

## PARTS-, SPARE & MATERIAL LIST

**Danfoss  
Marine Systems A/S**  
*IPH Marine Automation*

Component: type & version

**ACTUATOR KFR 1.0 B1**

Material no.:

**160F2026**

Bom usage: PSM - List. Alt.:1

Aaderupvej 41 DK-4700 Naestved, Denmark  
Telefax: +45 55 78 72 72

Boeletvej 1 DK-8680 Ry, Denmark  
Telefax: +45 86 89 22 80

Telephone: +45 55 78 72 00  
Reg.no.: 35 985

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Notes: All items with stated material number can be purchased as spare parts.  
When ordering spare parts: please state material number.

Document numbers referred to: 160F9019

Refnr	Material	Description/ Compound	CTM No.	Quantity	Unmsr
		AlMgSi1,0 (W.no.3.2315)	K10		
		CuZn39Pb3 (W.no.2.0401)			
		C35/Ck35 (W.no.1.0501/1.1181)			
		CuZn36Pb2As	L60		
		CuZn39Pb3 (W.no.2.0401)			
		CuZn39Pb3 (W.no.2.0401)			
		CuZn36Pb2As	L60		
		X2CrMoTi18 2 (W.no.1.4521)	F10		
160F2099		SET OF SEALS FOR KFR 1.. A1/B1		1,000	PC
255-2008		NUT M12		1,000	PC
			7A4		
		CuZn39Pb3 (W.no.2.0401)			
		X5CrNiMo17 12 2 (W.no.1.4401)			
		CuZn39Pb3 (W.no.2.0401)			
		GGG40 (W.no.0.7040)	A10		
		X2CrMoTi18 2 (W.no.1.4521)	F10		
		17MnV6 (W.no.1.5216)	B54		
		GGG40 (W.no.0.7040)	A10		
0001	160F2300	CYLINDER KFR 1.0		1,000	PC
0002	160F2399	BOTTOM PIECE KFR 1.B1		1,000	PC
0003	160F2302	PISTON KFR 1.*		1,000	PC
0004	160F2303	TOP PIECE KFR 1.*		1,000	PC
0005	160F2304	SPINDLE KFR 1.0		1,000	PC
0007	160F2305	EMERGENCY OPERATION SPINDLE KFR 1.0		1,000	PC
0008	160F2306	SPINDLE KFR 1,0		1,000	PC
0009	160F2307	SPRING GUIDE KFR 1.0		1,000	PC
0010	160F2308	SEALING BUSHING KFR 1.0		1,000	PC
0011	160F2309	INDICATOR CURVE KFR 1.0		1,000	PC
0012	160F2310	YOKE KFR 1-2		1,000	PC
0013	160F2311	TOP COVER KFR 1-2		1,000	PC
0014	160F2312	LOCK CASING KFR 1-2		1,000	PC
0015	160F2313	LOCKING SPINDLE		1,000	PC
0016	160F2314	COUNTER NUT M5/Ø12		1,000	PC
0017		O-RING Ø55,56X3,53		1,000	PC
		NBR 70	NBR		
0018		O-RING Ø24,5X3		1,000	PC
		NBR 70	NBR		

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0019		O-RING Ø19,5X3 NBR 70	2,000	PC	NBR
0020		O-RING Ø57,6X2,4 NBR 70	1,000	PC	NBR
0021		O-RING Ø54,6X2,4 NBR 70	1,000	PC	NBR
0022		O-RING Ø37,6X2,4 NBR 70	1,000	PC	NBR
0023		O-RING Ø29,1X1,6 NBR 70	1,000	PC	NBR
0024		WIPER FORM A1 Ø38/30X4 NBR 90	1,000	PC	NBR
0025		BACK-UP-RING Ø63/57X1,4 PTFE	1,000	PC	PF5
0026	251-8081	SET SCREW/DOG POINT M6X12	1,000	PC	14.9
0027	252-1627	SET SCREW/CUP POINT M5X8	3,000	PC	7A4
0028	160F2386	TOP NUT KFR 1-2, M12 SF	1,000	PC	
0029	231-0576	DISC SPRING Ø60/30,5X2,75 No.180064 W.no.1.8159	11,000	PC	N15
0030	258-9124	BACK-UP WASHER Ø42	1,000	PC	N10
0031	258-9109	BACK-UP WASHER Ø18	1,000	PC	N10
0032	390-0001	THRUST CAGE Ø12 USt.13 (W.no.1.0333)	1,000	PC	POL
0033	390-0201	THRUST WASHER Ø12 100Cr6 (W.no.1.3505)	1,000	PC	ROL
0034	390-0101	THRUST WASHER Ø12 100Cr6 (W.no.1.3505)	1,000	PC	ROL
0035	267-0017	SNAP RING EXTERNAL Ø20 A 20	1,000	PC	Y05
0036	160F2315	LOCKING RING KFR 1.* (1PC=2PARTS)	1,000	PC	
0037	271-2169	CYLINDRIC PIN Ø5X50	1,000	PC	B55
0039	234-0951	KNOB	1,000	PC	
0040	231-2662	COMPRESSION SPRING Ø6,3/0,8X15,5 X12CrNi17 7 (W.no.1.4310)	1,000	PC	
0041		O-RING Ø10,6X2,4 NBR 70	1,000	PC	NBR
0042		PLATE 35X75X0,5	1,000	PC	

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0043		RIVET Ø1,9X5	F90	4,000	PC
			5/A4		
0046	160F2370	SCRAPER BUSHING KFR 1.0		1,000	PC
0047	160F2383	STOP RING KFR 1-2		1,000	PC
0049		SOFT SEALING Ø45,8/38,8X2		1,000	PC
		NBR	NBR		
0050		SOFT SEALING Ø50,7/44,7X2		1,000	PC
		NBR	NBR		
0051		WIPER FORM A1 Ø32/24X4		1,000	PC
		NBR 90	NBR		
0052	251-1078	SCREW M6X10		1,000	PC
			7A2		
0053		SEALING WASHER Ø9,8/6,3X0,8		1,000	PC
		Copper	L02		
0054		SET SCREW/CONE POINT M5X12		1,000	PC
			7A4		