W-54576-P2	UCFA 62	M3
		Mancal radial eixo comandc	<i>Camshaft radial bearing</i>	R-15984	UCFA 64	M15
	12TVR, 12TVS	Mancal radial	<i>Radial bearing</i>	1R76378	KCF 19	M22

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
INGERSOLL RAND	T40 75H	Mancal de biela	Connecting rod bearing	R-13030	FCBA 61	M15
	TVS	Bucha de biela	Connecting rod bushing	W-54665	HCF 44	M30
		Bucha de cruzeta	Crosshead bushing	W-54576-P2	HCF 39	M30
	XHH	Bucha de biela	Connecting rod bushing	W-25450	GCF 08	M125
		Bucha de cruzeta	Crosshead bushing	W-25451	GCF 09	M125
	XLE	Mancal de biela	Connecting rod bearing	R-16428	ACB 03	M21
		Mancal de biela	Connecting rod bearing	1R-18188	ACB 89	M21
		Bucha de biela	Connecting rod bushing	W-45460	DCF 18	M125
		Mancal radial	Radial bearing	R-16430	DCF 17F	M21
		Mancal radial	Radial bearing	1R-18194	ICF 25F	M21
		Mancal radial	Radial bearing		JCF 13F	M21
		Sapata de cruzeta	Crosshead shoe bearing	F-10273	D-05618	M15
	XLE 8 ½	Mancal de biela	Connecting rod bearing		BCB 1	M21
		Mancal radial	Radial bearing		JCF 39F	M21
	XVG	Bucha de bomba de óleo	Oil pump bushing	W-31371	GCF 94	M39
	XVGS	Bucha de biela	Connecting rod bushing	W-25361	HCF 41	M125
		Bucha de biela	Connecting rod bushing	W-25449	HCF 43F	M125
ISHIBRAS ISHIKAWAGIMA	WMC	Mancal de biela	Connecting rod bearing	CC310505	ECBA 94	M15
		Bucha de biela	Connecting rod bushing	CC310506	RCFA 08	M3
	WN112	Mancal de biela	Connecting rod bearing		CCBA 92	M2
		Bucha de biela	Connecting rod bushing		IACFA 23	M3
		Mancal de biela	Connecting rod bearing		ICBA 11	M145
	750 KW	Mancal radial	Radial bearing		NACFA 39	M15
		Mancal radial	Radial bearing		NACFA 46	M15
		Sapata axial	Thrust shoe bearing		BEEK 91	M208
		Anel de encosto	Thrust washer		CAEB 15	M15
KKK	SFL 9A	Mancal radial	Radial bearing		DACFA 23F	M19
		Mancal axial	Thrust bearing		DACFA 24F	M19
	SL 82	Mancal radial	Radial bearing		HACFA 03F	M110
		Mancal axial	Thrust bearing		HACFA 04F	M110
KOBE/KOBE ALLIS/ KOBE STEEL	3B-101	Mancal axial	Thrust bearing	2-002441	TCFA 24F	M35
	FM2	Mancal axial	Thrust bearing	FV-7-Q	JACFA 67F	M6
		Mancal de biela	Connecting rod bearing	FV-4-1PP	CBA 37	M6
	FM4	Mancal radial	Radial bearing	FV-7-N	CFA 57	M6
		Mancal radial	Radial bearing		AACFA 81F	M139
	SRM-KS50L	Mancal axial	Thrust bearing		AACFA 82F	M139
		Mancal axial	Thrust bearing		AACFA 83F	M139
		Arruela de encosto	Thrust washer		BAEB 07	M63
		Mancal de biela	Connecting rod bearing		ECBA 82F	M35
	3V-33T	Mancal de biela	Connecting rod bearing		D-11902	M86
	VGP 240	Labirinto	Labyrinth		PACFA 52	M35
	KS 20SAZ	Mancal radial	Radial bearing		PACFA 53	M35
		Mancal radial	Radial bearing			

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
COMPRESSOR - COMPRESSOR						
LINDE	2LB-560-6G	Gaxeta 60°	60° Packing		D-12212	M81
		Gaxeta 70°	70° Packing		D-12213	M81
		Gaxeta 60°	60° Packing		D-12214	M81
		Gaxeta 70°	70° Packing		D-12215	M81
		Gaxeta 80°	80° Packing		D-12216	M30
	2LB-560-6G	Anel de vedação	Packing ring		D-12217	M81
		Anel de vedação	Packing ring		D-12218	M81
	4SH250-3L	Mancal de biela	Connecting rod bearing		GCBA 92	M19
LOIRE	2A42M	Mancal de biela	Connecting rod bearing		D-11256	M19
		Mancal radial	Radial bearing		DACFA 90	M19
		Mancal radial	Radial bearing		DACFA 91	M19
LUCHARD	36HBE	Mancal de biela	Connecting rod bearing		HCBA 38	M2
		Mancal radial	Radial bearing		IACFA 22F	M2
MADEF	C-11x8	Mancal de biela	Connecting rod bearing		HCBA 41	M15
		Mancal axial	Thrust bearing		FACFA 87F	M15
		Mancal axial	Thrust bearing		FACFA 88F	M15
	C-16x11	Mancal de biela	Connecting rod bearing		HCBA 42	M15
		Mancal axial	Thrust bearing		NACFA 78F	M15
		Mancal radial	Radial bearing		FACFA 89F	M15
		Mancal axial	Thrust bearing		FACFA 90F	M15
MAN BORSIG	RV 042/6	Sapata axial	Thrust shoe bearing	91727	SAA 49	M254
	RV 042/8	Sapata axial	Thrust shoe bearing	65002	SAA 50	M254
		Sapata axial	Thrust shoe bearing	91728	SAA 51	M254
		Sapata axial	Thrust shoe bearing	95001	SAA 52	M254
		Sapata axial	Thrust shoe bearing	91729	SAA 53	M254
		Sapata axial	Thrust shoe bearing	95009	SAA 54	M254
		Sapata axial	Thrust shoe bearing	91730	SAA 55	M254
		Sapata axial	Thrust shoe bearing	95008	SAA 56	M254
		Sapata radial	Radial shoe bearing	91694	SRA 29	M208
		Sapata radial	Radial shoe bearing	91693	SRA 30	M208
MIKUNI-JUKOGIO	PT-2-307H	Mancal de biela	Connecting rod bearing		HCBA 55F	M17
		Mancal axial	Thrust bearing		JACFA 72F	M17
		Mancal axial	Thrust bearing		GACFA 17F	M17
		Bucha de cruzeta	Crosshead bushing		GACFA 18F	M17
	Nihil	Mancal de biela	Connecting rod bearing		GCBA 16F	M17
MITSUBISHI	2-6-2087F	Labirinto	Labyrinth	422.761.201	D-11387	M21
		Labirinto	Labyrinth	F442.759.001	D-11388	M21
		Labirinto	Labyrinth	F442.662.202	D-11644	M21
		Labirinto	Labyrinth	F442.524.003	D-11645	M21
		Labirinto	Labyrinth	F442.524.004	D-11646	M21
		Difusor	Diffuser sealing	F442.524.002	D-11389	M21
		Difusor	Diffuser sealing	F442.524.001	D-11390	M21
		Difusor	Diffuser sealing	F442.523.001	D-11643	M21
	4-4-2086	Mancal axial oscilante	Tilting pad thrust bearing		D-11885	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
MITSUBISHI	4-4-2086	Mancal axial oscilante	<i>Tilting pad thrust bearing</i>		D-11889	M15
		Sapata axial	<i>Thrust shoe bearing</i>	F421.773.001	BEEK 18	M15
		Sapata axial	<i>Thrust shoe bearing</i>	F421.767.001	BEEK 19	M15
		Labirinto	<i>Labyrinth</i>	F421.812.001	D-11675	M21
		Labirinto	<i>Labyrinth</i>	F421.811.001	D-11676	M21
MITSUI	HS 28/4	Mancal radial	<i>Radial bearing</i>		MR 06	M208
		Sapata radial	<i>Radial shoe bearing</i>		SRA 28	M208
MYCOM	A	Mancal de biela	<i>Connecting rod bearing</i>	AP83/U/L	GCBA 83	M15
		Bucha de biela	<i>Connecting rod bushing</i>	AP83FA	CACFA 62	M3
		Bucha de biela	<i>Connecting rod bushing</i>	CA42476B	HACFA 12	M3
		Mancal radial	<i>Radial bearing</i>		JCF 06F	M229
		Mancal axial	<i>Thrust bearing</i>		JCF 07F	M229
		Mancal radial	<i>Radial bearing</i>		JCF 80F	M256
		Mancal axial	<i>Thrust bearing</i>		JCF 81F	M256
	B	Mancal de biela	<i>Connecting rod bearing</i>	BP83/U/L	GCBA 69	M15
		Bucha de biela	<i>Connecting rod bushing</i>	BP82FA	CACFA 63	M3
		Bucha de biela	<i>Connecting rod bushing</i>	CB42477B	HACFA 13	M3
		Mancal radial	<i>Radial bearing</i>		JCF 45F	M229
		Mancal axial	<i>Thrust bearing</i>		JCF 46F	M229
		Mancal radial	<i>Radial bearing</i>		JCF 82F	M256
		Mancal axial	<i>Thrust bearing</i>		JCF 83F	M256
	C	Mancal de biela	<i>Connecting rod bearing</i>	C0055	HCBA 57	M15
		Bucha de biela	<i>Connecting rod bushing</i>	C0056	HACFA 14	M3
	125L	Mancal radial	<i>Radial bearing</i>	121-027	IACFA 40	M15
		Mancal radial	<i>Radial bearing</i>	121-028	IACFA 44	M15
	160L/S	Mancal radial	<i>Radial bearing</i>	161-027	HACFA 72F	M15
		Mancal radial	<i>Radial bearing</i>	161-028	HACFA 73F	M15
	160V	Mancal radial	<i>Radial bearing</i>	161-027V	RACFA 79F	M15
		Mancal radial	<i>Radial bearing</i>	161-028V	RACFA 80F	M15
	200L/S	Mancal radial	<i>Radial bearing</i>	201-027	HACFA 34F	M15
		Mancal radial	<i>Radial bearing</i>	201-028	HACFA 35F	M15
	200V	Mancal radial	<i>Radial bearing</i>	201-027V	RACFA 81F	M15
		Mancal radial	<i>Radial bearing</i>	201-028V	RACFA 82F	M15
	250L/S	Mancal radial	<i>Radial bearing</i>	251-027	HACFA 36F	M15
		Mancal radial	<i>Radial bearing</i>	251-028	HACFA 37F	M15
	250V	Mancal radial	<i>Radial bearing</i>	251-027V	RACFA 83F	M15
		Mancal radial	<i>Radial bearing</i>	251-028V	RACFA 84F	M15
	320L	Mancal radial	<i>Radial bearing</i>		SACFA 51F	M15
		Mancal radial	<i>Radial bearing</i>		SACFA 59F	M15
		Mancal radial	<i>Radial bearing</i>		SACFA 60F	M15
	320 SUD/LUD	Mancal radial	<i>Radial bearing</i>	321-027	IACFA 45F	M15
		Mancal radial	<i>Radial bearing</i>	321-028	IACFA 46F	M15
	320 S/M/LUD	Sapata axial	<i>Thrust shoe bearing</i>		SAA 61	M208
		Mancal axial	<i>Thrust bearing</i>		MA 15	M208

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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COMPRESSOR - COMPRESSOR

NIKO SULZER	2D-200-N	Mancal axial	Thrust bearing		MACFA 42F	M15
	2D-220-N2	Bucha guia	Bushing		JACFA 79F	M15
	UD-225-35	Mancal axial	Thrust bearing		FACFA 56F	M8
		Mancal guia	Radial bearing		D-11486	M15
	K-5701	Bucha guia	Bushing		IACFA 21F	M15
		Bucha de pino de cruzeta	Crosshead pin bushing		IACFA 20F	M15
		Cruzeta	Crosshead		D-11932	M175
NUOVO PIGNONE	AO/1	Mancal axial	Thrust bearing		PACFA 77F	M15
		Mancal axial	Thrust bearing	SQP 07091	PACFA 78F	M15
	BCL 207/B	Sapata axial	Thrust shoe bearing	RCQ 3580700	BEEK 78	M15
		Sapata axial	Thrust shoe bearing	RCQ 3580751	BEEK 79	M15
		Sapata axial	Thrust shoe bearing	RCQ 3580752	BEEK 80	M15
	BCL 207, 208	Sapata axial	Thrust shoe bearing		D-12946	M15
	BCL 307	Sapata radial	Radial shoe bearing	55P64879	D-12743	M51
	BCL 307, 307/A	Sapata radial	Radial shoe bearing	SSO 1165967	D-12835	M51
		Sapata radial	Radial shoe bearing	SWP 28383	D-12836	M51
		Sapata radial	Radial shoe bearing	SWP 28366	D-12837	M51
		Mancal radial	Radial bearing		PACFA 35F	M208
	BCL 307/A	Sapata axial	Thrust shoe bearing	RCQ 3609301	BEEK 86	M15
		Sapata axial	Thrust shoe bearing	RCQ 3611732	BEEK 87	M15
		Sapata axial	Thrust shoe bearing	RCQ 3611733	BEEK 88	M15
		Sapata axial	Thrust shoe bearing	RCQ 3609602	CEEK 03	M15
		Sapata axial	Thrust shoe bearing	RCQ 3611762	CEEK 04	M15
		Sapata axial	Thrust shoe bearing	RCQ 3611763	CEEK 05	M15
	BCL 307/A, 358	Sapata radial	Radial shoe bearing	SWP 28384	D-13006	M51
		Sapata axial	Thrust shoe bearing		D-13007	M51
	BCL 307/A, 2BCL 358/N	Sapata radial	Radial shoe bearing		D-12961	M51
		Sapata radial	Radial shoe bearing	SSP 64880	D-12962	M51
		Sapata radial	Radial shoe bearing	SWP 28367	D-12963	M51
	BCL 407/A	Sapata axial	Thrust shoe bearing	RCQ 3581100	SAA 04	M208
		Sapata axial	Thrust shoe bearing	RCQ 3581101	SAA 05	M208
		Sapata axial	Thrust shoe bearing	RCQ 3581102	SAA 06	M208
		Sapata radial	Radial shoe bearing	SSP 64882	SRA 05	M51
		Sapata radial	Radial shoe bearing	SWP 28369	SRA 06	M51
		Sapata radial	Radial shoe bearing	SWP 28386	SRA 07	M51
	2BVTN/3	Mancal de biela	Connecting rod bearing		JCBA 03	M2
	G400-2	Retentor	Sealing		D-12843	M15
		Retentor	Sealing		D-10274	M103
		Retentor	Sealing		D-10275	M103
		Retentor	Sealing		D-11761	M19
		Retentor	Sealing		D-12537	M15
		Retentor	Sealing		D-12538	M19
	2HD	Mancal de biela	Connecting rod bearing		HCBA 89	M70
	2HD1	Retentor	Sealing		D-08140	M181
		Retentor	Sealing		D-08141	M181

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
NUOVO PIGNONE	4HA/4	Mancal de biela	Connecting rod bearing		HCBA 51	M15
		Anel de encosto	Thrust washer		BAEB 63	M30
	2HC/2	Mancal de biela	Connecting rod bearing		FCBA 68	M70
		Bucha de biela	Connecting rod bushing		JACFA 80F	M70
	2HMI	Mancal de biela	Connecting rod bearing		JCBA 02	M15
		Mancal axial	Thrust bearing		SACFA 53F	M15
	MCL354	Retentor	Sealing		D-12220	M134
	MCL454	Mancal radial	Radial bearing	SS.47478.1	CACFA 76F	M15
		Labirinto	Labyrinth	SSS.44203	D-11595	M27
		Labirinto	Labyrinth	SSS.35562	D-11596	M27
		Labirinto	Labyrinth	SSS.44204	D-11597	M27
		Labirinto	Labyrinth	SSS.454	D-11598	M27
		Labirinto	Labyrinth	SSS.44201	D-11599	M27
		Labirinto	Labyrinth		D-12221	M27
	10x23DSV	Sapata axial	Thrust shoe bearing		AEEK 29	M15
	PGT 5	Labirinto	Labyrinth	SMS 23092	D-13121	M263
		Labirinto	Labyrinth	SMS 23095	D-13122	M263
		Anel de selagem de óleo	Oil sealing ring	SMO 1518600	D-13123	M30
		Anel de selagem de óleo	Oil sealing ring	SMO 1251100	D-13124	M30
		Anel de selagem de óleo	Oil sealing ring	SMS 23096	D-13242	M263
ORIGINS	DNL56HG 2T2	Mancal de biela	Connecting rod bearing		ACB 69F	M114
		Mancal de biela	Connecting rod bearing		HCBA 19F	M35
		Bucha de biela	Connecting rod bushing		GCF 16	M30
	DNL912N	Mancal de biela	Connecting rod bearing		ACB 88F	M63
PENNSYLVANIA	HOF18"-10x7	Mancal de biela	Connecting rod bearing		ACB 93F	M28
RATEAU	38-4+4	Mancal radial oscilante	Tilting pad radial bearing	662.01.61	D-11603	M15
		Sapata radial	Radial shoe bearing		D-11604	M15
	66-1+3	Mancal radial oscilante	Tilting pad radial bearing	421280	D-11600	M15
		Sapata radial	Radial shoe bearing		D-11601	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11602	M3
		Sapata axial	Thrust shoe bearing		AEEK 74	M30
	CM-56/36	Sapata axial	Thrust shoe bearing	724-05-23	EEK 19	M30
		Sapata axial	Thrust shoe bearing	724-05-03	EEK 21	M30
		Mancal radial oscilante	Tilting pad radial bearing	662-01-03	D-09039	M15
		Mancal radial oscilante	Tilting pad radial bearing		D-11040	M15
		Sapata radial	Radial shoe bearing	662-01-63	D-09041	M15
		Sapata radial	Radial shoe bearing		D-11042	M15
	CM-100	Sapata axial	Thrust shoe bearing	724-05-06	EEK 17	M30
		Sapata axial	Thrust shoe bearing	616468	EEK 18	M30
		Mancal radial	Radial bearing	309040	ZCFA 38	M15
	CMC-40-5	Sapata axial	Thrust shoe bearing	724-05-2	EEK 16	M30
		Sapata radial	Radial shoe bearing	661-01-30	D-09022	M15
		Mancal radial oscilante	Tilting pad radial bearing	662-01-02	D-09020	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
COMPRESSOR - COMPRESSOR						
RATEAU	CM-L-116/4	Sapata axial	Thrust shoe bearing		EEK 61	M30
		Sapata axial	Thrust shoe bearing		EEK 62	M30
		Mancal axial oscilante	Tilting pad thrust bearing		D-11944	M3
		Mancal axial oscilante	Tilting pad thrust bearing		D-11945	M3
SABROE	CMO-TCMO-65	Mancal axial	Thrust bearing	2132.019-00	BACFA 97F	M15
		Mancal axial	Thrust bearing		QACFA 97F	M15
	D-315	Mancal de biela	Connecting rod bearing		ICBA 34F	M6
	SMC-65	Mancal de biela	Connecting rod bearing	2133.001-00	FCBA 69	M15
		Mancal de biela	Connecting rod bearing		JCBA 69	M15
		Bucha de biela	Connecting rod bushing	2132.002	HCF 16	M72
		Mancal radial	Radial bearing		ACFA 56	M15
		Arruela de encosto	Thrust washer		AAEB 99	M15
	SMC-100	Mancal de biela	Connecting rod bearing	2133.003-00	FCBA 71	M15
		Mancal de biela	Connecting rod bearing		JCBA 71	M15
		Bucha de biela	Connecting rod bushing	2132.004	HCF 17	M72
		Mancal axial	Thrust bearing	2132.021-00	ACFA 57F	M15
		Mancal axial	Thrust bearing		QACFA 57F	M15
		Mancal axial	Thrust bearing		MACFA 57F	M19
	SMC-180	Mancal de biela	Connecting rod bearing	2133.005-00	FCBA 72	M15
		Bucha de biela	Connecting rod bushing	2132.006	HCF 18	M72
		Mancal radial	Radial bearing	2132.023-00	ACFA 77	M15
		Mancal radial	Radial bearing		MACFA 77	M19
		Arruela de encosto	Thrust washer	2132.998-00	AAEB 67	M15
		Arruela de encosto	Thrust washer		CAEB 67	M19
	T/CMO MK2	Mancal axial	Thrust bearing		SACFA 62F	M15
	VMY-225	Mancal radial	Radial bearing		BACFA 72F	M15
	VMY-325	Mancal radial	Radial bearing		BACFA 73F	M15
	VMY-425	Mancal radial	Radial bearing		BACFA 74F	M15
SOLAR CENTAURO	C16	Anel de selagem	Sealing ring	120156-5	D-12225	M8
		Anel de selagem	Sealing ring	120156-6	D-12226	M8
		Anel de selagem	Sealing ring	948097-C2	D-12227	M8
		Anel de selagem	Sealing ring	948098-C2	D-12228	M8
	C28	Anel de selagem	Sealing ring	902737-C1	D-12031	M8
		Anel de selagem	Sealing ring	902778-C1	D-12032	M8
		Anel de selagem	Sealing ring	902779-C1	D-12033	M8
		Anel de selagem	Sealing ring	911259-C1	D-12034	M8
		Anel de selagem	Sealing ring	911783-C1	D-12035	M8
STAL	P22A, P24A	Mancal de biela	Connecting rod bearing		ICBA 02	M15
		Bucha de biela	Connecting rod bushing		KACFA 07	M3
		Mancal radial	Radial bearing		KACFA 08	M15
SULZER/ SULZER WEISE	ACV 14-45	Mancal radial oscilante	Tilting pad radial bearing	2.837683-545	GACFA 14	M15
		Mancal radial oscilante	Tilting pad radial bearing	2.837683-547	GACFA 95	M15
		Sapata radial	Radial shoe bearing		D-11702	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
SULZER/ SULZER WEISE	2CV-250	Mancal de biela	Connecting rod bearing		ICBA 03F	M15
		Bucha de pistão	Piston bushing		KACFA 09	M15
		Mancal axial	Thrust bearing		KACFA 10F	M15
		Mancal axial	Thrust bearing		KACFA 11F	M15
	2K-105	Bucha de pino de cruzeta	Crosshead pin bushing	2.146.003.268	JACFA 23F	M15
	K90-2A	Mancal axial	Thrust bearing		MACFA 30F	M15
	K90-2A / K90-2B	Mancal de biela	Connecting rod bearing		HCBA 64F	M15
		Mancal de biela	Connecting rod bearing		HCBA 76F	M15
		Mancal axial	Thrust bearing	2.146.002.861	JACFA 22F	M15
		Bucha de cruzeta	Crosshead bushing	2.146.003.107	IACFA 19F	M15
		Mancal guia	Axial bearing		IACFA 18F	M175
		Cruzeta	Crosshead		D-11931	M175
	K140-2A	Mancal de biela	Connecting rod bearing		HCBA 34F	M15
		Bucha de pino de cruzeta	Crosshead pin bushing		BACFA 67	M15
		Mancal axial	Thrust bearing		FACFA 69F	M15
		Bucha guia	Bushing	3.106.106.245	JACFA 25F	M15
	K160-2A	Mancal de biela	Connecting rod bearing		HCBA 14F	M15
		Mancal guia	Axial bearing		IACFA 12F	M175
		Cruzeta	Crosshead		D-11913	M175
	VC	Mancal de biela	Connecting rod bearing	3.145.110.898	HCBA 95	M2
		Mancal de biela	Connecting rod bearing	3.145.110.127	HCBA 97	M51
TANABE	VH 145	Mancal de biela	Connecting rod bearing		ICBA 27	M35
THERMO KING	X426, X430	Casquilho de biela	Connecting rod bearing		ICBA 83	M15
THOMASSEN	C-20-5	Mancal axial	Thrust bearing		HCFA 92F	M220
		Mancal radial	Radial bearing		CACFA 10	M220
		Mancal radial	Radial bearing		CACFA 11	M220
	38M4	Sapata axial	Thrust shoe bearing	876943-2	AEEK 09	M15
		Sapata radial	Radial shoe bearing	3900-1150-00	D-10017	M15
		Sapata radial	Radial shoe bearing	3900-1151-00	D-11230	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11030	M15
		Sapata axial	Thrust shoe bearing	638680-4	EEK 13	M15
TILGHMAN	TBX-5X	Mancal de biela	Connecting rod bearing		GCBA 82	M15
		Mancal radial	Radial bearing		BACFA 96	M15
		Mancal radial	Radial bearing		GACFA 40	M15
WABCO	411010, 411012, 411026, 411034	Mancal de biela	Connecting rod bearing		ICBA 24	M2
WESTINGHOUSE	2CD , 3CD	Mancal de biela	Connecting rod bearing	A540589	ECBA 66	M37
		Mancal de biela	Connecting rod bearing	A545461	ECBA 67	M37
		Bucha de biela	Connecting rod bushing	A578245	FACFA 53	M30
	2CY4B	Mancal de biela	Connecting rod bearing		HCBA 49	M15
	242FRA	Mancal de biela	Connecting rod bearing		GCBA 94	M2

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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COMPRESSOR - COMPRESSOR

WESTINGHOUSE	242FRA	Mancal radial	Radial bearing		DACFA 74F	M2
		Mancal radial	Radial bearing		DACFA 75	M2
	WXOV	Mancal de biela	Connecting rod bearing	8496981	BCBA 51	M15
		Bucha de pino de pistão	Piston pin bushing	8343431	ECF 17	M30
		Bucha de pino de pistão	Piston pin bushing	8338022	ECF 18	M30
WORTHINGTON	BDC-2	Mancal radial	Radial bearing	210612A1	GCF 28	M46
		Mancal radial	Radial bearing	210612B1	GCF 29	M46
		Mancal de biela	Connecting rod bearing	210612	ACB 83	M46
		Mancal de biela	Connecting rod bearing	303	FCBA 62	M15
		Bucha de biela	Connecting rod bushing		UCFA 34	M3
		Bucha de biela	Connecting rod bushing		KACFA 83	M2
		Mancal radial	Radial bearing	193	UCFA 32	M15
		Mancal axial	Thrust bearing	194	UCFA 33F	M15
		Mancal de biela	Connecting rod bearing		HCBA 65	M15
		Sapata de cruzeta	Crosshead shoe bearing		D-11189	M28
WORTHINGTON	BDC-2/1	Mancal de biela	Connecting rod bearing	211235-3	FCBA 63	M15
		Bucha de biela	Connecting rod bushing	211229-8	UCFA 38	M3
		Mancal radial	Radial bearing	211231-3	UCFA 36	M15
		Mancal radial	Radial bearing	211232-3	UCFA 37	M15
		Arruela de encosto	Thrust washer		AAEB 61	M30
	BDC-5	Mancal de biela	Connecting rod bearing	PB11816/23023100501	DCBA 89	M2
	BDC-7	Mancal radial	Radial bearing	PB12743/23023100700	MCFA 01	M2
		Mancal radial	Radial bearing	PB2744/23023100500	MCFA 02	M2
		Arruela de encosto	Thrust washer	BR-12742	AAEB 54	M30
	BDC-8	Mancal radial	Radial bearing		NCFA 98	M2
	BDC 12x12x8 ½	Mancal de biela	Connecting rod bearing	23023101100	ICBA 41	M2
		Mancal radial	Radial bearing	23023101000	MACFA 28	M2
		Mancal radial	Radial bearing	23023100900	MACFA 29	M2
		Anel de encosto	Thrust washer	24006403200	CAEB 04	M30
	BDC 24 x 18 x 8 1/2	Mancal radial	Radial bearing		QACFA 44	M15
		Mancal radial	Radial bearing		QACFA 45	M15
	BDC-331	Mancal de biela	Connecting rod bearing		ACB 26	M28
		Mancal radial	Radial bearing		ACF 53	M28
		Mancal axial	Thrust bearing		ACF 54F	M28
	CUB 2/3	Mancal de biela	Connecting rod bearing	210522E1	FCBA 88	M2
	CUB6-OF6 x H	Mancal de biela	Connecting rod bearing	22023102200	ICBA 91	M2
	CUB 13"x 6"					
	OSF6H	Bucha de biela	Connecting rod bushing	22014000300	NACFA 77	M6
	HB, HBM, HBB5	Mancal de biela	Connecting rod bearing	300306 / 23023100100	ACB 59F	M94
	HBM7	Mancal de biela	Connecting rod bearing	300802 / 23023100200	ACB 66F	M94
	HBM 100 x 100	Sapata de cruzeta	Crosshead shoe bearing		D-13375	M30
	HB 7x7	Mancal de biela	Connecting rod bearing	PB-2269/23023100400	DCBA 01F	M11

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
COMPRESSOR - COMPRESSOR						
WORTHINGTON	HB 9x9	Mancal de biela	Connecting rod bearing	200146 210922-2/ 22023100201	DCBA 02F	M11
	HB/M/B 9	Mancal de biela	Connecting rod bearing	22023100201	ICBA 05F	M9
	HB/M/B 11	Mancal de biela	Connecting rod bearing	Y211122/ 23023100300	ICBA 06F	M9
	HS2	Mancal de biela	Connecting rod bearing		HCBA 61F	M91
	SV-1000	Mancal de biela	Connecting rod bearing	127107	HCBA 20	M15
	V4A3	Mancal de biela	Connecting rod bearing		HCBA 59	M15
	Y7, YB7, YF7	Mancal de biela	Connecting rod bearing	PB-7059	ACB 47F	M74
	YCC2	Mancal de biela	Connecting rod bearing		HCBA 75F	M8
YORK	238-B7	Mancal radial	Radial bearing	064.12757-006	ICF 75F	M21
		Mancal radial	Radial bearing	064.23440B	ICF 76F	M21
	LTC85	Mancal radial	Radial bearing	064.11643	D-11609	M21
		Mancal radial	Radial bearing	064.11644	D-11610	M21
		Mancal radial	Radial bearing	064.11645	D-11611	M21
		Mancal radial	Radial bearing	064.13845	D-11612	M21
		Mancal radial	Radial bearing	064.21465	D-11613	M21
	LTD76	Mancal radial	Radial bearing		HCF 69	M21
		Mancal radial	Radial bearing		HCF 71F	M21
		Mancal radial	Radial bearing		HCF 72F	M21
		Mancal radial	Radial bearing		HCF 73F	M21
		Mancal axial	Thrust bearing		HCF 74F	M21
	RST-24A22, RSI-22ED5A	Mancal de biela	Connecting rod bearing		FCBA 64	M15
		Mancal axial	Thrust bearing		ICF 21F	M28
	OT49	Mancal axial	Thrust bearing		GCF 21F	M22
		Mancal radial	Radial bearing		GCF 17F	M22
		Mancal radial	Radial bearing		GCF 18	M22
		Mancal radial	Radial bearing		GCF 19F	M22
		Mancal radial	Radial bearing		GCF 22F	M22
	3-DDX	Mancal axial	Thrust bearing		GCF 23F	M22
		Mancal axial	Thrust bearing		GCF 24F	M22

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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COMPRESSOR - COMPRESSOR

COMPRESSOR COM REDUTOR - COMPRESSOR WITH REDUCER

KOBE / KOBE ALLIS / KOBE STEEL	VC-1104	Mancal axial oscilante	<i>Tilting pad thrust bearing</i>	3R09535	D-11592	M15
		Sapata axial	<i>Thrust shoe bearing</i>		AEEK 73	M15
		Mancal radial oscilante	<i>Tilting pad radial bearing</i>	3R09536	D-11593	M15
		Sapata radial	<i>Radial shoe bearing</i>		D-11594	M15
		Mancal radial	<i>Radial bearing</i>		AACFA 86F	M15
	VS506	Mancal radial	<i>Radial bearing</i>	540802	CACFA 49	M35
		Mancal radial	<i>Radial bearing</i>	540805	CACFA 50	M35
		Mancal radial	<i>Radial bearing</i>	540902	CACFA 51	M35
		Mancal radial	<i>Radial bearing</i>	540905	CACFA 52	M35
		Sapata radial	<i>Radial shoe bearing</i>		D-11103	M35
		Sapata radial	<i>Radial shoe bearing</i>		D-11104	M35
		Sapata axial	<i>Thrust shoe bearing</i>		AEEK 14	M35
		Sapata axial	<i>Thrust shoe bearing</i>		AEEK 15	M35
		Sapata axial	<i>Thrust shoe bearing</i>		AEEK 16	M35
		Sapata axial	<i>Thrust shoe bearing</i>		AEEK 17	M35
		Sapata axial	<i>Thrust shoe bearing</i>		AEEK 19	M35
		Sapata axial	<i>Thrust shoe bearing</i>		AEEK 20	M35
		Sapata axial	<i>Thrust shoe bearing</i>			
		Sapata axial	<i>Thrust shoe bearing</i>			
		Sapata axial	<i>Thrust shoe bearing</i>			

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
EXAUSTOR - EXHAUSTER						
BAUNCO	KIV-80-AKLK	Mancal radial	<i>Radial bearing</i>	311801-017	FCFA 18	M11
		Mancal radial	<i>Radial bearing</i>		EACFA 22	M11
BRYAN DONKIN	F-5870/71	Mancal radial	<i>Radial bearing</i>		HACFA 79	M19
		Anel de selagem	<i>Sealing</i>		D-13391	M19
		Mancal radial	<i>Radial bearing</i>		SACFA 65	M15
GEMA	H36.1320.DLDE	Anel de encosto	<i>Thrust washer</i>		BAEB 36	M35
HAMADA	PTF-LK 13 ½	Mancal axial	<i>Thrust bearing</i>		LACFA 90	M35
		Mancal radial	<i>Radial bearing</i>		LACFA 91	M35
KAWASAKI	1M-1.03.4	Mancal radial	<i>Radial bearing</i>		FACFA 41F	M17
		Mancal radial	<i>Radial bearing</i>		LACFA 32	M17
KRUPP KOPPERS	Serie F5871, AP66235	Labirinto	<i>Labyrinth</i>		D-11492	M129
		Labirinto	<i>Labyrinth</i>		D-11493	M129
		Labirinto	<i>Labyrinth</i>		D-11494	M129
		Labirinto	<i>Labyrinth</i>		D-11495	M129
		Labirinto	<i>Labyrinth</i>		D-11815	M19
		Labirinto	<i>Labyrinth</i>		D-11816	M19
		Labirinto	<i>Labyrinth</i>		D-11817	M19
		Labirinto	<i>Labyrinth</i>		D-11818	M19

FABRICANTE <i>OEM NAME</i>	MODELO <i>MODEL</i>	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM <i>OEM PART NUMBER</i>	REF SMAGON <i>SMAGON REF</i>	MTL <i>MTL</i>
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FORNO - *FURNACE*

BROWN BOVERI	SSKD300	Bucha levantamento tampa	<i>Lid lift bushing</i>		LCFA 61	M4
		Bucha levantamento tampa	<i>Lid lift bushing</i>		LCFA 62	M4

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
GERADOR ELÉTRICO - ELECTRIC GENERATOR						
ASEA	GTP 1050/10MW	Mancal axial oscilante	<i>Tilting pad thrust bearing</i>	155148-4	D-11313	M174
		Mancal axial oscilante	<i>Tilting pad thrust bearing</i>	155148-01	D-11319	M174
		Mancal radial	<i>Radial bearing</i>		EACFA 12	M174
		Sapata axial	<i>Thrust shoe bearing</i>	22127087-A	AEEK 40	M174
		Sapata axial	<i>Thrust shoe bearing</i>	22127088-A	AEEK 41	M174
		Sapata axial	<i>Thrust shoe bearing</i>	2127093-A	AEEK 42	M174
		Sapata axial	<i>Thrust shoe bearing</i>	2127094-A	AEEK 43	M174
	Nihil	Mancal radial	<i>Radial bearing</i>	1853.088-A	KACFA 96F	M174
BRUSH	BDAR	Mancal radial	<i>Radial bearing</i>	B 312 26 77	DACFA 98	M15
		Mancal radial	<i>Radial bearing</i>	B 311 6238	DACFA 99	M15
GENERAL ELECTRIC	24,5 MVA	Sapata axial	<i>Thrust shoe bearing</i>		EEK 06	M15
		Mancal radial	<i>Radial bearing</i>		QCFA 94	M15
HITACHI	EFB 1	Mancal radial	<i>Radial bearing</i>		JACFA 64	M186
	30,40KW	Mancal radial	<i>Radial bearing</i>	HK-259-109	SCFA 79F	M86
		Mancal radial	<i>Radial bearing</i>	HK-259-108	SCFA 87F	M86
MARELLI	Série 744854	Sapata axial	<i>Thrust shoe bearing</i>		BEEK 20	M17
TOSHIBA	825KVA	Mancal radial	<i>Radial bearing</i>		GACFA 75F	M15
	150KW	Mancal radial	<i>Radial bearing</i>	EM-910622	VCFA 68	M110
		Mancal radial	<i>Radial bearing</i>	EM-910624	D-10893	M103
	175KW	Mancal radial	<i>Radial bearing</i>	EK-7201109	VCFA 89F	M110
		Mancal radial	<i>Radial bearing</i>	EK-102416	VCFA 91F	M110
	300KW	Mancal radial	<i>Radial bearing</i>	EP-2133409	VCFA 69	M110
	400KW	Mancal radial	<i>Radial bearing</i>	910023	D-10913	M17
WESTINGHOUSE	24000MW	Mancal radial da excitatriz	<i>Exciter radial bearing</i>		GACFA 76	M15
	SK	Mancal axial	<i>Thrust bearing</i>		SACFA 02F	M128
	SK-1-S-60,	Mancal radial	<i>Radial bearing</i>		GCF 57F	M113
	SK-2-S-57	Mancal radial	<i>Radial bearing</i>		GCF 58F	M113
YASKAWA	750KW	Mancal radial	<i>Radial bearing</i>	P-721585	D-10887	M35
	900KW	Mancal radial	<i>Radial bearing</i>	P-710422	BCFA 96	M35
		Labirinto	<i>Labyrinth</i>	P-7325111	D-10888	M119
		Labirinto	<i>Labyrinth</i>	P-7325112	D-10889	M119
		Labirinto	<i>Labyrinth</i>	P-7325113	D-10890	M119

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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HOMOGENEIZADOR - *HOMOGENEIZER*

ALFA LAVAL	ALH 30	Casquilho de biela	Connecting rod bearing		ICBA 26	M220
	SHL 25	Casquilho de biela	Connecting rod bearing	47221466-01	ICBA 69F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
LAMINADOR DE PLACAS - PLATE MILL						
MESTA	57" x 40"	Bucha	Bushing	141-19976	AACFA 56	M15
MORGAN	68" x 90"	Bucha	Bushing		ZCFA 52F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
LAMINADOR - ROLLING MILL						
ISHIKAWAGIMA	49 1/2"	Bucha	Bushing		GACFA 90F	M15
KPW	75VM	Mancal de biela	Connecting rod bearing	020.1058.30.004	GCBA 62F	M138
		Mancal de biela	Connecting rod bearing	020.1058.30.005	GCBA 63F	M138
		Mancal axial	Thrust bearing	020.1058.30.002	BACFA 32F	M138
		Mancal radial	Radial bearing	020.1058.30.003	BACFA 33F	M138
MESTA	20" x 14"	Bucha	Bushing	31932/31942	D-10871	M15
		Bucha	Bushing	31933/31943	D-10872	M15
	33" x 24"	Bucha	Bushing		ZCFA 64	M15
		Bucha	Bushing		FACFA 62	M15
	33" x 25"	Bucha	Bushing	153870-J	ZCFA 22	M15
		Bucha	Bushing	153870-K	ZCFA 43	M15
		Bucha	Bushing	153870	ZCFA 63	M15
		Bucha	Bushing	34695 ^a	ECFA 08	M15
		Arruela de encosto	Thrust washer	34693C	AAEB 19	M15
	33" x 28"	Bucha	Bushing	109499 ^a	FACFA 63	M15
		Bucha	Bushing		BACFA 66	M15
		Bucha	Bushing	109499 ^a	UCFA 98	M15
		Bucha	Bushing	KM109499/24	FACFA 23	M15
		Bucha	Bushing	KM109499/20	CACFA 64	M15
	36" x 30"	Bucha	Bushing		LACFA 87	M17
		Bucha	Bushing		AACFA 98	M15
	42" x 30"	Bucha	Bushing		AACFA 99	M15
		Selo	Sealing	241-20116	D-12113	M44
MORGAN	9 1/2" X 72"	Bucha	Bushing		FACFA 20F	M15
	12" x 72"	Bucha	Bushing		FACFA 19F	M15
	14" x 72"	Bucha	Bushing		D-10544	M15
	16" x 72"	Bucha	Bushing		D-10543	M15
	30" x 72"	Bucha	Bushing		TCFA 91F	M15
	50" x 72"	Bucha	Bushing		LACFA 76F	M241
	52" x 72"	Bucha	Bushing		GACFA 19F	M15
	54" x 72"	Bucha	Bushing		GACFA 20F	M15
	18" x 80"	Bucha	Bushing		CCFA 27F	M15
	30" x 90"	Bucha	Bushing		MACFA 49F	M221
	42" x 90"	Bucha	Bushing		CCFA 26F	M15
	44" x 90"	Bucha	Bushing		CCFA 09F	M231
	48" x 90"	Bucha	Bushing		FCF 07F	M85
		Bucha	Bushing		TCFA 92F	M15
	50" x 90"	Bucha	Bushing		FCF 08F	M85
	54" x 90"	Bucha	Bushing		AACFA 29F	M15
		Bucha	Bushing		CCFA 33F	M15
		Bucha	Bushing		FCF 09F	M85
BLISS	42"x 84"	Bucha	Bushing	10248985	MACFA 17F	M221

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOINHO - CRUSHER						
ALLIS CHALMERS	54"x22"	Mancal axial	Thrust bearing	07.351.544	FCF 26F	M127
SCHNEIDER CREUSOT	3600 x 11100	Mancal axial	Thrust bearing		JACFA 29F	M237

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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MOTOR DE TRAÇÃO - TRACTION MOTOR

GENERAL ELECTRIC	752 AG	Mancal de suspensão	<i>Axial suspension bearing</i>	41B537109G6	JCF 85F	M255
	761F	Mancal de suspensão	<i>Axial suspension bearing</i>	41C637157G4	JCF 79F	M255
	761 PA10-5	Mancal de suspensão	<i>Axial suspension bearing</i>	41C633819	JCF 94F	M255
GENERAL MOTORS	D19, D29,	Mancal de suspensão	<i>Axial suspension bearing</i>	8318577	HCF 03F	M151
	D31, D36	Mancal de suspensão	<i>Axial suspension bearing</i>	8435108	HCF 04F	M151
	D19	Mancal de suspensão	<i>Axial suspension bearing</i>	8318573	DCF 49F	M34
		Mancal de suspensão	<i>Axial suspension bearing</i>	8318578	DCF 57F	M34
	D29	Mancal de suspensão	<i>Axial suspension bearing</i>	8176373	CCF 21F	M29
		Mancal de suspensão	<i>Axial suspension bearing</i>	8176374	CCF 22F	M29
	D29, D31	Mancal de suspensão	<i>Axial suspension bearing</i>	9534909	JCF 60F	M247
	D47/D57/D67/ D77/D87	Mancal de suspensão	<i>Axial suspension bearing</i>	9557789	JCF 99F	M247
	DASH 8, U26	Mancal de suspensão	<i>Axial suspension bearing</i>	41C637157G4	JCF 79F	M255
HITACHI	Nihil	Mancal de suspensão	<i>Axial suspension bearing</i>	8604003	JCF 61F	M248
		Mancal de suspensão	<i>Axial suspension bearing</i>	TU-MRM-1002-01	JCF 62F	M248

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR DIESEL - DIESEL ENGINE						
ALCO	12-244	Mancal de biela	Connecting rod bearing	21.710.243(L)/ 21.710.244(U)	FCBA 29	M42
	R3, RS3	Mancal axial	Thrust bearing	21.410.342	ECFA 42F	M42
		Mancal radial	Radial bearing	21.410.336	TCFA 72	M42
		Mancal radial	Radial bearing	21.410.147-1	TCFA 73	M42
		Bucha de biela	Connecting rod bushing	2.171.014	ECF 54	M30
		Bucha de bomba de óleo	Oil pump bushing	2.391.311	ECF 56F	M30
		Mancal radial do levantador	Rocker arm bearing	2.153.631	HCF 29	M30
		Bucha da raquete	Racket bushing	2.322.162-1	HCF 31	M124
		Mancal de eixo comando	Camshaft radial bearing	2.161.131	ZCFA 31	M8
	8-251, 12-251, 8-251B RS8, RSD8, RSD12	Mancal de biela	Connecting rod bearing	21.710.228(L)/ 21.710.226(U)	FCBA 42	M42
		Mancal radial	Radial bearing	21.410.141	TCFA 09	M42
		Mancal axial	Thrust bearing	21.410.354	TCFA 11F	M42
		Mancal radial	Radial bearing	21.410.326	TCFA 12	M42
		Mancal radial	Radial bearing	21.410.166	ZCFA 12	M42
		Bucha de eixo comando	Camshaft bushing	2.161.334	ZCFA 13	M3
		Bucha de biela	Connecting rod bushing	2.171.016	XCFA 52	M3
		Bucha de bomba combustível	Fuel pump bushing	2.241.491	EACFA 3	M3
		Bucha de bomba combustível	Fuel pump bushing	2.321.598	ICF 03	M30
		Bucha de bomba combustível	Fuel pump bushing	2.321.599	ICF 05	M30
		Mancal de eixo comando	Camshaft axial bearing	2.161.134	JCF 34F	M125
		Bucha de biela	Connecting rod bushing	2.171.016-1	KACFA 38	M3
		Bucha de bomba de óleo	Oil pump bushing	2.311.314-1	KCF 08F	M44
		Arruela encosto bomba óleo	Oil pump thrust washer	2.391.351-1	BAEB 44	M44
		Arruela encosto bomba óleo	Oil pump thrust washer	2.391.352-1	BAEB 46	M44
		Bucha de levantador	Rocker arm bushing	2.153.632	EACFA 99	M3
		Mancal axial turbo	Turbocharger axial bearing	2.226.1203-2	BACFA 79F	M2
		Mancal axial turbo	Turbocharger thrust bearing	2.226.1204-2	BACFA 81F	M2
		Bucha de bomba de óleo	Oil pump bushing	2.391.312-1	KCF 07F	M44
	539	Mancal de biela	Connecting rod bearing	51.720	ACB 74F	M137
	RS	Mancal radial	Radial bearing	51.417	GCF 63	M137
		Mancal radial	Radial bearing	51.418	GCF 64	M137
BUCKAU WOLFF	970 HP	Mancal radial	Radial bearing		BCF 94	M22
		Mancal radial	Radial bearing		BCF 96	M22
		Mancal axial	Thrust bearing		BCF 97F	M22
BURMEISTER WAIN'S	BW20 MTBH30	Mancal de biela	Connecting rod bearing	20A11BE9	FCBA 32	M15
		Mancal de biela	Connecting rod bearing		D-09879	M47
		Mancal axial	Thrust bearing		ACFA 24F	M15
		Mancal axial	Thrust bearing		DCFA 13F	M15
	BW20 MTBS30	Mancal de biela	Connecting rod bearing		CCBA 21	M2
		Mancal radial	Radial bearing		HCFA 36F	M15
		Mancal axial	Thrust bearing		HCFA 37F	M15
	BW21 MTBH30(A)	Mancal de biela	Connecting rod bearing	WGO8B12	ECBA 49	M2
		Mancal de biela	Connecting rod bearing	WGO8B12	FCBA 83	M15
		Mancal de biela	Connecting rod bearing		DCBA 41	M2
		Mancal de biela	Connecting rod bearing		DCBA 43	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
MOTOR DIESEL - DIESEL ENGINE						
BURMEISTER WAIN'S	BW21 MTBH30(A)	Mancal axial	Thrust bearing	WGO1C34	PCFA 67F	M15
		Mancal radial	Radial bearing	WGO1B32	NCFA 16F	M15
	BW23 MT30	Bucha de balancim	Rocker arm bushing	WR21C10	VCFA 76	M115
	BW23 MTB30	Bucha de eixo comando	Camshaft bushing	WR30C42	XCFA 77	M15
	BW25 MTBH40	Mancal de biela	Connecting rod bearing		D-08839	M15
		Mancal radial	Radial bearing		NCFA 86F	M15
	BW25 MTBH40	Mancal axial	Thrust bearing		PCFA 54F	M15
	BW26 MTBH40(A)	Mancal de biela	Connecting rod bearing	WFO8L12 1/2	ECBA 51	M15
		Mancal radial	Radial bearing	FO1H 31/32	PCFA 68F	M15
		Mancal axial	Thrust bearing	FO1K 33/34	PCFA 69F	M15
	BW35 VBF62 (P)	Mancal de biela	Connecting rod bearing		D-10962	M47
		Mancal de biela	Connecting rod bearing		BACFA 51	M15
	BW45 MTB54V(P)	Mancal de biela	Connecting rod bearing	MZO8A 12/13	GCBA 53	M2
		Bucha de biela	Connecting rod bushing	MZO8C20S	SCFA 69	M53
	BW50 VTBF110(P)	Mancal de biela	Connecting rod bearing	VPO8S 10/11	D-10840	M47
		Mancal de biela	Connecting rod bearing		D-10837	M47
		Mancal de pino de cruzeta	Crosshead pin bearing		D-10839	M47
		Mancal de pino de cruzeta	Crosshead pin bearing		D-10805	M47
		Sapata	Sliding shoe bearing		D-10838	M47
		Mancal radial	Radial bearing	VPO1E 31/32	NCFA 12F	M47
	BWK45GF(P)	Mancal radial	Radial bearing	660046-5/660047-7	VCFA 54F	M47
		Mancal radial	Radial bearing	660087-2/660088-4	VCFA 56F	M47
		Mancal de cruzeta	Crosshead radial bearing	660396-1/660348-8	VCFA 57	M112
	BWK67GF(P)	Mancal radial	Radial bearing		VCFA 51F	M47
		Mancal radial	Radial bearing		VCFA 52F	M47
		Mancal de cruzeta	Crosshead radial bearing	684167-0/68-2	VCFA 53	M112
	BWK84GF(P), VTGF180	Mancal de cruzeta	Crosshead radial bearing		D-09777	M47
		Mancal de biela	Connecting rod bearing		D-10277	M47
		Mancal de biela	Connecting rod bearing		D-10278	M47
		Mancal radial	Radial bearing		AACFA 68F	M47
		Mancal de biela	Connecting rod bearing		D-10795	M47
		Mancal radial	Radial bearing		AACFA 69F	M47
	BWS28L(A)	Mancal de biela	Connecting rod bearing	V08D12	FCBA 93	M2
		Mancal de biela	Connecting rod bearing	V08D12	GCBA 24	M57
		Mancal radial	Radial bearing	U01D 31/32	VCFA 33	M2
		Mancal radial	Radial bearing	U01D 31/32	XCFA 72	M57
		Arruela de encosto	Thrust washer	U01J33	BAEB 06	M2
	BWS28LH(A)	Bucha de biela	Connecting rod bushing	U08B20	XCFA 71	M4
	BWT23H	Mancal de biela	Connecting rod bearing		DCBA 42	M2
		Mancal de biela	Connecting rod bearing		DCBA 44	M15
		Mancal de biela	Connecting rod bearing	RO8H 12/13	ECBA 28	M2
		Mancal de biela	Connecting rod bearing	RO8H 12/13	FCBA 37	M15
		Bucha de biela	Connecting rod bushing		DCF 27	M30
		Bucha de biela	Connecting rod bushing		DCF 94	M30
		Mancal radial	Radial bearing	RO1P 31/32	SCFA 89F	M15
	BWT23H	Mancal axial	Thrust bearing	RO1S 33/34	TCFA 19F	M15
		Mancal radial	Radial bearing		AACFA 67	M15
		Mancal axial	Thrust bearing		PCFA 11F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR DIESEL - DIESEL ENGINE						
BURMEISTER WAIN'S	BWT23L	Mancal de biela	Connecting rod bearing	RO8G 12/13	FCBA 38	M51
		Mancal de biela	Connecting rod bearing	RO8G 12/13	GCBA 38	M57
		Mancal radial	Radial bearing	RO1N 31/32	SCFA 98F	M51
		Mancal radial	Radial bearing	RO1N 31/32	TCFA 22F	M2
		Mancal axial	Thrust bearing	RO1N 33/34	SCFA 99F	M51
		Mancal axial	Thrust bearing	RO1N 33/34	TCFA 21F	M2
	BWU28H(A)	Mancal de eixo comando	Camshaft radial bearing	V3OB42	VCFA 77	M15
	BWV23H(A)	Mancal de eixo comando	Camshaft radial bearing	WS3OA42	XCFA 78	M15
	BWV23L(A)	Mancal de biela	Connecting rod bearing	125681-7/125682-5	FCBA 39	M2
		Mancal de biela	Connecting rod bearing	125681-7/125682-5	GCBA 39	M57
		Mancal radial	Radial bearing	125897-9/125896-1	TCFA 01F	M2
		Mancal axial	Thrust bearing	125895-4/125896-1	TCFA 02F	M2
CHICAGO PNEUMATIC	89A-CPS	Mancal radial	Radial bearing		LCFA 88	M2
	16 CPS	Mancal axial	Thrust bearing		BCF 57F	M2
		Mancal radial	Radial bearing		BCF 68	M28
		Mancal de biela	Connecting rod bearing		CB 92F	M28
CUMMINS	H, HR, NH, NT, Séries 250, 270, 855	Mancal de biela	Connecting rod bearing	42679-1	ACBA 14	M2
		Mancal de biela	Connecting rod bearing	203660	FCBA 49	M2
		Mancal de biela	Connecting rod bearing	203260	ECBA 13	M2
		Mancal de biela	Connecting rod bearing	214950	HCBA 69	M196
		Bucha de biela	Connecting rod bushing	43067	FCFA 28	M2
		Bucha de biela	Connecting rod bushing	187420	KACFA 34	M3
		Mancal radial	Radial bearing	3019174/80	IACFA 41	M196
		Mancal radial	Radial bearing	3019186/92	IACFA 42	M196
		Mancal radial	Radial bearing	3019198/204	IACFA 43	M196
		Arruela de encosto	Thrust washer	157280	AEA 86	M25
		Bucha de eixo comando	Camshaft bushing	100670	NCFA 03	M42
		Bucha de eixo comando	Camshaft bushing	157870	NCFA 04	M42
		Bucha de eixo comando	Camshaft bushing	3028075	KACFA 47	M42
		Bucha de eixo comando	Camshaft bushing	3028269	KACFA 48	M42
	KT, KTA 2300, KTA 3067	Mancal de biela	Connecting rod bearing	206160	HCBA 26	M196
		Bucha de biela	Connecting rod bushing	3000965	FACFA 27	M3
		Mancal radial	Radial bearing	206580/90	FACFA 25	M196
		Mancal radial	Radial bearing	206500/10	FACFA 26	M196
		Bucha de eixo comando	Camshaft bushing	205230	FACFA 28	M197
		Bucha de eixo comando	Camshaft bushing	3175805	FACFA 29	M197
		Mancal radial da engrenagem	Internal gear bearing	3004686	FACFA 30	M193
		Arruela de encosto	Thrust washer	000139	AEA 89	M86
	L, LR	Mancal de biela	Connecting rod bearing	102860	BCBA 17	M2
		Mancal radial	Radial bearing	107830/108890	ECFA 22	M2
		Mancal radial	Radial bearing	107840/108900	ECFA 23	M2
		Mancal radial	Radial bearing	107850/108910	ECFA 24	M2
		Arruela de encosto	Thrust washer	42787	AEA 49	M25
	V140, V155, V210, V470, V504, V555	Mancal de biela	Connecting rod bearing	157620	FCBA 48	M2
		Mancal radial	Radial bearing	182200/320	TCFA 29	M2
		Mancal radial	Radial bearing	182210/400	TCFA 31	M2
		Arruela de encosto	Thrust washer	173640/553670	AAEB 57	M3
		Bucha de eixo comando	Camshaft bushing	554003	UCFA 57	M42
		Bucha de eixo comando	Camshaft bushing	554004	UCFA 58	M42

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
MOTOR DIESEL - DIESEL ENGINE						
DAIHATSU	PS22 (P/A)	Mancal de biela	Connecting rod bearing	446196	ECBA 69	M2
		Mancal de biela	Connecting rod bearing	446196	ECBA 63	M17
		Bucha de biela	Connecting rod bushing	578493	QCFA 28	M3
		Mancal radial	Radial bearing	456909	QCFA 31	M17
		Mancal radial	Radial bearing	308634	QCFA 32	M17
		Mancal de eixo comando	Camshaft radial bearing	441600	QCFA 23	M35
	PS 26 (P/A)	Mancal de biela	Connecting rod bearing	466009	FCBA 36	M35
		Mancal de biela	Connecting rod bearing	458936	ECBA 62	M35
		Bucha de biela	Connecting rod bushing	607721	QCFA 29	M3
		Mancal radial	Radial bearing	449245	QCFA 26	M35
		Mancal radial	Radial bearing	449244	QCFA 27	M35
		Arruela de encosto	Thrust washer	M4D	AAEB 53	M35
	PS26D	Mancal de biela	Connecting rod bearing		GCBA 64	M123
		Mancal radial	Radial bearing		BACFA 63	M35
		Mancal radial	Radial bearing		BACFA 64	M35
DORMAN	LD, LE (A)	Mancal de biela	Connecting rod bearing	L91A/3/M	ECBA 83	M2
		Mancal radial	Radial bearing	L51A/M	QCFA 58	M2
		Mancal radial	Radial bearing	L55A/M	QCFA 59	M2
		Mancal radial	Radial bearing	L53A/M	QCFA 61	M2
	6QTCWZ (A)	Mancal de biela	Connecting rod bearing	Q91B/3/M	GCBA 33	M2
		Mancal radial	Radial bearing	Q51/M	ZCFA 53	M2
		Mancal radial	Radial bearing	Q574/M	ZCFA 54	M2
		Mancal radial	Radial bearing	Q53/M	ZCFA 56	M2
	12TCH (P)	Mancal de eixo comando	Camshaft radial bearing		BACFA 29	M15
		Bucha de bomba de óleo	Oil pump bushing		BACFA 31	M15
	12QTZ/H (P)	Mancal de biela	Connecting rod bearing	QV91B/3/M	FCBA 59	M2
		Mancal radial	Radial bearing	QV51C/M	AACFA 46	M2
		Mancal radial	Radial bearing	QV574A/M	AACFA 47	M2
FAIRBANKS MORSE	31A 8 1/2"	Mancal axial	Thrust bearing		CCF 26F	M21
		Mancal de eixo comando	Camshaft radial bearing		CCF 23	M21
		Mancal de eixo comando	Camshaft radial bearing		CCF 24	M21
		Bucha de biela	Connecting rod bushing		CCF 68	M3
	38D 8 1/2"	Mancal de biela	Connecting rod bearing		ACB 38	M32
		Mancal de biela	Connecting rod bearing		ACB 67	M22
		Mancal radial	Radial bearing		FCF 36	M21
		Mancal radial	Radial bearing		DCF 43	M32
		Mancal axial	Thrust bearing		FCF 37F	M21
		Mancal axial	Thrust bearing		DCF 44F	M32
	38ND 8 1/2"	Mancal de biela	Connecting rod bearing		ACB 99	M21
FUJI	8-L32X	Mancal de biela	Connecting rod bearing		HCBA 72	M42
GENERAL ELECTRIC	7FDL	Bucha de biela	Connecting rod bushing		BACFA 82	M3
		Bucha de balancim	Rocker arm bushing		CACFA 13	M3
		Bucha de bomba de óleo	Oil pump bushing	139x1241	JCF 88F	M30
		Bucha de bomba de óleo	Oil pump bushing	139x1243	JCF 89F	M30
		Bucha de bomba de óleo	Oil pump bushing	139x1244	JCF 90F	M30

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR DIESEL - DIESEL ENGINE						
GENERAL ELECTRIC	7FDL	Anel de encosto	Thrust washer	114x1127-3	CAEB 06	M46
		Bucha de biela	Connecting rod bushing	117x1028-1	MACFA 50	M3
		Bucha de engrenagem	Gear bushing	117x1073	JCF 97F	M30
		Bucha de tucho de bomba combustível	Fuel pump bushing		D-12834	M52
	7FDL8, 7FDL12 U10B, U13B, U20C, U23C	Mancal de biela	Connecting rod bearing	117x1045-2	DCBA 87	M42
		Mancal de biela	Connecting rod bearing	117x1050-1(U)	ICBA 09 S	M42
		Mancal de biela	Connecting rod bearing	117x1045-2(L)	ICBA 09 I	M42
		Bucha de pistão	Piston bushing	142x1019	AACFA 08	M3
		Bucha de balancim	Rocker arm bushing	124x1066	AACFA 06	M3
		Mancal radial	Radial bearing	114x1103-1	ACFA 88	M42
		Mancal radial	Radial bearing	114x1150	AACFA 03	M42
		Arruela de encosto	Thrust washer	114x1127-1	AAEB 91	M46
		Arruela de encosto	Thrust washer	114x1068-1	BAEB 37	M46
		Bucha de eixo comando	Camshaft bushing	131x1015-1	GCF 39	M21
		Bucha de eixo comando	Camshaft bushing	116x1070-1	GCF 56	M21
		Arruela de encosto de eixo comando	Camshaft thrust washer	116x1047	BAEB 34	M30
		Bucha de bomba de óleo	Oil pump bushing	139x1225	HCF 21F	M30
		Bucha de bomba de óleo	Oil pump bushing	139x1226	HCF 22F	M30
		Bucha de bomba de óleo	Oil pump bushing	139x1227	HCF 24F	M30
		Bucha de bomba de óleo	Oil pump bushing	139x1242	ICF 14F	M30
		Bucha de governador	Governor bushing	114x1123	ICF 26F	M30
	JSA-8T	Mancal axial	Thrust bearing		ZCFA 61F	M15
	LSV-16T	Mancal radial	Radial bearing		ZCFA 58	M51
		Mancal radial	Radial bearing		ZCFA 59	M51
	FVBL-8-T, FVBL-12-T, U12B, U18	Mancal de biela	Connecting rod bearing	FVA-4-F-1PP	CBA 37	M6
		Bucha de biela	Connecting rod bushing	FW-5E/142x1004-1	BCF 74	M30
		Mancal radial	Radial bearing	FVA-7-B	ECFA 89F	M6
		Mancal radial	Radial bearing	FV-7-N	CFA 57	M6
		Mancal de eixo comando	Camshaft radial bearing	FVA-9V	ZCFA 11	M15
		Bucha de eixo comando	Camshaft bushing	CB-3359C	BCF 69	M21
		Bucha de eixo comando	Camshaft bushing	CB-3360C	BCF 71	M21
		Mancal de eixo comando	Camshaft radial bearing	119x1044	FCFA 24	M8
		Mancal axial do levantador	Rocker arm thrust bearing	FW-25D	BCF 72F	M30
		Mancal axial de bomba óleo	Oil pump thrust bearing	FV-35JJ	BCF 76F	M21
		Mancal radial do levantador	Rocker arm radial bearing	FW-25E	BCF 77	M30
		Bucha de biela	Connecting rod bushing	117x1028	BCF 73	M30
		Mancal axial	Thrust bearing	114x1020-1	SCFA 03F	M42
		Mancal radial	Radial bearing	114x1022-1	VCFA 47	M42
		Mancal de biela	Connecting rod bearing	117x1021-2	FCBA 77	M42
		Bucha de biela	Connecting rod bushing	117x1028	FCFA 34	M3
GENERAL MOTORS	8-567C/CR, 12-567/B/C, 16-567DI, 16-645E G8/12/18/22U/26U SD12/18/38/40	Bucha de levantador	Rocker arm bushing	8055322	ZCFA 34	M53
		Bucha de levantador	Rocker arm bushing	8135971	GCF 79	M30
		Inserto de pistão	Piston carrier insert	8361565	BACFA 04	M143
		Inserto de pistão	Piston carrier insert	8341192	CACFA 97	M42
		Inserto de pistão	Piston carrier insert	8463786	BACFA 06	M144
		Anel de assentamento de cabeça do cilindro	Cylinder head seat ring	8419438	D-10490	M132
		Anel de assentamento de cabeça do cilindro	Cylinder head seat ring	9509180	D-10757	M132
		Arruela de pistão	Piston carrier washer	8135330	D-09937	M30

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
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MOTOR DIESEL - DIESEL ENGINE

GENERAL MOTORS	8-567C/CR,	Mancal de biela	Connecting rod bearing	8329498(U)	ACBA 66 S	M42
	12-567/B/C,	Mancal de biela	Connecting rod bearing	8136114(L)	ACBA 66 I	M42
	16-567DI, 16-645E	Mancal de biela	Connecting rod bearing	8354118(U)	GCBA 66 S	M42
	G8/12/18/22U/26U	Mancal de biela	Connecting rod bearing	8136114(L)	GCBA 66 I	M42
	SD12/18/38/40	Mancal radial	Radial bearing	8455844(U)	CCFA 48 S	M42
		Mancal radial	Radial bearing	8077810(L)	CCFA 48 I	M42
		Mancal radial	Radial bearing	8455862(U)	CCFA 49 S	M42
		Mancal radial	Radial bearing	8077811(L)	CCFA 49 I	M42
		Mancal radial	Radial bearing	8455856(U)	PCFA 18 S	M2
		Mancal radial	Radial bearing	8077813(L)	PCFA 18 I	M2
		Mancal radial	Radial bearing	8455850(U)	FCFA 46 S	M42
		Mancal radial	Radial bearing	8077812(L)	FCFA 46 I	M42
		Colar de encosto	Thrust collar	8028006	AAEB 08	M30
		Colar de encosto	Thrust collar	8028419	AAEB 09	M30
		Mancal de eixo comando	Camshaft radial bearing	8071149	DCF 82	M46
		Mancal de eixo comando	Camshaft thrust bearing	8070779	GCF 41F	M46
		Mancal de eixo comando	Camshaft radial bearing	8071176	GCFA 72	M8
		Mancal axial eixo comando	Camshaft thrust bearing	8253825	HCFA 91F	M2
		Mancal de eixo comando	Camshaft radial bearing	8237900	HCFA 69	M2
		Mancal de engrenagem	Gear bearing	8081391	GCF 71	M136
		Bloco de encosto	Thrust block	7498819	D-12685	M253
		Bucha de engrenagem	Gear bushing	8069155	GCF 62	M136
		Bucha de engrenagem	Gear bushing	8069157	GCF 72	M136
		Bucha de engrenagem	Gear bushing	8392348	HCF 01F	M136
		Bucha de engrenagem	Gear bushing	8261101	BACFA 52	M3
		Bucha de engrenagem	Gear bushing	8379914	HCF 26F	M136
		Mancal de soprador	Blower radial bearing	8206553	GCF 42	M21
		Bucha de soprador	Blower bushing	8039673	GCFA 91F	M8
		Bucha de soprador	Blower bushing	8369674	XCFA 62F	M8
		Bucha de soprador	Blower bushing	8369675	D-10201	M23
		Colar de encosto de soprador	Blower thrust collar	8028466	D-11185	M266
		Arruela encosto de soprador	Blower thrust washer	8069139	AAEB 94	M136
		Arruela encosto de soprador	Blower thrust washer	8166495	AAEB 96	M133
		Bucha de bomba de óleo	Oil pump bushing	8176030	GCFA 13	M8
		Bucha de bomba de óleo	Oil pump bushing	8221312	GCFA 14	M8
		Bucha de bomba de óleo	Oil pump bushing	8221318	GCFA 16	M8
		Bucha de bomba de óleo	Oil pump bushing	8028885	GCFA 31	M8
		Bucha de bomba de óleo	Oil pump bushing	8106723	GCFA 33	M8
		Bucha de bomba de óleo	Oil pump bushing	8029504	AACFA 24	M8
		Bucha de bomba de óleo	Oil pump bushing	8029491	AACFA 26	M8
		Bucha de bomba de óleo	Oil pump bushing	8084503	AACFA 27	M8
		Bucha de bomba de óleo	Oil pump bushing	8017806	DACFA 58	M42
		Bucha de bomba de óleo	Oil pump bushing	8318232	MACFA 19	M8
		Bucha de bomba				
		transferência	Transfer pump bushing	8107399	HCF 27	M30
		Bucha de governador	Governor bushing	8039671	ECFA 69F	M8
		Bucha de governador	Governor bushing	8039674	DACFA 02F	M8
		Bucha de bomba de lavagem	Scavenging pump bushing	8028883	GCFA 32	M8
		Bucha de bomba de lavagem	Scavenging pump bushing	8029461	GCFA 34	M8
		Bucha de bomba de lavagem	Scavenging pump bushing	8039667	GCFA 36F	M8
		Bucha de bomba de lavagem	Scavenging pump bushing	8039669	GCFA 37F	M8
		Bucha de bomba de lavagem	Scavenging pump bushing	8340485	MACFA 20	M8
		Bloco de encosto	Thrust block		D-12841	M253
	Série 53	Mancal de biela	Connecting rod bearing	5195929	ECBA 88	M2
		Bucha de biela	Connecting rod bushing	5116181	ACFA 19	M3

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MOTOR DIESEL - DIESEL ENGINE						
GENERAL MOTORS	Série 53	Mancal radial	Radial bearing	5195928	QCFA 82	M2
		Arruela de encosto	Thrust washer	5116197	AEA 73	M25
		Bucha de eixo comando	Camshaft bushing	5197921	SCFA 06	M45
		Bucha de eixo comando	Camshaft bushing	5197922	SCFA 07	M45
		Bucha de eixo comando	Camshaft bushing	5197923	SCFA 08	M45
	Série V53	Mancal de biela	Connecting rod bearing	5197975	ECBA 89	M2
		Mancal radial	Radial bearing	5195927	QCFA 83	M2
		Mancal radial	Radial bearing	5198410	SCFA 09	M2
		Arruela de encosto	Thrust washer	5199353	AEA 16	M25
		Bucha de engrenagem	Gear bushing	5196793	FACFA 09	M3
	Série 71	Mancal de biela	Connecting rod bearing	5192895	CBA 05	M2
		Bucha de biela	Connecting rod bushing	5157274B	ACFA 18	M3
		Mancal radial	Radial bearing	5192874	CFA 01	M2
		Bucha de eixo comando	Camshaft bushing	5192804	ACFA 42	M3
		Bucha de eixo comando	Camshaft bushing	5196022	CF 26	M21
		Bucha de eixo comando	Camshaft bushing	5153952	ACFA 33	M3
		Bucha de eixo comando	Camshaft bushing	5111423	ACFA 84	M3
		Mancal de eixo comando	Camshaft radial bearing	5196022	JCF 64	M21
		Mancal de eixo comando	Camshaft radial bearing	5196026	JCF 65	M21
		Anel de encosto	Thrust washer	5159353	BAEB 09	M193
	Série V71	Mancal de biela	Connecting rod bearing	5196320	ECBA 08	M2
		Mancal radial	Radial bearing	5196319	MCFA 78	M2
		Arruela de encosto	Thrust washer	5117005	AEB 07	M1
		Arruela de encosto	Thrust washer	5117005	AEA 87	M25
		Mancal de eixo comando	Camshaft radial bearing	5196026	HCF 34	M21
	110	Mancal de biela	Connecting rod bearing	5193516	CBA 62	M2
		Mancal radial	Radial bearing	5193511	CFA 64	M2
		Arruela de encosto	Thrust washer	5181936	AEA 03	M25
		Mancal de eixo comando	Camshaft radial bearing		ACF 71	M21
	12V149	Mancal de eixo comando	Camshaft radial bearing	5198547	GCBA 58	M2
		Inserto de pistão	Piston insert	5144991	EACFA 40	M42
		Inserto de pistão	Piston insert	8926153	EACFA 96	M42
		Mancal radial	Radial bearing	5198615	BACFA 16	M2
		Mancal radial	Radial bearing	5198616	BACFA 17	M2
		Mancal radial	Radial bearing	5149096	CACFA 12	M2
		Arruela de encosto	Thrust washer	5138992	AEA 88	M25
		Arruela de encosto	Thrust washer	5138992	BAEB 8	M56
		Bucha de levantador	Rocker arm bushing	5138644	EACFA 95	M3
		Bucha de levantador	Rocker arm bushing	5138370	EACFA 94	M3
		Mancal de eixo comando	Camshaft radial bearing	5140203	BACFA 43	M2
		Bucha	Bushing	5139586	EACFA 78	M192
		Arruela encosto de soprador	Blower thrust washer	5117258	BAEB 42	M3
		Arruela encosto de soprador	Blower thrust washer	5138984	BAEB 41	M3
		Bucha engrenagem soprador	Blower gear bushing		EACFA 79	M3
GMT	A420-8	Mancal de biela	Connecting rod bearing	505770/1(U)	HCBA 56 S	M42
		Mancal de biela	Connecting rod bearing	505769/2(L)	HCBA 56 I	M42
		Mancal radial	Radial bearing	505761/3(U)	GACFA 59 S	M42
		Mancal radial	Radial bearing	505760/2(L)	GACFA 59 I	M42
		Anel de encosto	Thrust washer	40573/74	BAEB 58	M234
	A420-12V	Mancal de biela	Connecting rod bearing	5044282/5	HCBA 17 I	M42
		Mancal de biela	Connecting rod bearing	5044283/4	HCBA 17 S	M42

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MOTOR DIESEL - DIESEL ENGINE

GMT	A420-12V	Mancal radial	Radial bearing	5044273(U)	EACFA 41 S	M42
		Mancal radial	Radial bearing	5044272(L)	EACFA 41 I	M42
		Anel de encosto	Thrust washer		BAEB 59	M234
		Bucha de engrenagem	Gear bushing		ICF 68F	M28
INGERSOLL RAND	S (525HP)	Mancal de biela	Connecting rod bearing		BCBA 71	M15
		Mancal radial	Radial bearing		FCFA 49	M15
	S – SS	Mancal de biela	Connecting rod bearing	2D-20743	CB 34	M21
		Mancal de biela	Connecting rod bearing		BCBA 64	M15
		Mancal radial	Radial bearing		ECFA 62	M15
ISUZU	DA 120-105	Mancal de biela	Connecting rod bearing		CCBA 88	M2
		Mancal radial	Radial bearing		JCFA 54	M2
		Mancal radial	Radial bearing		JCFA 56	M2
		Mancal axial	Thrust bearing		JCFA 57F	M2
	DA 640	Mancal de biela	Connecting rod bearing		HCBA 28	M2
		Mancal radial	Radial bearing		FACFA 31	M2
		Mancal radial	Radial bearing		FACFA 32	M2
KLOCKNER HUMBOLT DEUTZ	FL514, FM513, FM516	Mancal de biela	Connecting rod bearing	D0152.06.06.01/02	CBA 98F	M2
		Bucha de biela	Connecting rod bushing		JCFA 66	M3
		Bucha de biela	Connecting rod bushing		PCFA 93	M3
	AM428	Mancal de biela	Connecting rod bearing		ECBA 12F	M2
		Bucha de biela	Connecting rod bushing		NCFA 96	M3
		Mancal radial	Radial bearing		NCFA 09F	M8
		Mancal axial	Thrust bearing		NCFA 11F	M8
	A8M428	Mancal radial	Radial bearing		NACFA 79F	M8
		Mancal axial	Thrust bearing		NACFA 80F	M8
	BF6M716	Mancal de biela	Connecting rod bearing	C170.01.52.02V	HCBA 85	M2
		Mancal radial	Radial bearing		IACFA 63	M2
	BVM 536	Mancal de biela	Connecting rod bearing		FCBA 92F	M2
		Mancal radial	Radial bearing		DCFA 21F	M2
	FL310, FL410, FL410D, FL411D, FL411W	Mancal de biela	Connecting rod bearing	0141.06.02.07/08	CCBA 42	M2
		Mancal radial	Radial bearing		ICFA 01	M2
		Mancal radial	Radial bearing		ICFA 02	M2
		Mancal radial	Radial bearing		MCFA 86	M2
		Mancal radial	Radial bearing	141.01.28.73/74	SCFA 39	M2
	FL514, FM513, FM516	Mancal radial	Radial bearing	D0152.01.104.01	BCFA 54F	M2
		Mancal axial	Thrust bearing	D0152.01.104.51/52	EACFA 56F	M2
	FL 812, FL812S	Mancal de biela	Connecting rod bearing		ECBA 09	M2
		Bucha de biela	Connecting rod bushing	EO155.06.05.05	QCFA 13	M3
		Mancal radial	Radial bearing		MCFA 83	M2
		Mancal radial	Radial bearing	CO150.01.27.59/61	MCFA 84	M2
		Mancal radial	Radial bearing	DO155.01.47.76	MCFA 86	M2
		Anel de encosto	Thrust washer	EO155.01.27.91	AAEB 24	M3
		Bucha de eixo comando	Camshaft bushing	EO150.01.46.04	JCFA 46	M9
	FL911, FL912	Mancal de biela	Connecting rod bearing	CO155.06.03.04/65	ECBA 31	M2
		Bucha de biela	Connecting rod bushing	EO155.06.05.05	QCFA 13	M2

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MOTOR DIESEL - DIESEL ENGINE						
KLOCKNER HUMBOLT DEUTZ		Mancal radial	Radial bearing	CO150.01.27.59/61	MCFA 84	M2
		Mancal radial	Radial bearing	DO155.01.47.76	MCFA 86	M2
		Arruela de encosto	Thrust washer	2132166	AAEB 76	M1
		Arruela de encosto	Thrust washer	2131899	AAEB 77	M1
	VM545	Mancal de biela	Connecting rod bearing		ECBA 21F	M2
		Mancal de biela	Connecting rod bearing		ECBA 22F	M15
		Mancal de biela	Connecting rod bearing		FCBA 73F	M51
		Mancal radial	Radial bearing		NCFA 78F	M51
	WILLEME 517P	Mancal de biela	Connecting rod bearing		DCBA 53F	M1
		Mancal radial	Radial bearing		KCFA 78F	M1
		Mancal axial	Thrust bearing		KCFA 79F	M1
KOMATSU	4D210-1, S4D120-11	Mancal de biela	Connecting rod bearing	6110-30-3500	CCBA 91	M2
		Bucha de biela	Connecting rod bushing	6110-33-3120	EACFA 04	M3
		Mancal radial	Radial bearing	6110-20-8800	QCFA 01	M2
		Mancal radial	Radial bearing	6110-20-8900	QCFA 02	M2
		Mancal radial	Radial bearing	6110-20-8400	QCFA 03	M2
		Arruela de encosto	Thrust washer	6112-23-8610	AEA 76	M25
		Arruela de encosto	Thrust washer	6112-23-8710	AEA 77	M25
		Bucha de balancim	Balancer bushing	6110-23-1442	PCFA 99	M2
		Bucha de engrenagem	Gear bushing	6110-33-6120	EACFA 80	M3
		Bucha de eixo comando	Camshaft bushing	6110-23-1410	EACFA 81	M3
	4D155, S4D155, 6D155, S6D155	Mancal de biela	Connecting rod bearing	6127-31-3411/3421	GCBA 57	M2
		Bucha de biela	Connecting rod bushing	6127-31-3131	JACFA 68	M3
		Mancal radial	Radial bearing	6127-21-8111/8121	BACFA 02	M2
		Mancal radial	Radial bearing	6127-21-8211/8221	BACFA 03	M2
		Arruela de encosto	Thrust washer	6127-21-8511	AEA 84	M25
MAK	6M281AK	Mancal radial	Radial bearing		SACFA 23	M2
		Mancal axial	Thrust bearing		SACFA 24F	M2
MAN/MTU	ASL 25/30 (A), ASV 25/30(A)	Mancal de biela	Connecting rod bearing	X11.03069.0557/10	GCBA 12	M2
		Bucha de biela	Connecting rod bushing	E11.03068.022/5	XCFA 21	M3
		Mancal radial	Radial bearing	X11.02169.0749/2	SCFA 11	M2
		Mancal radial	Radial bearing	X11.02169.0957/2	XCFA 19	M2
		Arruela de encosto	Thrust washer	D11.02169.0748/1	AAEB 83	M1
		Arruela de encosto	Thrust washer	D11.02169.0956/1	AAEB 84	M1
	D2156/HMU-6, (Loc. Raba)	Mancal de biela	Connecting rod bearing	51.02410.6086/91	GCBA 22	M2
		Mancal radial	Radial bearing	51.01110.6254/6156	XCFA 63	M2
		Mancal axial	Thrust bearing	51.01111.6254/6156	XCFA 64F	M2
	GV 17,5/22A(A) MAR 530	Mancal de biela	Connecting rod bearing	D166049/103.14.16	CCBA 16F	M2
		Bucha de biela	Connecting rod bushing	D1225M.103.3	DCF 26	M30
		Mancal radial	Radial bearing	D159258/4.206.208	HCFA 06F	M2
		Mancal radial	Radial bearing	159258/4.211.213	HCFA 07F	M2
		Mancal radial	Radial bearing	D166342	MCFA 28F	M2
		Mancal axial	Thrust bearing	D159258/4.201.203	HCFA 08F	M2
		Bucha de eixo comando	Camshaft bushing	F11.01268.0010	NCFA 32	M1
	V 20/70	Bucha de biela	Connecting rod bushing		RACFA 95	M3
	GV 23,5/33A	Mancal de biela	Connecting rod bearing		ECBA 01F	M2
		Mancal de biela	Connecting rod bearing		D-10851	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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MOTOR DIESEL - DIESEL ENGINE

MAN/MTU	GV 23,5/33A	Bucha de biela	Connecting rod bushing	X11.03068.2002	PCFA 38	M53
		Mancal radial	Radial bearing		HCFA 98	M8
		Mancal axial	Thrust bearing		HCFA 99F	M8
		Mancal axial	Thrust bearing		MCFA 54F	M8
		Mancal radial	Radial bearing		MCFA 53	M8
		Bucha de levantador	Rocker arm bushing		FACFA 76	M2
		Mancal radial	Radial bearing		PCFA 58	M2
		Mancal axial	Thrust bearing		PCFA 59F	M2
		Mancal radial	Radial bearing	D11.02169.0077	PCFA 42	M2
		Mancal axial	Thrust bearing	D11.02169.0078	PCFA 43F	M2
		Mancal de biela	Connecting rod bearing	D11.03069.0078	ECBA 36	M2
	GV 28,5/42A, G8V/42 (A), GV 30/45 (A)	Bucha de biela	Connecting rod bushing		SCFA 58	M82
		Mancal de biela	Connecting rod bearing		CCBA 32F	M2
		Mancal de biela	Connecting rod bearing		GCBA 59	M2
		Mancal da tampa da biela	Conn. rod cap bearing		D-10127	M8
		Mancal radial	Radial bearing		HCFA 61	M15
		Mancal axial	Thrust bearing		HCFA 62F	M15
		Bucha de biela	Connecting rod bushing		MCFA 04	M3
		Bucha de levantador	Rocker arm bushing		ECF 52	M52
		Bucha de levantador	Rocker arm bushing		ECF 53	M52
		Bucha de biela	Connecting rod bushing		ICFA 74	M3
		Bucha de eixo comando	Camshaft bushing	E11.10269.0019	ZCFA 08	M2
	KZ 60/105 (P)	Arruela de encosto	Thrust washer	D-174771/22	AAEB 38	M61
		Mancal da capa da biela	Conn. rod cap bearing	D167101	D-10862	M19
	KZ 70/120 (P)	Mancal da capa da biela	Conn. rod cap bearing	B11.03053.0050	D-09865	M117
		Mancal radial	Radial bearing	D11.02169.0164	AACFA 87F	M117
		Mancal de cruzeta	Crosshead bearing	C11.03053.0051	D-10107	M140
		Mancal de eixo comando	Camshaft thrust bearing	E11.20169.0006	AACFA 88F	M140
	KZ70/125(P), KZ 70/125B (P), KSZ 70/125B (P)	Mancal de biela	Connecting rod bearing	C11.03069.0454-1/2	FCBA 96	M117
		Mancal de biela	Connecting rod bearing	C11.03069.0568	GCBA 54	M116
		Mancal de cruzeta	Crosshead bearing	C11.03069.0455	AACFA 92	M117
		Mancal de cruzeta	Crosshead bearing	C11.03069.0567	AACFA 89	M117
		Mancal radial	Radial bearing	C11.02169.0739	AACFA 93F	M117
		Mancal de bomba de combustível	Fuel pump bearing	C11.20169.0055	AACFA 91	M117
	L, V 20/27 (P)	Mancal de biela	Connecting rod bearing	D11.03069.0700	HCBA 36	M57
		Mancal de biela	Connecting rod bearing	D11.03069.1098/101	HCBA 37	M57
		Mancal radial	Radial bearing	D11.021069.1294/95	FACFA 81	M57
		Mancal radial	Radial bearing	D11.021069.1439/42	FACFA 82	M57
	RV 16/18(A), VV 16/18(A), MA6R362(A)	Mancal de biela	Connecting rod bearing	E11.03069.0272	ECBA 57	M2
		Mancal de biela	Connecting rod bearing	E11.03069.0333	FCBA 46	M57
		Mancal radial	Radial bearing	D11.02169.0538	PCFA 44	M2
		Mancal radial	Radial bearing	D11.02169.0538	VCFA 32	M57
		Mancal axial	Thrust bearing	D11.02169.0534	PCFA 46F	M2
		Bucha de biela	Connecting rod bushing	D 21435	ECF 39	M67
		Bucha de eixo comando	Camshaft bushing	F11.01268.0006	NCFA 48	M1
		Bucha de engrenagem	Gear bushing	F11.30068.0016	QCFA 39	M1
		Bucha de engrenagem	Gear bushing	F11.30068.0016	QCFA 41	M1
		Bucha de engrenagem	Gear bushing	F11.30068.0018	QCFA 42	M1
		Bucha de engrenagem	Gear bushing	F11.30068.0019	QCFA 68	M1
		Bucha de engrenagem	Gear bushing	F11.10068.0040	TCFA 82	M1
		Bucha de engrenagem	Gear bushing	F11.10068.0037	TCFA 83	M1

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR DIESEL - DIESEL ENGINE						
MAN/MTU	RV 22/30ATL(A)	Mancal de biela	Connecting rod bearing		FCBA 74F	M2
	RV 40/54, VV 40/54(P)	Mancal de biela	Connecting rod bearing	D11.03069.0008	GCBA 71	M2
		Bucha de biela	Connecting rod bushing	E11.11168.0001	QCFA 43	M4
		Mancal radial	Radial bearing	C11.02169.0010	BACFA 69	M2
		Mancal axial	Thrust bearing	C11.02169.0011	BACFA 71F	M2
MAYBACK/MTU	MB 820B / 836B, MB 493TZ	Mancal de biela	Connecting rod bearing	820.030.00.60	DCBA 92F	M2
		Mancal radial	Radial bearing	820.030.04.45	MCFA 06	M2
		Mancal axial	Thrust bearing	820.030.04.47	MCFA 07F	M2
	MB 836A	Mancal de biela	Connecting rod bearing	836.030.03.60	DCBA 91F	M2
MGO	V12, ASHR, (Loc. LEW BB S.3700)	Mancal de biela	Connecting rod bearing	DL 15210	ECBA 14	M42
		Mancal radial	Radial bearing	DL 12006	NCFA 19	M42
		Mancal radial	Radial bearing	DL 12007	NCFA 21	M42
		Mancal radial	Radial bearing	DL 12008	NCFA 22	M42
		Arruela de encosto	Thrust washer	DL 13326	AEB 43	M28
	V16, BSHR	Mancal radial	Radial bearing	DLT 55214	EACFA 09	M42
		Mancal radial	Radial bearing	DLT 55215	EACFA 10	M42
MITSUBISHI	JB16VA	Mancal radial	Radial bearing		FACFA 48	M35
		Mancal axial bomba d'água	Water pump thrust bearing	C204275-13.14	JACFA 73F	M35
		Mancal axial bomba d'água	Water pump thrust bearing	C204275-15.16	JACFA 74F	M35
		Mancal axial bomba d'água	Water pump thrust bearing	C204275-13.14	JCF 36F	M242
		Mancal axial bomba d'água	Water pump thrust bearing	C204275-15.16	JCF 37F	M242
MTU	8V-396TC51	Mancal de biela	Connecting rod bearing	550.038.00.10	GCBA 13	M57
		Mancal de biela	Connecting rod bearing	550.038.00.10	GCBA 23	M2
		Bucha de biela	Connecting rod bushing		EACFA 37	M3
		Mancal radial	Radial bearing		ZCFA 57	M2
		Bucha de levantador	Rocker arm bushing		HCF 36	M30
MWM	D232, D233, G232, G233, TD232, TD233, TBD232, TBD233, V232, V233	Mancal de biela	Connecting rod bearing	6.232.0.430.600.7	ECBA 19	M2
		Mancal radial	Radial bearing	6.232.0.430.001.7	NCFA 34	M2
		Arruela de encosto	Thrust washer	6.232.0.340.007.4	AAEB 32	M3
	D/TD/TDB440 D/TD/TDB441	Mancal de biela	Connecting rod bearing	6.440.0.430.601.7	GCBA 34	M2
		Mancal de biela	Connecting rod bearing		GCBA 26	M2
		Bucha de biela	Connecting rod bushing	6.440.0.431.002.4	FACFA 24	M3
		Mancal radial	Radial bearing	6.440.0.430.001.7	XCFA 94	M2
		Mancal radial	Radial bearing		ZCFA 98	M2
	RHS418D,V	Mancal de biela	Connecting rod bearing	3.415.0.430.600.4/610.4	CBA 46F	M2
		Mancal radial	Radial bearing	3.415.0.430.100.4/110.4	ACFA 28	M2
		Mancal radial	Radial bearing	3.415.0.430.400.4/410.4	ACFA 29F	M2
	RHS435	Mancal de biela	Connecting rod bearing		GCBA 42F	M2
		Mancal radial	Radial bearing		AACFA 09	M2
		Mancal axial	Thrust bearing		AACFA 11F	M2
		Mancal de biela	Connecting rod bearing	474608	GCBA 43F	M2
		Mancal radial	Radial bearing	474016	AACFA 12	M2
		Mancal axial	Thrust bearing	474406	AACFA 13F	M2

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
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MOTOR DIESEL - DIESEL ENGINE

MWM	TBRHS345A	Mancal de biela	Connecting rod bearing	6.500.8.430.617.7	GCBA 36	M2
		Mancal radial	Radial bearing	6.500.0.430.011.7	ZCFA 74	M2
		Mancal axial	Thrust bearing	6.500.0.430.421.7	ZCFA 99F	M2
		Bucha de levantador	Rocker arm bushing	6.500.0.443.200.14	BACFA 53	M3
		Mancal de eixo comando	Camshaft radial bearing	6.500.0.432.807.4	HACFA 18	M1
	TBD501	Mancal de biela	Connecting rod bearing		HCBA 40	M42
	TD602	Mancal de biela	Connecting rod bearing	601.600.4	GCBA 56	M2
		Mancal radial	Radial bearing	602.122.4/602.132.4	BACFA 01	M2
		Bucha de biela	Connecting rod bushing		NACFA 82	M3
		Mancal radial	Radial bearing		GACFA 43	M2
	SPRINT 4.07T	Mancal de biela	Connecting rod bearing	940784300217	ICBA 93	M2
		Mancal radial	Radial bearing	940704300027	RACFA 52	M2
		Bucha de biela	Connecting rod bushing	940704310014	RACFA 53	M3
		Arruela de encosto	Thrust washer	940703400037	CAEB 28	M1
NORMO	LSMC8(A)	Mancal de biela	Connecting rod bearing	2807-03/04	FCBA 67	M2
		Mancal radial	Radial bearing		ACFA 47	M2
PAXMAN	6 CSRKM	Mancal de biela	Connecting rod bearing	P.4275.1204	ECBA 87	M2
		Mancal radial	Radial bearing	P.405M.1319	QCFA 78	M2
		Mancal radial	Radial bearing	P.405M.1320	QCFA 79	M2
		Mancal axial	Thrust bearing	P.405M.1321	QCFA 81F	M2
	12RPHC2MK7	Mancal de biela	Connecting rod bearing	RPH3580/6SX	FCBA 11	M2
		Mancal de biela	Connecting rod bearing	RPH14151/2	FCBA 12	M2
		Mancal radial	Radial bearing	RPH17814-AP1/AP2	RCFA 91	M2
		Mancal radial	Radial bearing	RPH17815-AP1/AP2	RCFA 92	M2
		Mancal radial	Radial bearing	RPH17813-AP1/AP2	RCFA 93	M2
PERKINS	3.144, 3.152 4.192, 4.203	Mancal de biela	Connecting rod bearing	31131171	BCBA 04	M2
		Bucha de biela	Connecting rod bushing	0050119	GCFA 99	M3
		Mancal radial	Radial bearing	31122411/21	PCFA 26	M2
		Mancal radial	Radial bearing	31121261	PCFA 27	M2
		Mancal radial	Radial bearing	31123331	PCFA 28	M2
		Arruela de encosto	Thrust washer	0920849	AEB 81	M2
		Bucha de eixo comando	Camshaft bushing	31134119	MCFA 79	M3
	D4.203	Mancal de biela	Connecting rod bearing	31131171	BCBA 04	M2
		Bucha de biela	Connecting rod bushing	0050119	GCFA 99	M3
		Mancal radial	Radial bearing	31122411/21	PCFA 26	M2
		Mancal radial	Radial bearing	31121261	PCFA 27	M2
		Mancal radial	Radial bearing	31123331	PCFA 28	M2
		Bucha de eixo comando	Camshaft bushing	31134119	MCFA 79	M3
	4.212, 4.236, 4.248, 6.354	Mancal de biela	Connecting rod bearing	31126311	ECBA 17	M2
		Bucha de biela	Connecting rod bushing	31134123	PCFA 39	M3
		Mancal radial	Radial bearing	31126381/91	NCFA 28	M2
		Mancal radial	Radial bearing	31126361/71	NCFA 29	M2
		Arruela de encosto	Thrust washer	31137311/21	AAEB 31	M3
	4.300, 4.318	Mancal de biela	Connecting rod bearing	0050348	BCBA 61	M2
		Bucha de biela	Connecting rod bushing	0050128	GCFA 98	M3
		Mancal radial	Radial bearing	31126381/91	NCFA 28	M2

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR DIESEL - DIESEL ENGINE						
PERKINS	4.300, 4.318	Mancal radial	Radial bearing	31126361/71	NCFA 29	M2
		Arruela de encosto	Thrust washer	31137231/41	AAEB 07	M3
		Arruela de encosto	Thrust washer	31137311/21	AAEB 31	M3
	6.340, 6.357	Mancal de biela	Connecting rod bearing	0050314/70050015	ACBA 16	M2
		Bucha de biela	Connecting rod bushing	0050128	GCFA 98	M3
		Mancal radial	Radial bearing	0050310/13 -7000016/17	ECFA 43	M2
		Mancal radial	Radial bearing	0050311/12 -0050018/19	ECFA 44	M2
		Arruela de encosto	Thrust washer	0921318/9	AEB 62	M3
		Arruela de encosto	Thrust washer	0920709/737	AEB 23	M3
		Arruela de encosto	Thrust washer	70920049/50	AAEB 36	M3
		Mancal de biela	Connecting rod bearing	31132201	FCBA 53	M2
	V8-510	Mancal radial	Radial bearing	31126401	TCFA 79	M2
		Mancal radial	Radial bearing	31127271	TCFA 81	M2
		Arruela de encosto	Thrust washer	31137371	AAEB 59	M3
SEMP PIELSTICK	PC2(A)	Mancal de biela	Connecting rod bearing	0071111/121	FCBA 97	M2
		Mancal radial	Radial bearing	003351/61	VCFA 39	M2
		Mancal axial	Thrust bearing	0033251/261	VCFA 41F	M2
		Mancal de eixo comando	Camshaft radial bearing	011355	VCFA 42	M17
		Mancal de eixo comando	Camshaft radial bearing	011323	VCFA 43	M17
		Bucha de engrenagem	Gear bushing	0111111	VCFA 44F	M86
	PC2-5V.400	Mancal axial bomba auxiliar	Auxiliary pump thrust brg	0331.8	VCFA 46F	M86
STORK	ARO213(A)	Mancal radial	Radial bearing		KCFA 41	M51
		Mancal radial	Radial bearing		UCFA 82	M2
		Mancal radial	Radial bearing		JCFA 36	M2
	ARO218(A)	Mancal de biela	Connecting rod bearing		CCBA 69F	M2
		Bucha de biela	Connecting rod bushing		ECF 99	M30
		Tampa de biela	Bearing		D-08731	M15
		Mancal radial	Radial bearing		ICFA 97	M51
		Mancal radial	Radial bearing		RCFA 97	M2
		Mancal axial	Thrust bearing		ICFA 98F	M51
		Mancal axial	Thrust bearing		RCFA 98F	M2
		Mancal radial	Radial bearing		ICFA 99	M51
		Mancal radial	Radial bearing		RCFA 99	M2
SULZER/ SULZER WEISE	AH-25(A)	Mancal de biela	Connecting rod bearing		FCBA 16	M2
		Bucha de biela	Connecting rod bushing	5F-114-12	ACFA 78	M3
		Mancal radial	Radial bearing	X11.02169.0749/2	SCFA 11	M2
	BAF-36(A)	Mancal de biela	Connecting rod bearing		FCBA 56F	M51
	2BAF 29	Mancal de biela	Connecting rod bearing	1486.78ST	HCBA 74F	M220
		Mancal radial	Radial bearing		D-11905	M8
		Mancal axial	Thrust bearing		D-10860	M8
	BAH-22(A)	Mancal de biela	Connecting rod bearing		ECBA 27F	M51
		Bucha de biela	Connecting rod bushing		SCFA 01	M3
		Mancal axial	Thrust bearing		NCFA 73F	M51
		Mancal radial	Radial bearing		NCFA 72	M51
	RD56(P)	Mancal de biela	Connecting rod bearing	331-2006	D-10878	M15
		Mancal axial eixo comando	Camshaft thrust bearing		UCFA 27F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR DIESEL - DIESEL ENGINE						
SULZER/ SULZER WEISE	RD56(P)	Mancal axial eixo comando	Camshaft thrust bearing		UCFA 28F	M15
		Mancal axial eixo comando	Camshaft thrust bearing		ACFA 86F	M15
	RND-56(P)	Mancal de cruzeta	Crosshead bearing		D-10879	M15
	RD-68(P)	Mancal radial	Radial bearing	732.0130.001	QCFA 97F	M47
	RD-90(P)	Mancal de biela	Connecting rod bearing		D-10801	M15
		Mancal de biela	Connecting rod bearing		D-10800	M15
		Mancal radial	Radial bearing		D-09957	M15
		Mancal radial	Radial bearing		QCFA 34	M47
		Bucha de válvula rotativa	Rotating valve bushing		XCFA 66F	M15
		Bucha de válvula rotativa	Rotating valve bushing		DCFA 22F	M15
		Mancal de cruzeta	Crosshead bearing	7361455	D-10880	M15
		Mancal de cruzeta	Crosshead bearing	319C118GR2	D-11216	M15
	6VD25SD(A)	Mancal de biela	Connecting rod bearing		HCBA 47F	M15
		Mancal radial	Radial bearing		GACFA 13	M15
		Mancal axial	Thrust bearing		GACFA 14F	M15
THERMO KING	C 201	Mancal de biela	Connecting rod bearing		ICBA 51	M2
		Mancal radial	Radial bearing		MACFA 60	M2
		Mancal radial	Radial bearing		MACFA 61	M2
		Mancal radial	Radial bearing		MACFA 62	M2
	DI 2.2	Mancal de biela	Connecting rod bearing		ICBA 92	M2
		Mancal radial	Radial bearing		RACFA 31	M2
WAUKESHA	F2895D/G	Mancal de biela	Connecting rod bearing	200010	HCBA 48	M196
	F3520G, F3521G	Mancal radial	Radial bearing	200022E	GACFA 29	M196
	L5100D/G, L5108D/G, L5788D/G,	Mancal radial	Radial bearing	200025E	GACFA 30	M196
	DS/DU/ GR	Anel de encosto	Thrust washer	153031	BAEB 53	M30
	L5790DG,	Mancal de eixo comando	Camshaft radial bearing	2000027	GACFA 31	M15
	L7040G, L7042G	Mancal de eixo comando	Camshaft radial bearing	200050	GACFA 32	M15
	VLR série	Mancal de biela	Connecting rod bearing	205010G	HCBA 63	M196
	P9390	Mancal radial	Radial bearing	200022E	GACFA 29	M15
		Mancal radial	Radial bearing	200025E	GACFA 30	M15
WORTHINGTON	SDH-6	Mancal de biela	Connecting rod bearing		ACBA 91F	M2
		Mancal axial	Thrust bearing		DCFA 43F	M2
		Mancal radial	Radial bearing		DCFA 44F	M2
	SEH-8	Mancal de biela	Connecting rod bearing		ACB 73	M28
		Mancal radial	Radial bearing		JCF 32	M28
	SW14-VEE16	Mancal radial	Radial bearing	510475 AE1	ICF 57	M209
		Mancal radial	Radial bearing	510475 AF1	ICF 58	M209
		Mancal radial	Radial bearing	510475 AG2	ICF 59	M209
		Anel de encosto	Thrust washer	510477D1	BAEB 56	M210

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR ELÉTRICO - ELECTRIC MOTOR						
ABB	DMBY	Mancal axial	Thrust bearing		SACFA 44	M15
AEG	56269/4 1750 KW	Mancal radial	Radial bearing		FACFA 70	M19
ALLIS CHALMERS	AN WM/1500HP	Mancal radial	Radial bearing		DCF 93F	M63
ANSALDO	CD 505B	Mancal radial	Radial bearing		KCF 15F	M212
ASEA	MA 1106/1400HP	Mancal radial	Radial bearing		DACFA 73	M15
BROWN BOVERI	MJHC184 20HP	Mancal radial	Radial bearing		IACFA 52	M15
	MSLI234KO	Mancal radial	Radial bearing		IACFA 53	M15
	MJHC222/940 HP	Mancal radial	Radial bearing		D-08574	M15
	MJHCY 222	Mancal radial	Radial bearing		QACFA 98F	M37
	MJHB 222CX	Mancal radial	Radial bearing		NACFA 85F	M19
	OWGH 600Eb2	Mancal axial	Thrust bearing		MACFA 21F	M19
	QWG-560-KA4-387	Mancal radial	Radial bearing		QACFA 77	M19
		Mancal radial	Radial bearing		QACFA 78	M19
	RQ.OG 500HP	Mancal radial	Radial bearing		ZCFA 23	M19
		Mancal radial	Radial bearing		IACFA 11	M19
		Mancal radial	Radial bearing		NACFA 11	M19
	SRG.800.K84	Mancal radial	Radial bearing		GACFA 77	M119
		Mancal radial	Radial bearing		GACFA 78	M119
CROCKER WHEELER	SW25	Mancal radial	Radial bearing	357778	MCFA 97	M17
		Mancal radial	Radial bearing	343974	KACFA 86	M17
	SW50	Mancal radial	Radial bearing	343948-50	MCFA 96	M17
		Mancal radial	Radial bearing		MCFA 99	M17
	SW75	Mancal radial	Radial bearing	343991	MCFA 98	M17
		Mancal axial	Thrust bearing		MCFA 94	M17
EQUACIONAL	74 KW-400V	Mancal radial	Radial bearing		MACFA 83	M17
		Mancal radial	Radial bearing		MACFA 84	M17
	90 KW-440V	Mancal radial	Radial bearing		MACFA 89	M17
		Mancal radial	Radial bearing		MACFA 90	M17
	EMCI-315 ESP	Mancal radial	Radial bearing		RACFA 15	M17
	EMCI-315MQ ESP	Mancal radial	Radial bearing		RACFA 70	M17
		Mancal radial	Radial bearing		RACFA 71	M17
F. L. SMIDTH	MAL 1407	Anel de encosto	Thrust washer		BAEB 82	M15
FUJI	AVGM351	Mancal radial	Radial bearing		GACFA 53	M183

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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MOTOR ELÉTRICO - *ELECTRIC MOTOR*

GENERAL ELECTRIC	125HP - 440V	Mancal axial	Thrust bearing		GACFA 81F	M15
	200HP - 440V	Mancal axial	Thrust bearing		EACFA 59F	M15
	400HP	Mancal radial	Radial bearing		EACFA 72	M15
	500HP	Mancal radial	Radial bearing		EACFA 14	M19
	750HP	Mancal radial	Radial bearing		CCFA 92F	M15
	1000HP	Mancal radial	Radial bearing	GE 1302996	AACFA 73	M8
	1250HP	Mancal radial	Radial bearing	GE 1413423	AACFA 74	M8
		Mancal radial	Radial bearing		HACFA 11	M207
		Mancal radial	Radial bearing		KACFA 56	M207
		Mancal radial	Radial bearing		KACFA 57	M207
	9000HP	Mancal radial	Radial bearing	GE 1413460	AACFA 76	M8
		Mancal radial	Radial bearing	GE 1413461	AACFA 77	M8
	8000	Mancal radial	Radial bearing	328A053	MCFA 36F	M15
		Mancal radial	Radial bearing		KACFA 82	M175
	8000K	Mancal radial	Radial bearing		FACFA 67	M8
		Mancal axial	Thrust bearing		HACFA 71F	M15
	8200	Mancal radial	Radial bearing	328A050	XCFA 93	M15
	8210	Mancal radial	Radial bearing		DACFA 18	M19
	8211S	Mancal axial	Thrust bearing		IACFA 90F	M15
	8411	Mancal radial	Radial bearing		SACFA 56F	M17
		Mancal radial	Radial bearing		SACFA 57F	M17
	8600	Mancal radial	Radial bearing	B34C40125	AACFA 78F	M8
		Mancal radial	Radial bearing	B34C540124	AACFA 79F	M8
	82667	Mancal radial	Radial bearing		KACFA 41	M15
	5K - 400V	Mancal axial	Thrust bearing	228A033	XCFA 68F	M15
	5K811054C13	Mancal axial	Thrust bearing		ACFA 22F	M15
	5K815529B1	Mancal radial	Radial bearing		JCF 14F	M212
	5K811042C3	Mancal axial	Thrust bearing	328A049	IACFA 80F	M15
	5K821052A32	Mancal axial	Thrust bearing		IACFA 06	M175
		Mancal radial	Radial bearing		LACFA 74	M15
	5K821166A28	Mancal axial	Thrust bearing		LACFA 81F	M15
	5K83115702, 1000HP	Mancal radial	Radial bearing	540091-1	AACFA 36F	M15
		Mancal radial	Radial bearing		AACFA 37F	M15
		Mancal radial	Radial bearing		NCFA 97F	M15
		Mancal radial	Radial bearing		KACFA 42F	M15
		Mancal radial	Radial bearing	540090-1	BACFA 76F	M15
		Mancal radial	Radial bearing		KACFA 81F	M15
		Mancal radial	Radial bearing		KACFA 85F	M15
		Mancal radial	Radial bearing			
	B5K8110, TEFC46A1	Labirinto	Labyrinth		D-12176	M21
	B5K8110, B17/18	Mancal radial	Radial bearing		KACFA 52F	M15
	B5K8155B37	Mancal radial	Radial bearing		LACFA 12F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR ELÉTRICO - ELECTRIC MOTOR						
GENERAL ELECTRIC	DC560/112	Mancal radial	Radial bearing		FACFA 84F	M15
	27TS, Série 270048	Mancal radial	Radial bearing		BCFA 24	M 8
	28.4002.211	Mancal axial	Thrust bearing		SACFA 45F	M19
	290394	Mancal radial	Radial bearing	NB4092	DACFA 64	M15
	291R135 / 500.879	Mancal axial	Thrust bearing		LACFA 75F	M17
	291R205G1	Mancal radial	Radial bearing	C540058-1	MCFA 77F	M91
		Mancal radial	Radial bearing	C540057-1	ZCFA 49F	M91
		Mancal radial	Radial bearing		HACFA 50F	M91
		Mancal radial	Radial bearing		HACFA 51F	M91
		Mancal radial	Radial bearing		HACFA 52F	M91
		Mancal radial	Radial bearing		HACFA 53F	M91
	133-1500Ma1-1	Mancal radial	Radial bearing		XCFA 11	M15
GEVISA	900HP, 3300V Série ZMH283002420	Mancal axial	Thrust bearing		QACFA 79	M35
HITACHI	EFLU-1150KW	Mancal radial	Radial bearing		D-10867	M35
		Mancal radial	Radial bearing		D-10868	M35
	EFLU-2550KW	Mancal radial	Radial bearing		D-10866	M35
		Labirinto	Labyrinth		D-10865	M3
	EFU	Mancal axial	Thrust bearing		LACFA 27F	M35
	500 MC 3.1	Mancal radial	Radial bearing		RACFA 07	M9
MARELLI	230VDC	Mancal axial	Thrust bearing		CACFA 37F	M19
		Mancal axial	Thrust bearing		CACFA 38F	M19
		Mancal axial	Thrust bearing		CACFA 65F	M19
		Mancal axial	Thrust bearing		CACFA 66F	M19
SIEMENS	1TC4137/6BF06-Z	Mancal axial	Thrust bearing		IACFA 87	M239
	1TM3734	Mancal axial	Thrust bearing		KACFA 06	M240
SW	CS-2-28-13	Mancal axial	Thrust bearing		JCF 33	M120
TOSHIBA	40HP	Mancal radial	Radial bearing	K-700-7700	VCFA 88F	M110
		Mancal axial	Thrust bearing		LACFA 41F	M35
	350HP	Mancal radial	Radial bearing	HK-748-050	AACFA 96	M86
	450HP	Mancal radial	Radial bearing	EP-213310	D-10909	M17
		Mancal radial	Radial bearing	EP-213317	D-10910	M17
	1200HP	Mancal radial	Radial bearing	P-727145A	NCFA 61	M17
	1250HP	Mancal radial	Radial bearing	P-1081234	D-10902	M17
		Mancal radial	Radial bearing	P-1081222	D-10903	M17
		Mancal radial	Radial bearing	P-1081221	D-10904	M17
		Mancal radial	Radial bearing	P-1081223	D-10905	M17
		Mancal radial	Radial bearing			

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MOTOR ELÉTRICO - ELECTRIC MOTOR						
TOSHIBA	1350HP	Mancal axial	Thrust bearing		D-10916	M142
		Mancal radial	Radial bearing		D-10917	M142
	2250 HP	Mancal axial	Thrust bearing		RACFA 24	M35
	2450 HP	Mancal axial	Thrust bearing		QACFA 09	M183
	4000HP-DC	Mancal radial	Radial bearing	ET-2183289	D-10906	M17
	4400HP	Mancal radial	Radial bearing	T-19702	D-10911	M35
		Mancal radial	Radial bearing		KACFA 66	M35
		Mancal radial	Radial bearing		MACFA 12	M35
	5000HP-DC	Arruela de encosto	Thrust washer	EP-2133854	D-10907	M35
	5500HP	Mancal radial	Radial bearing	ET-2182400	DCFA 98	M35
		Mancal radial	Radial bearing	ET-2182401	DCFA 99	M35
	160 GA 1	Mancal radial	Radial bearing	T-1F410619	XCFA 37	M15
		Mancal radial	Radial bearing	R-1G410618	XCFA 38	M15
	1350 KW	Mancal axial	Thrust bearing		KACFA 61F	M15
		Mancal axial	Thrust bearing		KACFA 67F	M15
	MIKT	Mancal axial	Thrust bearing		IACFA 88	M19
		Mancal axial	Thrust bearing		LACFA 63F	M110
		Mancal axial	Thrust bearing		LACFA 64F	M110
	SB110DB	Mancal radial	Radial bearing		EACFA 69F	M17
	TIKE	Mancal axial	Thrust bearing		KACFA 17F	M35
		Mancal axial	Thrust bearing		KACFA 18F	M35
	SB 117-D6	Mancal axial	Thrust bearing		PACFA 69F	M17
		Mancal axial	Thrust bearing		PACFA 70F	M17
	50MC31	Mancal axial	Thrust bearing		PACFA 91F	M11
		Mancal axial	Thrust bearing		PACFA 92F	M11
VILLARES	HS, HX	Mancal axial	Thrust bearing		SACFA 01	M17
		Mancal radial	Radial bearing		SACFA 33	M17
		Mancal radial	Radial bearing		SACFA 34	M17
		Mancal radial	Radial bearing		SACFA 35	M17
WEG	150 KW, 3300V,	Mancal radial	Radial bearing		LACFA 85	M19
		Mancal radial	Radial bearing		LACFA 86	M19
	MFG 400D	Mancal axial	Thrust bearing		QACFA 41	M15
WESTINGHOUSE	DSDP	Mancal axial	Thrust bearing		KACFA 87F	M8
	CS F/A	Mancal radial	Radial bearing		SACFA 03	M19
YASKAWA	BDT	Mancal axial	Thrust bearing		EACFA 73	M35
		Mancal radial	Radial bearing		CACFA 93	M35
	HEK	Mancal axial	Thrust bearing		IACFA 30	M30
	SMED-O	Mancal axial	Thrust bearing		PACFA 47F	M183

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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MOTOR ELÉTRICO - *ELECTRIC MOTOR*

YASKAWA	TET	Mancal axial	<i>Thrust bearing</i>	831907	FACFA 50	M35
	400HP	Mancal axial	<i>Thrust bearing</i>		D-10914	M35
		Mancal radial	<i>Radial bearing</i>		RACFA 25	M37
	2700HP	Mancal radial	<i>Radial bearing</i>		QACFA 27F	M35
	7100HP	Mancal axial	<i>Thrust bearing</i>		RACFA 49	M183
		Mancal axial	<i>Thrust bearing</i>		RACFA 50	M183

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
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MULTIPLICADOR DE VELOCIDADE - SPEED INCREASER

BHS	28	Mancal radial	Radial bearing		PACFA 94	M15
	Cincinatti	Mancal radial	Radial bearing	514008901	SACFA 06	M15
		Mancal radial	Radial bearing	513509801	SACFA 07	M15
BHS CINCCINATTI	AD31,5	Sapata radial	Radial shoe bearing		D-13102	M15
		Sapata radial	Radial shoe bearing		D-13103	M15
		Sapata radial	Radial shoe bearing		D-13104	M15
		Sapata radial	Radial shoe bearing		D-13101	M15
GENERAL ELECTRIC	S231-BH	Mancal radial lado do pinhão	High speed radial bearing		CACFA 85	M15
		Mancal radial lado da coroa	Low speed radial bearing		CACFA 86	M15
LUFKIN	N504C	Mancal radial lado do pinhão	High speed radial bearing	C 84672B	DCFA 24	M15
		Mancal radial lado do pinhão	High speed radial bearing		IACFA 70	M15
		Mancal radial lado do pinhão	High speed radial bearing		HACFA 93	M15
		Mancal radial lado do pinhão	High speed radial bearing		HACFA 96	M15
		Mancal axial lado da coroa	Low speed thrust bearing		HACFA 92F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		HACFA 95F	M15
		Mancal axial	Thrust bearing		LACFA 71F	M15
	N800C	Mancal radial lado do pinhão	High speed radial bearing	CM 84866	CACFA 87	M15
		Mancal radial lado do pinhão	High speed radial bearing	C 84866	CACFA 44	M15
		Mancal axial lado da coroa	Low speed thrust bearing	CM 84865	CACFA 88F	M15
		Mancal axial lado da coroa	Low speed thrust bearing	C 84865	CACFA 45F	M15
	N1404C	Mancal radial lado do pinhão	High speed radial bearing	C 84370	CACFA 89	M15
		Mancal radial lado do pinhão	High speed radial bearing	C 84370/1	CACFA 90	M15
		Mancal radial lado do pinhão	High speed radial bearing		IACFA 17	M15
		Mancal radial	Radial bearing		KACFA 35	M15
		Mancal axial lado da coroa	Low speed thrust bearing	C 86835	CACFA 91F	M15
		Mancal axial lado da coroa	Low speed thrust bearing	C 101743	CACFA 92F	M15
MAAG	GN19	Mancal axial lado da coroa	Low speed thrust bearing		DCFA 07F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		DCFA 08F	M15
		Mancal axial lado do pinhão	High speed thrust bearing		UCFA 66F	M15
		Mancal axial lado do pinhão	High speed thrust bearing		UCFA 67F	M15
MITSUBISHI	03.04.GK.1	Mancal radial	Radial bearing		SCFA 71F	M15
		Mancal radial	Radial bearing		SCFA 72F	M15
		Mancal axial	Thrust bearing		SCFA 74F	M15
	03.04.GK.1	Mancal axial	Thrust bearing		SCFA 76F	M15
		Pino de planetária	Planetary wheel pin		D-08826	M15
		Pino de planetária	Planetary wheel pin		D-08827	M15
PHILADELPHIA	Nihil	Mancal axial	Thrust bearing	50280-1426	PACFA 41F	M15
		Mancal axial	Thrust bearing	50280-1427	PACFA 42F	M15
		Mancal axial	Thrust bearing	50280-1424	PACFA 43F	M15
		Mancal axial	Thrust bearing	50280-1425	PACFA 44F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
MULTIPLICADOR DE VELOCIDADE - SPEED INCREASER						
RENK	TA-45X	Sapata axial	Thrust shoe bearing		SAA 42	M208
		Sapata axial	Thrust shoe bearing		SAA 43	M208
		Sapata axial	Thrust shoe bearing		SAA 44	M208
		Sapata axial	Thrust shoe bearing		SAA 45	M208
	PA 40P	Mancal radial	Radial bearing		QACFA 48	M19
		Mancal axial	Thrust bearing		QACFA 49F	M19
	TA-45X	Mancal radial	Radial bearing	4101	SACFA 08	M15
		Mancal radial	Radial bearing	4102	SACFA 09	M15
		Mancal radial	Radial bearing	4301	SACFA 10	M15
		Mancal radial	Radial bearing	4302	SACFA 11	M15
RWT	18" CRS	Mancal axial lado da coroa	Low speed thrust bearing	WD806/0093/0169	GACFA 45F	M15
		Mancal radial	Radial bearing		LACFA 17F	M15
		Mancal radial	Radial bearing		LACFA 19F	M15
SAUER	M203E	Mancal axial lado da coroa	Low speed thrust bearing		HACFA 74F	M15
		Mancal radial lado do pinhão	High speed radial bearing		HACFA 75	M15
		Mancal radial lado do pinhão	High speed radial bearing		HACFA 76	M15
TACKE	NHG225A	Mancal axial lado da coroa	Low speed thrust bearing	5480	DACFA 21F	M19
		Mancal axial lado da coroa	Low speed thrust bearing	5481	DACFA 22F	M19
		Mancal axial lado do pinhão	High speed thrust bearing	5500	DACFA 20	M19
	THG22-SB	Mancal radial	Radial bearing		KACFA 12	M110
		Mancal axial	Thrust bearing		KACFA 13F	M110
TERRY	QM1	Mancal axial lado da coroa	Low speed thrust bearing	E 3993-31	KACFA 14F	M19
		Mancal axial lado da coroa	Low speed thrust bearing	E 3993-36	KACFA 15F	M19
		Mancal radial lado do pinhão	High speed radial bearing	E 3993-52	KACFA 16	M19
VOITH	AD25, N540PS	Mancal axial	Thrust bearing		HACFA 80F	M19
		Mancal axial	Thrust bearing		HACFA 81F	M19
		Mancal radial	Radial bearing		HACFA 82	M19
	H 14788	Mancal axial	Thrust bearing		QACFA 60F	M19
		Mancal radial	Radial bearing		QACFA 58	M19
WESTERN	13011X	Mancal radial	Radial bearing		EACFA 15	M15
	4111-HSA	Mancal radial lado do pinhão	High speed radial bearing		HACFA 21	M15
		Mancal radial lado da coroa	Low speed radial bearing		HACFA 22	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
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REDUTOR DE VELOCIDADE - SPEED REDUCER

BABCOCK	KV 2500	Sapata axial	Thrust shoe bearing		AEEK 55	M117
BHS	28	Mancal radial	Radial bearing		PACFA 94	M15
		Mancal radial	Radial bearing		NACFA 55	M15
		Retentor	Sealing		D-12737	M30
		Sapata radial	Radial shoe bearing		D-12740	M15
		Sapata radial	Radial shoe bearing		D-12741	M15
		Sapata radial	Radial shoe bearing	51077872-1	D-12807	M15
		Retentor	Sealing	51069552-2	D-12827	M30
	36	Mancal axial	Thrust bearing		QACFA 31F	M208
		Mancal radial	Radial bearing		QACFA 32	M15
	TG 32	Mancal axial lado do pinhão	High speed thrust bearing		DACFA 11F	M8
		Mancal axial lado da coroa	Low speed thrust bearing		GACFA 11F	M8
		Mancal axial	Thrust bearing		NACFA 24F	M8
	TG 36	Sapata axial	Thrust shoe bearing		BEEK 71	M208
		Sapata axial	Thrust shoe bearing		BEEK 72	M208
		Sapata axial	Thrust shoe bearing		BEEK 73	M208
		Mancal axial oscilante	Tilting pad thrust bearing		NACFA 56F	M208
		Sapata radial	Radial shoe bearing	51069552-1	D-12830	M15
		Sapata radial	Radial shoe bearing		D-12831	M15
		Sapata radial	Radial shoe bearing		D-12832	M15
		Sapata radial	Radial shoe bearing		D-12833	M15
		Mancal radial	Radial bearing		QACFA 10F	M15
		Mancal radial	Radial bearing		PACFA 45F	M15
		Anel de selagem	Sealing ring		D-13174	M30
COMELOR	CVO230	Mancal radial	Radial bearing		BCFA 21F	M15
	CVO280	Mancal radial	Radial bearing		BCFA 22F	M15
	GA 905/5	Mancal axial	Thrust bearing		QACFA 61F	M15
	GAT208	Mancal axial lado da coroa	Low speed thrust bearing		IACFA 10F	M15
		Mancal axial lado do pinhão	High speed thrust bearing		JACFA 39F	M15
		Mancal axial lado do pinhão	High speed thrust bearing		TCFA 51F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		TCFA 52F	M15
	GVAH550	Mancal axial lado do pinhão	High speed thrust bearing		JACFA 21F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		JACFA 49F	M15
	GVO230	Mancal axial lado do pinhão	High speed thrust bearing		JACFA 37F	M15
	GVO280	Mancal axial lado do pinhão	High speed thrust bearing		IACFA 64F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		IACFA 97F	M15
	4 x 10	Mancal radial	Radial bearing		ICF 42F	M28
		Mancal radial	Radial bearing		ICF 43F	M28
	10,5 x 27	Mancal axial	Thrust bearing		KACFA 43F	M15
		Mancal axial	Thrust bearing		KACFA 44F	M15
DAVID BROWN	Nihil	Sapata axial	Thrust shoe bearing	BR2897020 GB100094	SAA 60	M280

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
REDUTOR DE VELOCIDADE - SPEED REDUCER						
ELLIOTT	B1	Mancal radial	Radial bearing	625674-3	DACFA 97	M17
FACHINI	AFSTO-16/LX	Mancal axial lado do pinhão	High speed thrust bearing		EACFA 27F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		EACFA 28F	M15
	AGTH-20LX	Mancal axial lado do pinhão	High speed thrust bearing		HACFA 32F	M19
FALK	1050Y	Mancal radial	Radial bearing		QACFA 99	M15
	1050 YPA	Mancal radial	Radial bearing	5320813 / 5320814	LACFA 43	M15
		Mancal radial	Radial bearing	5321010 / 5321011	LACFA 57	M15
		Mancal radial	Radial bearing	5320811 / 5320812	LACFA 94	M15
		Mancal radial	Radial bearing		LACFA 97	M15
	1060 YPA	Mancal radial	Radial bearing		LACFA 97	M15
		Mancal radial	Radial bearing		LACFA 97	M15
	1080 YPA	Mancal radial	Radial bearing	5320755 / 5320756	LACFA 44	M15
		Mancal radial	Radial bearing	5320731 / 5320730	LACFA 45	M15
	1080, 1100, 1110 YPA	Mancal radial	Radial bearing		LACFA 46	M15
		Mancal radial	Radial bearing		LACFA 46	M15
	1090 YPA	Mancal radial	Radial bearing	820791 ^a	FACFA 64	M15
		Mancal radial	Radial bearing	5.320.807/808	HACFA 26	M15
		Mancal radial	Radial bearing	5320777A / 5320778A	LACFA 47	M15
	1100 YPA	Mancal radial	Radial bearing	5220373	SCFA 12	M15
		Mancal radial	Radial bearing	5221401	SCFA 13	M15
		Mancal radial	Radial bearing	5221970	SCFA 81	M15
		Mancal radial	Radial bearing	5321061 / 5321062	LACFA 48	M15
	1100, 1125 YPA	Mancal radial	Radial bearing	5321059 / 5321060	LACFA 49	M15
	1110 YPA	Mancal radial	Radial bearing	5221821	SCFA 14	M15
	1125 YPA	Mancal radial	Radial bearing	5321190 / 5321191	LACFA 50	M15
	1145 YPA	Mancal radial	Radial bearing	5321194 / 5321195	LACFA 51	M15
		Mancal radial	Radial bearing	5321196 / 5321197	LACFA 52	M15
	Nihil	Mancal radial	Radial bearing	5320771 / 5320772	LACFA 53	M15
		Mancal radial	Radial bearing	5321049 / 5321048	LACFA 54	M15
		Mancal radial	Radial bearing	5320773 / 5320774	LACFA 55	M15
		Mancal radial	Radial bearing	5320809 / 5320810	LACFA 56	M15
FARREL	V-601-2	Mancal radial	Radial bearing		QCFA 52	M4
		Mancal radial	Radial bearing		QCFA 74	M4
HASEGAWA	RT-1204 RT-1205	Mancal axial lado do pinhão	High speed thrust bearing		VCFA 59F	M35
		Mancal axial lado do pinhão	High speed thrust bearing		VCFA 61F	M35
		Mancal axial lado da coroa	Low speed thrust bearing		VCFA 62F	M35
		Mancal axial lado da coroa	Low speed thrust bearing		VCFA 63F	M35
KKK	CF8GS	Mancal axial lado do pinhão	High speed thrust bearing	150.20.01	ZCFA 92F	M15
		Mancal axial lado do pinhão	High speed thrust bearing	150.20.03	ZCFA 94F	M15
		Mancal axial lado da coroa	Low speed thrust bearing	150.20.05	ZCFA 96F	M15
		Mancal axial lado da coroa	Low speed thrust bearing	150.20.07	ZCFA 93F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL
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REDUTOR DE VELOCIDADE - SPEED REDUCER

LOHMANN	1953	Mancal radial	Radial bearing		CACFA 99	M8
LUFKIN	N1600B	Mancal radial lado do pinhão	High speed radial bearing	C 22453	MCFA 87	M15
		Mancal axial lado da coroa	Low speed thrust bearing	C 70920	MCFA 88F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		HACFA 48F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		HACFA 49F	M15
	N3000C	Mancal axial lado da coroa	Low speed thrust bearing	CM 089015	CFA 38F	M15
	NM85B	Mancal radial lado do pinhão	High speed radial bearing	CM 31384	TCFA 58	M15
	NM161H	Mancal radial lado do pinhão	High speed radial bearing	C 38071	FACFA 35	M15
MESSIAN / M. DEDINI / COPPUS	D-400-1	Mancal axial	Thrust bearing	320132	UCFA 24F	M15
		Mancal radial	Radial bearing	320133	UCFA 26F	M15
	D-400-1(2Y)	Mancal axial	Thrust bearing	320134	VCFA 34F	M15
	D-400-1Y	Mancal axial	Thrust bearing	320150	VCFA 37F	M15
		Mancal radial	Radial bearing	318721	UCFA 21F	M15
	D400-2Y	Mancal axial	Thrust bearing	320151	UCFA 19F	M15
		Mancal radial	Radial bearing	318719	UCFA 22F	M15
	D-450(1Y)	Mancal axial	Thrust bearing	320168	UCFA 23F	M15
		Mancal radial	Radial bearing	320169	VCFA 36F	M15
	200x80	Mancal radial	Radial bearing		ACFA 79F	M15
MITSUBISHI	750-901113	Mancal radial lado do pinhão	High speed radial bearing		GACFA 96	M15
		Mancal axial lado da coroa	Low speed thrust bearing		GACFA 97F	M15
		Mancal radial lado da coroa	Low speed radial bearing		GACFA 98	M15
		Mancal axial lado da coroa	Low speed thrust bearing		JACFA 77F	M15
		Mancal axial lado da coroa	Low speed thrust bearing		JACFA 78F	M15
OSAKA	SDN0380	Mancal axial lado do pinhão	High speed thrust bearing		ECFA 03F	M35
		Mancal axial lado da coroa	Low speed thrust bearing		DCFA 56F	M35
		Mancal axial lado da coroa	Low speed thrust bearing		DCFA 57F	M35
	SRD340	Mancal axial lado da coroa	Low speed thrust bearing		XCFA 87F	M35
		Mancal axial lado da coroa	Low speed thrust bearing		XCFA 88F	M35
	SRD3255	Mancal axial lado do pinhão	High speed thrust bearing		ECFA 28F	M35
	SRD3256.02	Mancal axial lado do pinhão	High speed thrust bearing		ECFA 29F	M35
	SRD3403	Mancal axial lado da coroa	Low speed thrust bearing		DCFA 34F	M35
		Mancal axial lado da coroa	Low speed thrust bearing		DCFA 36F	M35
RENK ZANINI	AG 2x140	Mancal axial lado do pinhão	High speed thrust bearing		CACFA 14F	M19
		Mancal axial lado da coroa	Low speed thrust bearing		CACFA 15F	M19
		Mancal axial lado da coroa	Low speed thrust bearing		CACFA 16F	M19
	BD 140	Mancal radial lado do pinhão	High speed radial bearing		JACFA 83	M15
		Mancal radial lado da coroa	Low speed radial bearing		JACFA 84	M15
		Mancal axial intermediário	Medium speed thrust brg		JACFA 85F	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
REDUTOR DE VELOCIDADE - SPEED REDUCER						
RENK ZANINI	BG 140	Mancal radial	Radial bearing		JACFA 86	M19
		Mancal radial	Radial bearing		JACFA 87	M19
		Mancal radial	Radial bearing		JACFA 88	M19
		Mancal axial	Thrust bearing		JACFA 89F	M19
	BG 16C	Mancal radial	Radial bearing	10.00768/2	QACFA 83	M19
		Mancal radial	Radial bearing	10.00769/2	QACFA 84	M19
		Mancal radial	Radial bearing	10.00770/2	QACFA 85F	M19
	BHZ-4470	Mancal axial lado do pinhão	High speed thrust bearing		GACFA 23F	M8
		Mancal axial intermediário	Medium speed thrust brg		GACFA 24F	M8
		Mancal axial lado da coroa	Low speed thrust bearing		GACFA 25F	M8
	PA-40	Mancal radial	Radial bearing		CFA 36	M19
		Mancal axial	Thrust bearing		CFA 37F	M19
		Pino de planetária	Planetary pin		D-10741	M19
	RMS TA 22h	Mancal axial	Thrust bearing		JACFA 90F	M19
		Mancal axial	Thrust bearing		JACFA 91F	M19
	SDTA 28	Mancal axial lado da coroa	Low speed thrust bearing		JACFA 92	M19
		Mancal axial lado da coroa	Low speed thrust bearing		JACFA 93F	M19
		Mancal radial lado do pinhão	High speed radial bearing		JACFA 94	M19
		Mancal radial	Radial bearing		JACFA 95	M19
	SDTA 36	Mancal axial lado da coroa	Low speed thrust bearing		JACFA 96F	M19
		Mancal radial lado do pinhão	High speed radial bearing		JACFA 97	M19
		Mancal radial lado da coroa	Low speed radial bearing		JACFA 98	M19
	SDTA 40	Mancal axial lado da coroa	Low speed thrust bearing		JACFA 99F	M19
		Mancal radial lado da coroa	Low speed radial bearing		KACFA 01	M19
		Mancal radial lado do pinhão	High speed radial bearing		KACFA 02	M19
	SDTA 40N	Mancal radial	Radial bearing		QACFA 68	M19
		Mancal radial	Radial bearing		QACFA 69	M19
		Mancal radial	Radial bearing		QACFA 70F	M19
	SDTA 50	Mancal radial lado da coroa	Low speed radial bearing		CACFA 19	M19
	SHZ 4064	Mancal axial lado da coroa	Low speed thrust bearing		KACFA 03F	M8
		Mancal axial lado da coroa	Low speed thrust bearing		KACFA 04F	M8
	TA-50N	Mancal radial	Radial bearing		CACFA 18	M19
		Mancal axial	Thrust bearing		CACFA 17F	M19
		Mancal radial	Radial bearing		BACFA 93	M19
	TA-36N	Mancal radial	Radial bearing		NACFA 49	M19
	TAD-360n	Mancal axial lado do pinhão	High speed thrust bearing	180971/0092	GACFA 26F	M15
		Mancal axial lado da coroa	Low speed thrust bearing	180971/0245	GACFA 27F	M15
SAUER	M130	Mancal axial	Thrust bearing		IACFA 61F	M8
	M150	Mancal radial	Radial bearing		LACFA01F	M19
	M230	Mancal axial lado da coroa	Low speed thrust bearing		IACFA 03F	M19
		Mancal axial lado do pinhão	High speed thrust bearing		IACFA 04F	M19
	M300	Mancal axial	Thrust bearing		MACFA 07F	M19
	M430	Mancal radial	Radial bearing		QACFA 73F	M8

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
REDUTOR DE VELOCIDADE - SPEED REDUCER						
SAUER	M605	Mancal axial lado do pinhão	High speed thrust bearing		HACFA 10F	M8
		Mancal axial lado da coroa	Low speed thrust bearing		KACFA 05F	M8
		Mancal axial	Thrust bearing		PACFA 90F	M8
		Mancal radial	Radial bearing		PACFA 28	M8
SHARPLIS	P 47,5	Bucha	Bushing		SACFA 41	M3
TERRY	O-170HP	Mancal radial	Radial bearing		XCFA 22	M15
		Mancal radial	Radial bearing		XCFA 23	M15
	XAM GS2	Mancal radial	Radial bearing		HACFA 91	M19
VOITH	AH-35, KH-42,5	Mancal axial	Thrust bearing		KACFA 19F	M91
		Mancal radial	Radial bearing		KACFA 20F	M91
		Mancal radial	Radial bearing		KACFA 21	M91
		Mancal radial	Radial bearing		KACFA 22	M91
		Mancal axial	Thrust bearing		KACFA 23F	M91
		Anel de encosto	Thrust washer		D-12231	M91
	BH-35	Mancal axial	Thrust bearing		ZCFA 47F	M91
		Mancal radial	Radial bearing		ZCFA 48	M91
		Mancal radial	Radial bearing		ZCFA 86F	M91
		Mancal radial	Radial bearing		ICF 48	M30
WORTHINGTON	BB6	Mancal axial lado da corca	Low speed thrust bearing	B.58067-102	RCFA 34F	M15
		Mancal axial lado do pinhão	High speed thrust bearing		CF 96F	M28
	E4	Mancal axial lado do pinhão	High speed thrust bearing		D-11606	M15
		Mancal axial lado da coroa	Low speed thrust bearing		D-11607	M15
	FF8	Mancal axial	Thrust bearing		KACFA 32F	M15
		Mancal radial	Radial bearing		KACFA 33F	M15
	J3	Mancal axial	Thrust bearing		PACFA 08F	M15
		ZANINI-ATLAS	CAZ50		Mancal radial	Radial bearing
Mancal axial	Thrust bearing			FACFA 72F	M8	
CAZ75	Mancal radial		Radial bearing	FACFA 73	M8	
	Mancal radial		Radial bearing	FACFA 74F	M8	
HS40	Mancal radial		Radial bearing	KACFA 27	M8	
	Mancal axial		Thrust bearing	KACFA 28F	M8	

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
RETÍFICA DE CILINDROS - CYLINDERS GRINDER						
HERKULES	WS 450/600x5500	Sapata radial	Radial shoe bearing	184909	D-13226	M262
		Sapata radial	Radial shoe bearing	184910	D-13227	M262
		Sapata radial	Radial shoe bearing	B.5280.MX.05467	D-13228	M262
		Sapata radial	Radial shoe bearing	B.5280.MX.05468	D-13229	M262
		Sapata radial	Radial shoe bearing	185226	D-13260	M262
TOSHIBA	KWA 1050B	Sapata radial	Radial shoe bearing		D-12854	M265
		Sapata radial	Radial shoe bearing		D-12855	M265
	KWA 1660B	Sapata radial	Radial shoe bearing		D-13371	M265
		Sapata radial	Radial shoe bearing		D-13372	M265
WALDRICH SIEGEN	WS2A100/25, WS2A1200	Mancal axial	Thrust bearing		LACFA 88	M35
		Mancal axial	Thrust bearing		LACFA 89	M35
	WS 3CP	Sapata radial	Radial shoe bearing		D-13340	M281
		Sapata radial	Radial shoe bearing		D-13341	M281
		Sapata radial	Radial shoe bearing		D-13342	M281
		Sapata radial	Radial shoe bearing		D-13343	M281
	WS 5CD	Sapata radial	Radial shoe bearing		D-13296	M265
		Sapata radial	Radial shoe bearing		D-13297	M265
		Sapata radial	Radial shoe bearing		D-13298	M265
		Sapata radial	Radial shoe bearing		D-13299	M265

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
SOPRADOR - BLOWER						
EBARA	DM-P9	Labirinto	Labyrinth		D-10223	M152
		Labirinto	Labyrinth		D-10224	M152
	D29M	Mancal radial	Radial bearing		EACFA 21	M35
		Mancal radial	Radial bearing		HACFA 47	M35
	11SMP	Mancal radial	Radial bearing		EACFA 23	M176
		Labirinto	Labyrinth		D-12440	M35
750 x 700 HTBM	Labirinto	Labyrinth		D-11901	M91	
750x700 TMB	Mancal radial	Radial bearing		QACFA 21F	M268	
ELLIOTT	P	Mancal radial	Radial bearing	832716-1	ZCFA 82	M15
	P66H	Sapata axial	Thrust shoe bearing		AEEK 86	M134
	P90H	Mancal radial	Radial bearing	822602-6	JACFA 59	M15
	80P	Mancal axial	Thrust bearing	824015-15	MA 03	M15
		Sapata axial	Thrust shoe bearing		SAA 03	M15
		Placa niveladora superior	Leveling plate		PNS 01	M272
Placa niveladora inferior		Leveling plate		PNI 01	M272	
GEMA	1615H36	Mancal radial	Radial bearing		CACFA 67	M15
	1615L25	Mancal radial	Radial bearing	132317(U)	CACFA 68 S	M15
		Mancal radial	Radial bearing	132318(L)	CACFA 68 I	M15
		Mancal radial	Radial bearing		CACFA 69 S	M15
		Mancal radial	Radial bearing		CACFA 69 I	M15
HAMADA	MB-GH-150-4	Mancal axial	Thrust bearing		KACFA 59F	M15
		Mancal axial	Thrust bearing		KACFA 60F	M15
		Mancal radial	Radial bearing		KACFA 58F	M15
		Mancal radial	Radial bearing		KACFA 63F	M15
HIGROTEC	DIDW-3D2	Mancal radial	Radial bearing		ZCFA 91	M15
NIPPON STEEL	Nihil	Mancal axial	Thrust bearing		RACFA 99F	M15
SCHIELE	R091/10000KP	Mancal radial	Radial bearing		GACFA 33F	M19
		Mancal axial	Thrust bearing		GACFA 34F	M19

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
ABB	T40	Mancal radial	Radial bearing	SACFA 16F	M19	
		Mancal radial	Radial bearing	SACFA 17F	M19	
	V63	Mancal radial	Radial bearing	SACFA 36	M19	
		Mancal radial	Radial bearing	SACFA 37	M19	
AEG KANIS	A50	Mancal radial	Radial bearing	JACFA 40F	M19	
		Mancal axial oscilante	Tilting pad thrust bearing	D-12197	M19	
		Mancal radial	Radial bearing	JACFA 41F	M19	
		Sapata axial	Thrust shoe bearing	BEEK 47	M19	
	G16-18567	Sapata axial	Thrust shoe bearing	AEEK 65	M161	
		Sapata axial	Thrust shoe bearing	AEEK 66	M161	
		Sapata axial	Thrust shoe bearing	AEEK 67	M161	
		Sapata axial	Thrust shoe bearing	AEEK 68	M161	
	G25K	Mancal axial	Thrust bearing	JACFA 45F	M19	
	G50	Mancal axial	Thrust bearing	CACFA 07F	M19	
	G202	Sapata axial	Thrust shoe bearing	AEEK 71	M161	
		Sapata axial	Thrust shoe bearing	AEEK 72	M161	
	GT32	Mancal radial lado do pinhão	High speed radial bearing	FACFA 98F	M19	
		Mancal axial lado do pinhão	High speed thrust bearing	FACFA 99F	M19	
		Arruela encosto lado pinhão	High speed thrust washer	BAEB 51	M161	
		Mancal axial lado da coroa	Low speed thrust bearing	GACFA 01F	M19	
		Mancal radial lado da coroa	Low speed radial bearing	GACFA 02F	M19	
	GT40	Mancal radial lado do pinhão	High speed radial bearing	GACFA 03F	M19	
		Mancal axial lado do pinhão	High speed thrust bearing	GACFA 04F	M19	
		Arruela encosto lado pinhão	High speed thrust washer	BAEB 52	M19	
		Mancal radial lado da coroa	Low speed radial bearing	DACFA 05F	M19	
		Mancal axial lado da coroa	Low speed thrust bearing	GACFA 06F	M19	
		Mancal axial	Thrust bearing	EACFA 07F	M19	
		Mancal axial	Thrust bearing	GACFA 07F	M19	
	GT40S	Mancal axial	Thrust bearing	DACFA 09	M19	
		Mancal axial	Thrust bearing	DACFA 10	M19	
	GT50	Mancal radial lado do pinhão	High speed radial bearing	DACFA 07F	M19	
		Mancal axial lado do pinhão	High speed thrust bearing	DACFA 08F	M19	
		Arruela encosto lado pinhão	High speed thrust washer	BAEB 32	M161	
		Mancal axial lado da coroa	Low speed thrust bearing	JACFA 42F	M19	
	KR25	Bucha de regulador	Governor bushing	D-10864	M15	
		Bucha de válvula	Emergency valve bushing	ICF 47F	M21	
		Sapata axial	Thrust shoe bearing	AEEK 69	M161	
		Sapata axial	Thrust shoe bearing	AEEK 70	M161	
		Mancal axial	Thrust bearing	JACFA 47	M19	
		Mancal axial	Thrust bearing	JACFA 48	M19	
		Mancal radial	Radial bearing	FACFA 96F	M19	
	T25	Mancal axial	Thrust bearing	JACFA 46F	M19	
	V20.8	Labirinto	Labyrinth	D-12849	M21	
	V32-18560	Sapata axial	Thrust shoe bearing	AEEK 61	M161	
		Sapata axial	Thrust shoe bearing	AEEK 62	M161	
		Sapata axial	Thrust shoe bearing	AEEK 63	M161	
		Sapata axial	Thrust shoe bearing	AEEK 64	M161	

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
AEG KANIS	VE50	Mancal radial	Radial bearing		FACFA 97F	M19
	Z	Mancal radial	Radial bearing		DACFA 06F	M19
		Mancal axial	Thrust bearing		CACFA 21F	M19
	Z40	Mancal radial	Radial bearing		DACFA 84F	M19
	Z50/63	Mancal radial	Radial bearing		DACFA 04F	M19
	Z80	Mancal axial	Thrust bearing		CACFA 09F	M19
ASEA	9000KW	Sapata axial	Thrust shoe bearing	2127017-A	BEEK 30	M174
ASEA BROWN BOVERI	HV 20	Mancal axial	Thrust bearing		QACFA 56F	M19
ATLAS	C-400-T	Mancal radial	Radial bearing	1634-028	CCFA 96F	M15
		Mancal axial	Thrust bearing	1634-029	CCFA 97F	M15
BORSIG	DEK 1180 D	Mancal axial oscilante	Tilting pad thrust bearing		D-12069	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-12070	M15
		Sapata axial	Thrust shoe bearing		BEEK 40	M15
		Sapata axial	Thrust shoe bearing		BEEK 41	M15
		Sapata axial	Thrust shoe bearing		BEEK 42	M15
		Sapata axial	Thrust shoe bearing		BEEK 43	M15
BROWN BOVERI	VGT 75R	Labirinto	Labyrinth		D-11406	M21
	Z 55.2	Mancal axial	Thrust bearing	1.41.4662.01.2	LACFA 77F	M15
		Mancal radial	Radial bearing		MACFA 51F	M15
COOPER	TR 48	Sapata radial	Radial shoe bearing	207B13101	SRA 01	M15
		Sapata radial	Radial shoe bearing	204B715101	SRA 02	M15
DEAN HILL	DH20, DH30	Mancal axial	Thrust bearing		DCF 23	M28
		Mancal radial	Radial bearing		BCF 61	M28
		Mancal axial	Thrust bearing		BCF 62	M28
		Mancal radial	Radial bearing		GACFA 38	M15
		Mancal radial	Radial bearing		HCF 61	M28
		Mancal axial	Thrust bearing		HCF 62	M28
	DH25	Mancal axial	Thrust bearing		HCF 33	M28
		Mancal radial	Radial bearing		ICF 55	M28
DE LAVAL	GJMV	Sapata axial	Thrust shoe bearing	PM-1025A	EEK 52	M15
		Sapata radial	Radial shoe bearing	AF-395A	D-10139	M15
	GJMV-DV	Sapata radial	Radial shoe bearing	GP-395M	D-10140	M15
		Sapata axial	Thrust shoe bearing	PM-1031AB	AEEK 32	M15
	KJDF	Sapata axial	Thrust shoe bearing	PM-1026H	EEK 42	M15
		Sapata radial	Radial shoe bearing	GP-395R	D-10143	M15
ELLIOTT	2AYR, BYR	Mancal radial	Radial bearing	624943-5/6	PCFA 47	M15
		Mancal radial	Radial bearing		FCF 79	M28

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
ELLIOTT	2AYR, BYR	Mancal radial	Radial bearing		FCF 81	M28
		Mancal radial	Radial bearing		KACFA 90	M15
	BYR	Mancal radial	Radial bearing		SACFA 47	M15
	BYR-HPG	Mancal radial	Radial bearing		CACFA 48	M15
	CHH	Labirinto	Labyrinth		D-11573	M21
	2CYR	Mancal radial	Radial bearing	672452-1/625781-6	XCFA 53	M15
	DYR, DYRM, DYRPG	Mancal radial	Radial bearing		XCFA 08	M15
		Mancal radial	Radial bearing		CACFA 84	M15
		Mancal radial	Radial bearing	824615-1/2	UCFA 54	M15
		Mancal radial	Radial bearing	Y625781	XCFA 17	M15
	2DYR	Mancal radial	Radial bearing	635050-3 / 636592-3	ZCFA 87	M15
	2EPG	Labirinto	Labyrinth	876900-81	D-11197	M21
		Labirinto	Labyrinth	672348-7	D-11198	M21
	2EPG3	Mancal radial	Radial bearing	603360-23	PCFA 94	M15
		Anel de encosto	Thrust washer	629878-5	D-10732	M15
		Anel de encosto	Thrust washer	629877-5	D-10733	M15
		Anel de encosto	Thrust washer	629879-5	D-10810	M15
		Anel de encosto	Thrust washer	671807-5	BAEB 48	M15
		Anel de encosto	Thrust washer	671808-5	BAEB 49	M15
		Anel de encosto	Thrust washer	629878	CAEB 10	M15
	FBHDG	Mancal radial	Radial bearing	603360-42 / 603360-91	UCFA 53	M15
		Mancal radial	Radial bearing	603360-42 / 693780-03	ZCFA 42	M15
	SBHPG4-3	Sapata radial	Radial shoe bearing	680263-6	D-11402	M15
		Sapata radial	Radial shoe bearing	664209-22	D-11403	M15
		Sapata axial	Thrust shoe bearing		AEEK 48	M15
		Sapata axial	Thrust shoe bearing	605992-34	AEEK 49	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11392	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11394	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11399	M15
	SEPG-5, SBPG-5	Mancal radial	Radial bearing	603360-42 / 693780-04	CCFA 24	M15
		Sapata axial	Thrust shoe bearing		BEEK 52	M15
		Sapata axial	Thrust shoe bearing		BEEK 92	M15
		Sapata axial	Thrust shoe bearing	652759-11	BEEK 93	M15
		Mancal axial	Thrust bearing	652759-15	NACFA 76	M15
		Sapata axial	Thrust shoe bearing		D-12945	M15
		Sapata axial	Thrust shoe bearing		EEK 66	M15
	SQOV8-DF	Mancal radial	Radial bearing		AACFA 71	M15
		Mancal radial	Radial bearing		AACFA 72	M15
	SRV4-4	Sapata axial	Thrust shoe bearing		AEEK 57	M15
		Sapata axial	Thrust shoe bearing	605992-7	AEEK 58	M15
		Sapata axial	Thrust shoe bearing		AEEK 59	M15
		Labirinto	Labyrinth		D-13245	M37
	2SNV10	Sapata radial	Radial shoe bearing		D-11180	M15
		Sapata radial	Radial shoe bearing	606369-9	D-11179	M15
		Mancal radial oscilante	Tilting pad radial bearing		D-11225	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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TURBINA - TURBINE

FICANTIERI	F 63	Mancal radial	Radial bearing		LACFA 95	M110
		Mancal axial	Thrust bearing		LACFA 96	M110
FIVES LILLE	60A x 3600	Mancal radial	Radial bearing	5941/75	CCF 99F	M28
		Mancal radial	Radial bearing	5941/86	CCF 69F	M28
		Mancal axial	Thrust bearing		JCF 02F	M28
		Mancal radial	Radial bearing		JCF 23F	M28
		Mancal axial	Thrust bearing		KCF 30F	M177
	60AX	Mancal radial	Radial bearing		KACFA 89F	M15
	350HP	Mancal radial	Radial bearing	5940/75	CCF 71F	M28
		Mancal axial	Thrust bearing	5940/86	CCF 74F	M28
FUJI	64090G1	Mancal radial	Radial bearing	KD69040G1-162	DACFA 87	M110
		Mancal radial	Radial bearing	KD69040G1-212	DACFA 88	M110
		Mancal radial	Radial bearing	KD69040G1-212A	DACFA 89	M110
		Mancal radial	Radial bearing	KD69040G1-262	FACFA 17	M110
		Sapata axial	Thrust shoe bearing		AEEK 79	M17
GENERAL ELECTRIC	DP20	Mancal axial	Thrust bearing		FACFA 68F	M15
		Mancal axial	Thrust bearing		HACFA 54F	M15
	DP20/DP25	Mancal radial	Radial bearing	101C173AA1	QCFA 56	M15
		Mancal axial	Thrust bearing	101C174AD3	QCFA 57F	M15
		Anel de encosto	Thrust washer		D-10157	M15
		Anel de encosto	Thrust washer		D-12424	M15
	DOR-125	Mancal radial	Radial bearing		FACFA 61F	M15
	DOV-1301	Labirinto	Labyrinth	845368BB	D-09706	M141
		Labirinto	Labyrinth	134B429FE	D-09707	M141
	DRXM	Labirinto	Labyrinth	134B429FB-1	D-11509	M198
		Labirinto	Labyrinth	B900B32D09.B.031	D-11551	M198
		Labirinto	Labyrinth	B900B32D09.A.031	D-11552	M198
		Labirinto	Labyrinth	B900B36K12.A.044	D-11553	M198
		Labirinto	Labyrinth	134B417.CYP31	D-11554	M198
		Labirinto	Labyrinth	101C329.AA.37	D-11555	M198
		Labirinto	Labyrinth	134B416.DX.6	D-11556	M198
		Labirinto	Labyrinth	134B416.CX.31	D-11557	M198
		Labirinto	Labyrinth	B900D40K22.A-75	D-11558	M198
		Labirinto	Labyrinth	B900D40J71.3055	D-11559	M198
		Labirinto	Labyrinth	B900D48J07A050	D-11560	M198
		Labirinto	Labyrinth	101C329AA51	D-11561	M198
	FTDRY 8525R68	Mancal radial	Radial bearing	101C173RFI	PCFA 56	M15
		Mancal radial	Radial bearing	101C103DX4	PCFA 57	M15
	GEK 15544	Bucha de governador	Governor bushing	101C174CB	EACFA 91F	M15
		Anel de encosto	Thrust washer	C300.795	D-10698	M15
		Anel de encosto	Thrust washer	C300.796	D-10699	M15
		Sapata radial	Radial shoe bearing	C320.160-1	D-10700	M15
		Sapata radial	Radial shoe bearing	C320.211-1	D-10701	M15
		Sapata radial	Radial shoe bearing		D-12878	M15
		Sapata radial	Radial shoe bearing		D-12970	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
GENERAL ELECTRIC	MS 3000	Mancal radial	Radial bearing	319C118G22	DACFA 55	M15
		Mancal radial	Radial bearing	319C177	EACFA 08	M15
	TDPY, 120R110	Anel de encosto	Thrust washer	101C174ACG1	BAEB 78	M15
	7TDPY120R83	Mancal radial	Radial bearing		MCFA 31	M19
	7DRY-G25R28	Anel de encosto	Thrust washer		CAEB 21	M15
	7TDRY325R15	Mancal radial	Radial bearing	101C1173BB1	TCFA 67	M15
		Arruela de encosto	Thrust washer		D-09267	M15
		Arruela de encosto	Thrust washer		D-09268	M15
	12650KW	Anel de encosto	Thrust washer		BAEB 18	M19
		Anel de encosto	Thrust washer		BAEB 19	M19
		Mancal radial	Radial bearing	743C868-1	FACFA 04	M15
		Mancal radial	Radial bearing	752C589-1	FACFA 05	M15
		Mancal radial	Radial bearing	745C199-1	FACFA 06	M15
		Mancal axial	Thrust bearing	36B546918	FACFA 07F	M15
		Mancal axial	Thrust bearing	36B546919	FACFA 08F	M15
	50 MW	Anel de encosto	Thrust washer		BAEB 97	M254
GREENBAT	23C/RW	Mancal radial	Radial bearing		JACFA 60F	M19
		Mancal axial	Thrust bearing		JACFA 61F	M19
	560/DC	Sapata axial	Thrust shoe bearing		AEEK 35	M28
	800R/DC	Mancal radial	Radial bearing	5300449	RCFA 62F	M19
		Mancal radial	Radial bearing		GACFA 41F	M91
		Sapata axial	Thrust shoe bearing		BEEK 17	M15
		Sapata axial	Thrust shoe bearing		CEEK 36	M177
		Sapata axial	Thrust shoe bearing		CEEK 37	M177
		Mancal axial oscilante	Tilting pad thrust bearing		D-11896	M15
	520537	Mancal axial	Thrust bearing	F63-964-965	DCFA 91F	M15
H. TYLER	GTG 101-A	Mancal radial	Radial bearing		HACFA 16	M8
		Mancal radial	Radial bearing		HACFA 69F	M17
	T400, TS600	Mancal radial	Radial bearing		PCFA 96	M15
		Mancal radial	Radial bearing		PCFA 97	M15
		Mancal radial	Radial bearing		HACFA 86	M175
		Mancal radial	Radial bearing		IACFA 93	M15
	TS100, TS200	Mancal radial	Radial bearing		FCF 32	M30
		Mancal radial	Radial bearing		FCF 33	M30
		Mancal radial	Radial bearing		GCF 34F	M30
		Mancal radial	Radial bearing		ICF 82	M30
		Mancal radial	Radial bearing		JCF 01	M30
		Mancal radial	Radial bearing		JCF 95	M177
		Mancal radial	Radial bearing		JCF 96	M177
	TS600(711Y)	Mancal radial	Radial bearing		D-10859	M28
	Nihil	Sapata axial	Thrust shoe bearing		SAA 37	M235
		Mancal axial	Thrust bearing		MA 12	M235
HELSINGOR	TL20-40	Mancal radial	Radial bearing		D-09616	M15
		Mancal axial	Thrust bearing		D-09617	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
HIROZOKI	CC600	Mancal radial	Radial bearing		DCFA 58	M35
	H-131	Mancal radial	Radial bearing		IACFA 38	M35
		Mancal radial	Radial bearing		IACFA 69	M35
	H141R	Mancal radial	Radial bearing		ECFA 04	M35
HISPANO SUIZA	THM 1203	Mancal axial	Thrust bearing	290259	MACFA 43F	M1
	THM 1203, THM 1304	Mancal axial	Thrust bearing	293348	JCF 93F	M68
		Sapata axial	Thrust shoe bearing	386452	BEEK 76	M15
	THM 1304	Sapata radial	Radial shoe bearing	290638	D-12509	M15
		Sapata radial	Radial shoe bearing	386451	D-12687	M15
		Sapata axial	Thrust shoe bearing	290628	BEEK 23	M15
		Sapata axial	Thrust shoe bearing	290636	BEEK 63	M15
		Sapata axial	Thrust shoe bearing	290637	BEEK 64	M15
		Sapata radial	Radial shoe bearing	290627	D-11921	M15
		Sapata radial	Radial shoe bearing	290631	D-11922	M15
		Sapata radial	Radial shoe bearing	A320141	D-12510	M15
		Sapata radial	Radial shoe bearing	320605-1	D-12691	M15
		Mancal radial	Radial bearing	291314	D-12568	M15
		Mancal axial	Thrust bearing	291600	D-12574	M15
		Mancal axial	Thrust bearing	290264	MACFA 48F	M1
HITACHI	ETV2200	Mancal axial	Thrust bearing		DACFA 19F	M145
INGERSOLL RAND	E-522	Mancal axial oscilante	Tilting pad thrust bearing	TM326042E10.1/2	D-10937	M15
		Sapata axial	Thrust shoe bearing	TM326042	EEK 73	M15
KKK	AF3G	Mancal radial	Radial bearing		LCFA 43F	M19
		Mancal axial	Thrust bearing		LCFA 44F	M19
		Mancal axial	Thrust bearing		LCFA 34F	M19
	AF3, 5D	Mancal axial	Thrust bearing		KACFA 80F	M19
	AF3, 5G	Mancal radial	Radial bearing		LCFA 52F	M19
		Mancal axial	Thrust bearing		LCFA 54F	M19
		Mancal axial	Thrust bearing		LCFA 53F	M19
		Mancal axial	Thrust bearing		RCFA 54F	M19
		Mancal axial	Thrust bearing		LCFA 35F	M19
		Mancal axial	Thrust bearing		LCFA 36F	M19
		Mancal radial	Radial bearing	150.20.01	RACFA 72F	M19
	AF3, 5GS	Mancal axial	Thrust bearing		LCFA 41F	M19
		Mancal radial	Radial bearing		LCFA 42F	M19
		Mancal radial	Radial bearing		LCFA 46F	M19
		Mancal radial	Radial bearing	150.20.08	HACFA 89F	M19
		Mancal radial	Radial bearing		GACFA 42F	M19
		Mancal axial	Thrust bearing		LCFA 78F	M19
		Mancal axial	Thrust bearing		HACFA 88F	M19
		Mancal axial	Thrust bearing	150.20.10	GACFA 52F	M19
		Mancal axial	Thrust bearing	1000-155-2500	QACFA 43F	M19
		Mancal radial	Radial bearing		SACFA 42F	M19
	BF 3,5	Mancal axial	Thrust bearing		D-10667	M19
		Mancal radial	Radial bearing		D-10668	M19

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
KKK	CF4GS	Mancal axial	Thrust bearing	150.20.04	MCFA 29F	M15
		Mancal axial	Thrust bearing		RCFA 52F	M19
		Mancal axial	Thrust bearing		HACFA 06F	M19
		Mancal axial	Thrust bearing		KACFA 49F	M19
		Mancal radial	Radial bearing		QCFA 93F	M19
		Mancal radial	Radial bearing		SCFA 97F	M15
		Mancal radial	Radial bearing		HACFA 05F	M19
		Mancal radial	Radial bearing	150.20.08	IACFA 24F	M19
		Mancal radial	Radial bearing		LACFA 03F	M19
		Mancal radial	Radial bearing		LACFA 93F	M19
		Mancal axial	Thrust bearing		MACFA 99F	M19
		Mancal radial	Radial bearing		NACFA 09F	M19
	CF4D	Mancal radial	Radial bearing		KACFA 79F	M19
		Mancal axial	Thrust bearing		QACFA 55F	M19
	CF4D, CF4GS	Mancal radial	Radial bearing		QACFA 36F	M15
		Mancal radial	Radial bearing		QACFA 37F	M15
	CF5D	Mancal radial	Radial bearing		JACFA 65F	M19
		Mancal axial	Thrust bearing		JACFA 66F	M19
	CF5G	Mancal radial	Radial bearing		LCFA 47F	M19
		Mancal radial	Radial bearing		LCFA 49F	M19
		Mancal radial	Radial bearing		HACFA 40F	M19
		Mancal axial	Thrust bearing		LCFA 48F	M19
		Mancal axial	Thrust bearing		LCFA 51F	M19
	CF5GS	Mancal radial	Radial bearing	NS43220/76	RCFA 48F	M19
		Mancal radial	Radial bearing		RCFA 51F	M19
		Mancal axial	Thrust bearing		RCFA 49F	M19
		Mancal axial	Thrust bearing		RCFA 53F	M19
		Mancal radial	Radial bearing		ACFA 48F	M15
KONGSBERG	KG 5	Sapata radial	Radial shoe bearing	R111088	D-13099	M264
LINDE	ETG240NS	Mancal axial	Thrust bearing		GACFA 51F	M15
		Mancal radial	Radial bearing		LACFA 59F	M15
	ETG 360NS	Mancal radial	Radial bearing		GACFA 15F	M15
		Mancal axial	Thrust bearing		GACFA 16F	M15
MESSIAN/M. DEDINI/ COPPUS	30C/55C	Mancal radial	Radial bearing	T2135	UCFA 12F	M15
		Mancal axial	Thrust bearing	T2136	UCFA 13F	M15
	40C	Mancal radial	Radial bearing	T2174	UCFA 18F	M15
	55C	Mancal axial	Thrust bearing	T2035	UCFA 14F	M15
	70C	Mancal axial	Thrust bearing	T2203	UCFA 17F	M15
	55CE/1	Mancal radial	Radial bearing		IACFA 31F	M19
		Mancal axial	Thrust bearing		JACFA 14F	M19
	DSE	Mancal radial	Radial bearing		GACFA 86F	M215
	DSE 400	Mancal radial	Radial bearing		IACFA 81	M215
	RLH 24	Mancal radial	Radial bearing		CACFA 46	M15
		Mancal radial	Radial bearing		CACFA 47	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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TURBINA - TURBINE

MESSIAN/M. DEDINI/ COPPUS	TA 9-8/12	Mancal axial	Thrust bearing	T2110	MCFA 39F	M15
		Mancal radial	Radial bearing	T2189	MCFA 41F	M15
MITSUBISHI	EH-125G	Mancal radial	Radial bearing		ZCFA 41	M15
		Mancal radial	Radial bearing		HACFA 55	M15
	7EL7	Sapata axial	Thrust shoe bearing	765.76618	EEK 07	M28
		Mancal radial	Radial bearing	769.20009	TCFA 33	M17
		Mancal radial	Radial bearing	769.20009	SCFA 53	M2
		Mancal radial	Radial bearing	769.20995	TCFA 34	M17
		Sapata axial	Thrust shoe bearing	769.40720	EEK 28	M102
		Arruela de encosto	Thrust washer		AEB 13	M46
		Mancal radial	Radial bearing		VCFA 58	M46
		Mancal radial	Radial bearing		SCFA 54	M2
		Mancal de governador	Governor thrust bearing		IACFA 71F	M17
		Pino de planetária	Planetary pin		D-08348	M134
	EU120, EU125	Mancal radial	Radial bearing		JACFA 75	M35
		Mancal radial	Radial bearing		JACFA 76	M35
		Anel de encosto	Thrust washer		BAEB 79	M145
	H-573	Mancal radial	Radial bearing		TCFA 28	M15
	H-574	Sapata axial	Thrust shoe bearing		EEK 29	M28
		Anel de encosto	Thrust washer		AAEB 33	M28
		Mancal radial	Radial bearing		CCFA 94	M15
		Mancal radial	Radial bearing		CCFA 93	M15
	MB	Anel de encosto	Thrust washer	769.30310 1/2	AAEB 88	M113
	PG-100	Mancal radial	Radial bearing		XCFA 67	M35
	27.900 KW	Mancal axial	Thrust bearing		FACFA 80F	M203
MITSUI/ BROWN BOVERI	29G00 DIR	Mancal radial	Radial bearing		JACFA 15F	M19
		Mancal radial	Radial bearing		JACFA 16F	M19
NUOVO PIGNONE	PG T5A	Anel de encosto	Thrust washer	SMO 37761	CAEB 05	M15
		Mancal radial	Radial bearing	SMP 37576	MACFA 45	M15
		Mancal radial	Radial bearing	SMO 37759	MACFA 44	M15
		Sapata axial	Thrust shoe bearing		BEEK 81	M15
		Sapata axial	Thrust shoe bearing		BEEK 82	M15
		Sapata axial	Thrust shoe bearing	RCQ 369502	BEEK 83	M15
		Sapata axial	Thrust shoe bearing	RCQ 3611752	BEEK 84	M15
		Sapata axial	Thrust shoe bearing	RCQ 3611753	BEEK 85	M15
		Anel de encosto	Thrust washer		CAEB 14	M15
		Mancal radial	Radial bearing		NACFA 40	M15
		Mancal radial	Radial bearing		NACFA 41	M15
		Sapata axial	Thrust shoe bearing		BEEK 89	M15
		Sapata axial	Thrust shoe bearing		BEEK 90	M15
		Mancal axial	Thrust bearing	SMO 37760	D-12791	M15
		Retentor	Sealing		D-12881	M184
		Retentor	Sealing		D-12882	M184
		Sapata radial	Radial shoe bearing		D-12883	M208
		Sapata radial	Radial shoe bearing		D-12884	M208
		Sapata radial	Radial shoe bearing		D-12885	M208

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
NUOVO PIGNONE	PG T5A	Sapata radial	Radial shoe bearing	SMO 37763	D-12887	M208
		Sapata radial	Radial shoe bearing		D-12888	M208
		Mancal axial	Thrust bearing		D-12889	M15
		Retentor	Sealing		D-12891	M40
		Sapata axial	Thrust shoe bearing		D-12892	M15
		Sapata axial	Thrust shoe bearing		D-12957	M15
		Sapata axial	Thrust shoe bearing		D-12958	M15
	PGT 10	Sapata radial	Radial shoe bearing	GB 100/44-146	D-12987	M208
		Sapata radial	Radial shoe bearing		D-12988	M208
		Sapata radial	Radial shoe bearing		D-12990	M208
		Sapata radial	Radial shoe bearing		D-12991	M208
		Sapata axial	Thrust shoe bearing		BEEK 97	M208
		Sapata axial	Thrust shoe bearing		BEEK 98	M208
		Sapata axial	Thrust shoe bearing		CEEK 01	M208
	PGT10, PGT 16	Sapata axial	Thrust shoe bearing	GB 100/59-225	CEEK 02	M208
		Sapata axial	Thrust shoe bearing		SAA 29	M208
	PGT25	Sapata axial	Thrust shoe bearing	508-01/06 22002006082 TNP301700BR06 518-00/062002006017 TNP301500BR06 508-01/06 22002006017 TNP301600BR06 508-03/06 2002006082 TNP301800BR06	SAA 31	M208
		Sapata axial	Thrust shoe bearing		SAA 32	M208
		Sapata axial	Thrust shoe bearing		SAA 33	M208
		Sapata axial	Thrust shoe bearing		SAA 34	M208
		Sapata radial	Radial shoe bearing		SRA 24	M208
		Sapata radial	Radial shoe bearing		SRA 25	M208
		Sapata radial	Radial shoe bearing		SRA 26	M208
RATEAU	HG 5C	Sapata radial	Radial shoe bearing		JACFA 81	M15
		Sapata radial	Radial shoe bearing		D-12223	M15
		Sapata radial	Radial shoe bearing		D-12392	M15
		Mancal radial oscilante	Tilting pad radial bearing		D-12222	M15
		Arruela de encosto	Thrust washer		BAEB 80	M6
		Arruela de encosto	Thrust washer		BAEB 81	M6
	TCP-40/50	Sapata axial	Thrust shoe bearing		EEK 58	M30
		Sapata axial	Thrust shoe bearing		EEK 59	M30
	TH40/50-1+11	Mancal axial	Thrust bearing	PO-216-148/00	UCFA 88F	M19
		Mancal radial	Radial bearing		JACFA 82F	M19
		Mancal axial oscilante	Tilting pad thrust bearing		D-11949	M3
		Mancal axial oscilante	Tilting pad thrust bearing		D-11953	M3
		Sapata axial	Thrust shoe bearing		EEK 14	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-09115	M15
	TU6170CD69	Mancal radial	Radial bearing		CACFA 40	M15
		Mancal radial	Radial bearing		CACFA 41	M15
SCHNEIDER	E116	Mancal radial	Radial bearing		CCF 72F	M28
		Mancal axial	Thrust bearing		CCF 73F	M28
		Mancal radial	Radial bearing		FACFA 44F	M19
		Mancal axial	Thrust bearing		ICF 91F	M177

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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TURBINA - TURBINE

SCHNEIDER	E116	Mancal axial	Thrust bearing		IACFA 94F	M19
		Mancal axial	Thrust bearing		GCF 32F	M120
		Mancal axial	Thrust bearing		ICF 46F	M120
		Mancal axial	Thrust bearing		JCF 48F	M28
	E125	Mancal radial	Radial bearing		ICF 29F	M28
		Mancal axial	Thrust bearing		ICF 30F	M28
		Mancal axial	Thrust bearing		JCF 29F	M28
	C225	Mancal radial	Radial bearing		FACFA 83F	M15
		Sapata axial	Thrust shoe bearing		BEEK 51	M120
	M3-6-02-5E	Mancal radial	Radial bearing		UCFA 91	M15
		Mancal radial	Radial bearing		UCFA 92	M15
		Sapata axial	Thrust shoe bearing		EEK 22	M28
		Sapata axial	Thrust shoe bearing		EEK 23	M28
		Mancal de bomba de óleo	Oil pump thrust bearing		ICF 53F	M28
SIEMENS	HG-32/20/20	Sapata axial	Thrust shoe bearing		EEK 53	M19
		Sapata axial	Thrust shoe bearing		EEK 54	M19
		Mancal radial	Radial bearing	RT1042/HS-TUW	RCFA 56F	M70
		Mancal radial	Radial bearing	RT1042/HS-TUW-1	RCFA 57F	M70
		Sapata axial	Thrust shoe bearing		EEK 56	M19
		Sapata axial	Thrust shoe bearing		EEK 57	M19
	HG-32/26/20	Sapata axial	Thrust shoe bearing		EEK 37	M15
	K-1100.2	Sapata axial	Thrust shoe bearing		EEK 46	M113
		Sapata axial	Thrust shoe bearing		EEK 47	M113
		Mancal radial	Radial bearing	RT-1142/HS-TUW	SCFA 51F	M70
		Mancal radial	Radial bearing	RT-1142/HS-TUW-1	SCFA 52F	M70
	EK-1100.2	Mancal radial	Radial bearing		PACFA 50F	M15
		Mancal radial	Radial bearing			
	NK 25/36	Mancal axial oscilante	Tilting pad thrust bearing	D2-3799-3201-00	D-12224	M235
		Sapata axial	Thrust shoe bearing	D2-5535-1308-00	BEEK 49	M235
	ST1/ST2	Mancal radial	Radial bearing	M51-0012	PCFA 24	M19
SKINNER	S-18.2	Mancal radial	Radial bearing		RCFA 47	M8
		Mancal radial	Radial bearing		SCFA 77	M8
		Mancal radial	Radial bearing		SCFA 78	M8
		Anel de encosto	Thrust washer		AAEB 51	M8
		Mancal radial	Radial bearing		JACFA 35	M15
STAL LAVAL	B2018	Mancal radial	Radial bearing		KACFA 95	M174
		Mancal radial	Radial bearing	67966-A	DACFA 16	M15
	B2052	Mancal radial	Radial bearing	988112-A	D-11153	M174
		Mancal radial	Radial bearing	988521-A	D-11154	M174
		Mancal radial	Radial bearing	1854643-A	LACFA 25	M174
		Mancal radial	Radial bearing	1855549-A/983519-1	LACFA 26	M174
	B2053	Mancal radial	Radial bearing	1853077A	D-11206	M174
		Mancal radial	Radial bearing	66474A	D-11237	M174

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
STAL LAVAL	DDX2000 / 2400KW	Mancal radial	Radial bearing	843746	XCFA 82	M14
		Mancal radial	Radial bearing	843747	XCFA 83	M14
	TX38H	Sapata axial	Thrust shoe bearing	801158	EEK 09	M19
		Sapata axial	Thrust shoe bearing	801159	EEK 11	M19
	TX400EJ	Mancal radial	Radial bearing	1854643A	FACFA 55	M174
	1065-55B	Sapata axial	Thrust shoe bearing	22127035A	EEK 77	M15
		Sapata axial	Thrust shoe bearing	22127035	BEEK 78	M15
		Mancal axial oscilante	Tilting pad thrust bearing		D-11530	M15
		Mancal radial	Radial bearing		FACFA 57	M15
STALT	VK06355	Mancal radial	Radial bearing	89002986-A	XCFA 54F	M15
		Mancal radial	Radial bearing	89003758-A	XCFA 56	M15
TERRY	EVS	Mancal radial	Radial bearing		ECF 93F	M28
	F6	Sapata axial	Thrust shoe bearing		EEK 42	M15
		Sapata radial	Radial shoe bearing		D-10313	M15
		Mancal axial oscilante	Tilting pad thrust bearing	59577	D-11291	M15
		Mancal radial	Radial bearing	E 484960	DACFA 03F	M15
		Mancal axial oscilante	Tilting pad thrust bearing	E 484949	D-11579	M15
		Sapata axial	Thrust shoe bearing		BEEK 38	M15
		Sapata axial	Thrust shoe bearing		BEEK 39	M15
		Sapata axial	Thrust shoe bearing		BEEK 44	M15
		Mancal radial	Radial bearing		FACFA 36F	M8
		Mancal radial oscilante	Tilting pad radial bearing		D-08245	M15
		Mancal radial oscilante	Tilting pad radial bearing		D-11836	M15
		Sapata radial	Radial shoe bearing		D-08248	M15
		Sapata radial	Radial shoe bearing		D-12079	M15
		Sapata radial	Radial shoe bearing		D-12080	M15
	GA	Mancal axial	Thrust bearing		JACFA 38F	M15
	GAF-6	Mancal radial	Radial bearing		ZCFA 06	M10
		Mancal radial	Radial bearing	50424/5	D-09962	M8
		Mancal radial	Radial bearing	49592/2	D-09963	M8
	GAMBS	Mancal radial	Radial bearing		LACFA 18F	M19
	GAMBS 25NV10	Mancal radial	Radial bearing		NACFA 12F	M15
	GAMBS T41047A/B	Sapata axial	Thrust shoe bearing		EEK 98	M15
		Sapata axial	Thrust shoe bearing		EEK 99	M15
	GAMBS T41047A/B	Mancal axial oscilante	Tilting pad thrust bearing		D-10945	M15
		Mancal axial	Thrust bearing		BACFA 18	M15
		Mancal axial	Thrust bearing		BACFA 19	M15
	GMBH GF 001006	Labirinto	Labyrinth		D-11971	M52
		Labirinto	Labyrinth		D-11972	M52
	21J	Mancal radial	Radial bearing		BCF 42F	M30
	24Z51	Mancal radial	Radial bearing		JCF 47	M30
	ZS-1	Mancal radial	Radial bearing		VCFA 82F	M15
		Mancal radial	Radial bearing		FCF 29F	M30

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
TURBODYNE	S8-S33500/501	Mancal radial	Radial bearing		ICFA 88	M15
	201WHK	Sapata axial	Thrust shoe bearing	LC82920F4	EEK 12	M15
VOITH	Kaplan 55MW	Retentor	Sealing	VP2.31-1464	D-11465	M124
		Retentor	Sealing	VP2.31-1499	D-11466	M124
WEIR	EF33	Mancal radial	Radial bearing		TCFA 32	M15
		Mancal radial	Radial bearing		FACFA 38	M19
		Mancal axial	Thrust bearing		FACFA 51F	M19
		Mancal radial	Radial bearing		PACFA 07	M15
	MRA10	Mancal radial	Radial bearing		ICF 37	M201
	MRS10	Sapata axial	Thrust shoe bearing		AEEK 56	M11
WESTINGHOUSE	CE116L	Mancal radial	Radial bearing		HACFA 20	M11
	E116	Mancal radial	Radial bearing		FCF 96F	M28
		Mancal axial	Thrust bearing		FCF 97F	M28
		Mancal axial	Thrust bearing		KCF 01F	M225
		Mancal radial	Radial bearing		KCF 02F	M225
	E120	Mancal axial	Thrust bearing		ECF 59F	M73
		Labirinto	Labyrinth		D-10885	M21
		Labirinto	Labyrinth		D-10886	M21
	E125	Mancal radial	Radial bearing		ECF 09F	M28
		Mancal axial	Thrust bearing	H1110-217A-3	EACFA 89F	M15
		Mancal axial	Thrust bearing		ECF 11F	M28
		Mancal radial	Radial bearing	218A-3	JCF 10F	M28
		Mancal axial	Thrust bearing		IACFA 13F	M15
		Mancal radial	Radial bearing		MACFA 14F	M19
		Labirinto	Labyrinth		D-11440	M39
	25MW	Mancal radial	Radial bearing		D-10814	M15
		Sapata axial	Thrust shoe bearing		AEEK 75	M15
		Sapata axial	Thrust shoe bearing		AEEK 76	M15
		Sapata axial	Thrust shoe bearing		AEEK 77	M15
	WB-01	Mancal radial	Radial bearing		QCFA 11	M15
		Mancal radial	Radial bearing		QCFA 12	M15
		Mancal axial	Thrust bearing		EACFA 59F	M15
	Q2R	Mancal radial	Radial bearing		BACFA 37	M15
		Mancal radial	Radial bearing		IACFA 16	M15
		Mancal axial	Thrust bearing		KACFA 91F	M15
		Mancal axial	Thrust bearing		LACFA 62F	M15
WESTINGHOUSE	R2R	Mancal axial	Thrust bearing		GCF 43F	M225
		Mancal axial	Thrust bearing		ICF 24F	M28
		Mancal axial	Thrust bearing		JCF 49F	M89
		Mancal radial	Radial bearing		JCF 35F	M28
		Mancal radial	Radial bearing		JCF 43F	M89
		Mancal axial	Thrust bearing		ICF 41F	M28
		Mancal axial	Thrust bearing		ICF 74F	M89

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBINA - TURBINE						
WESTINGHOUSE	R2R	Mancal radial	Radial bearing	10012073	ICF 39F	M28
		Mancal radial	Radial bearing		ICF 66F	M28
		Mancal radial	Radial bearing		ICF 62F	M28
		Mancal radial	Radial bearing		JCF 27F	M28
		Mancal radial	Radial bearing		ICF 61F	M89
	R2R, T2RA	Mancal radial	Radial bearing		KCF 29F	M89
	R2R/U2R	Mancal axial	Thrust bearing		FCF 48F	M28
		Mancal axial	Thrust bearing		JCF 15F	M28
	1S	Mancal radial	Radial bearing		BCFA 23	M15
		Mancal radial	Radial bearing		BCFA 66	M15
		Labirinto	Labyrinth		D-11285	M267
	S2R	Mancal radial	Radial bearing		FCF 44F	M28
		Mancal radial	Radial bearing		ICF 38F	M28
		Mancal radial	Radial bearing		JCF 25F	M89
		Mancal axial	Thrust bearing		FCF 46F	M28
		Mancal axial	Thrust bearing		ICF 09F	M28
		Mancal axial	Thrust bearing		ICF 70F	M28
	S2RHA	Mancal axial	Thrust bearing		FCF 47F	M28
		Mancal axial	Thrust bearing		KCF 31F	M177
	S2RHAM	Mancal radial	Radial bearing		FCF 31F	M28
		Mancal radial	Radial bearing		FCF 99F	M28
		Mancal radial	Radial bearing		ICF 16F	M177
		Mancal axial	Thrust bearing		JCF 16F	M89
		Mancal axial	Thrust bearing		ICF 77F	M89
	S285S	Sapata axial	Thrust shoe bearing		SA 01	M102
	503T	Mancal radial	Radial bearing		ICF 71	M89
		Mancal radial	Radial bearing		JACFA 32	M19
	U2R	Mancal axial	Thrust bearing		ECF 94F	M77
		Mancal radial	Radial bearing		FCF 17F	M77
		Mancal radial	Radial bearing		ECF 21F	M28
	U2R, R2R, S2R	Mancal axial	Thrust bearing		FCF 53F	M28
	S8	Mancal radial	Radial bearing		QCFA 62	M15
		Mancal radial	Radial bearing		QCFA 63	M15
WORTHINGTON	SST	Mancal radial	Radial bearing	LE 105069A	FCF 31F	M28
	SST-2, 503/703	Mancal radial	Radial bearing		EACFA 50	M19
	T2RA	Mancal radial	Radial bearing		ICF 31F	M28
	201WHK	Mancal axial	Thrust bearing		FCF 06F	M28
		Mancal radial	Radial bearing		KCF 16F	M212
	203WHK, 283 WHK, 283WHB	Mancal radial	Radial bearing		JACFA 30F	M19
		Mancal axial	Thrust bearing		JCF 24F	M28
		Mancal axial	Thrust bearing		JCF 22F	M28
	285S	Mancal axial	Thrust bearing		RACFA 54F	M91
		Mancal radial	Radial bearing		RACFA 67F	M91

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
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TURBINA - TURBINE

ZANINI-ATLAS	C-400-T	Mancal axial lado do pinhão	High speed thrust bearing	UCFA 83F	M15
		Arruela encosto lado pinhão	High speed thrust washer	BAEB 54	M15
		Mancal radial lado do pinhão	High speed radial bearing	UCFA 84F	M15
		Mancal radial lado da coroa	Low speed radial bearing	UCFA 86	M15
	C-500-T	Mancal radial	Radial bearing	DACFA 79F	M19
		Mancal radial	Radial bearing	KACFA 25F	M19
		Mancal radial	Radial bearing	KACFA 45F	M19
		Mancal axial	Thrust bearing	KACFA 26F	M19

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TURBO COMPRESSOR - TURBOCHARGER						
BURMEISTER WAIN'S	BWT680E	Mancal radial	<i>Radial bearing</i>	T7A683-37	XCFA 16F	M2
DEMAG	G 42 II	Anel de encosto	<i>Thrust washer</i>		BAEB 96	M15
	VK15	Mancal axial	<i>Thrust bearing</i>	508976	JACFA 53F	M15
		Mancal axial	<i>Thrust bearing</i>	508996	JACFA 54F	M15
	VK16	Mancal axial	<i>Thrust bearing</i>	508975	JACFA 55F	M15
		Mancal axial	<i>Thrust bearing</i>	508977	JACFA 56F	M15
	VK40-3EX	Mancal axial	<i>Thrust bearing</i>		D-12873	M2
		Mancal axial	<i>Thrust bearing</i>		D-12896	M2
		Sapata radial	<i>Radial shoe bearing</i>		D-12852	M2
	VK50	Labirinto	<i>Labyrinth</i>		D-11737	M217
ELLIOTT	L40, L60	Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	822349-1	BCFA 98F	M2
		Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	126x1087-2	BCFA 99F	M2
		Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	126x1138	XCFA 28F	M42
		Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	126x1479	BACFA 78F	M42
	L202	Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	L202 822367-1	FCFA 53F	M2
		Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	L202 822368-1	FCFA 54F	M2
GENERAL ELECTRIC	ET13	Mancal radial de turbo cpr	<i>Turbocharger radial brg</i>	126x1031-2	CCF 67	M30
		Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	126x1054-2	GCFA 59F	M42
		Mancal radial de turbo cpr	<i>Turbocharger radial brg</i>	126x1031-2	FCF 87	M30
		Mancal axial de turbo cpr	<i>Turbocharger thrust brg</i>	126x1054-2	CCFA 28F	M42
TERMOMECÂNICA	TSI 270	Mancal axial	<i>Thrust bearing</i>		LACFA 38	M110
		Mancal radial	<i>Radial bearing</i>		LACFA 39	M110
		Mancal radial	<i>Radial bearing</i>		LACFA 40F	M110
		Mancal axial	<i>Thrust bearing</i>		NACFA 17F	M110
		Mancal radial	<i>Radial bearing</i>		LACFA 58	M110

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TURBO EXPANSOR - *TURBO EXPANDER*

DRESSER RAND	E-522 Série 5619	Mancal radial	<i>Radial bearing</i>	Y-05-236-201	JACFA 24	M15
		Mancal axial oscilante	<i>Tilting pad thrust bearing</i>	Y-33-415-201	D-11997	M15
		Sapata axial	<i>Thrust shoe bearing</i>		BEEK 34	M15
		Sapata axial	<i>Thrust shoe bearing</i>		BEEK 35	M15
		Arruela de encosto	<i>Thrust washer</i>		BAEB 74	M15

FABRICANTE OEM NAME	MODELO MODEL	DESCRIÇÃO DO PRODUTO	PRODUCT DESCRIPTION	REFERÊNCIA OEM OEM PART NUMBER	REF SMAGON SMAGON REF	MTL MTL
TURBO GERADOR - TURBO GENERATOR						
GENERAL ELECTRIC	7500KW	Mancal radial	Radial bearing	139931-2/3/7	FACFA 75	M17
		Mancal radial	Radial bearing		IACFA 28F	M17
		Mancal radial	Radial bearing		IACFA 29F	M17
		Mancal radial	Radial bearing		HACFA 27	M17
MITSUBISHI	8BH-6 20MVA	Mancal radial	Radial bearing	1313-11/14	ZCFA 46	M15
		Arruela de encosto	Thrust washer	1313-58/59	AAEB 93	M127
		Sapata axial	Thrust shoe bearing	1313-36	EEK 87	M35

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VENTILADOR - VENTILATOR

AEROVENTO	RB-201310/3	Mancal radial	Radial bearing		BACFA 68	M8
IDF	VR131	Mancal axial Mancal axial	Thrust bearing Thrust bearing		EACFA 06 EACFA 13	M8 M8
KKK	VZ36/36	Mancal radial	Radial bearing		CCFA 71	M15
		Mancal axial	Thrust bearing		CCFA 72	M15
	VZ45	Mancal radial	Radial bearing		VCFA 18	M15
		Mancal axial	Thrust bearing		VCFA 19	M15