



**DANFOSS
SYSTEM
HYDRAULIK A/S**

PARTS-, SPARE PARTS, & MATERIAL LIST

COMPONENT: TYPE & VERSION

kfr 3.3 A2

SHEET: 1 OF: 2

PSM.NO. 160F2022 ISSUE

X

Notes: All items with stated ID nos. can be purchased as spare parts.
When ordering spare parts – state ID no.

DATE BY CHECK

↓

DRAWINGS REFERRED TO:

980702 UDA 1

DRAWING NO.	REF.	DESCRIPTION	DATE	BY	CHECK	
160F9028	a	Assembly drawing				
160M0409	b	Dimensional drawing				
	c					
	d					

ITEM Nos. or capital letters	REF.	ID NO.	PARTS DESCRIPTION	QTY	MATERIAL	CTM NO.	CTM no. refers to DSH sheets: COMPARISON TABLES for MATERIALS
1	a	160F2397	Cylinder	1	St.52-2	B52	
2	a	160F2338	Bottom piece	1	GGG 40	A10	
3	a	160F2339	Piston	1	GGG 40	A10	
4	a	160F2340	Top cover 3.*	1	SKF-280	B54	
5	a	160F2352	Spindle	1	S-1802	F10	
7	a	160F2343	Emergency spindle	1	MS 58	L05	
8	a	160F2344	Spindle	1	ETG 100	B60	
9	a	160F2345	Spring guide	1	MS 58	L05	
10	a	160F2346	Sealing bushing	1	AFZ-E	L60	
11	a	160F2347	Indicator curve	1	St. 50-2	B50	
12	a	160F2348	Yoke 3.*	1	MS 58	L05	
13	a	160F2349	Cover	1	AlMgSi 1.0	K10	
14	a	160F2350	Ring, 2-part	1	SKF 280	B54	
15	a	160F2351	Locking spindle	1	AISI 316	F20	
16	a	160F2314	Counter nut	1	MS 58	L05	
17	a		O-ring 98,02*3,53	1	Buna	NBR	
18	a		O-ring 34,5*3,0	1	Buna	NBR	
19	a		O-ring 27,5*3,0	2	Buna	NBR	
20	a		O-ring 99,5*3,0	1	Buna	NBR	
21	a		O-ring 99,5*3,0	1	Buna	NBR	
22	a		O-ring 69,5*3,0	3	Buna	NBR	
23	a		O-ring 33,0*1,5	1	Buna	NBR	
24	a		Scraper 50/58 - 7/4	1	NBR 90		
25	a		Backup-ring	1	PTFE		
26	a	251-8081	Stopscrew M6*12 DIN 915	1	12.9	12.9	
27	a	252-1658	Stopscrew M8*16 DIN 916	3	A4/70	7A4	
28	a	255-3583	Nut M16 DIN 439B	1	A4/70	7A4	
29	a	231-1013	Disc spring	21	W.nr 1.8159	N15	
30	a	258-9134	Supporting washer 50*62*3,0	1	C75	Y03	
32	a	390-0203	LS 1730	2	Bearing steel		
33	a	390-0103	AS 1730	2	Bearing steel		
34	a	390-0003	AXK 1730	2	Bearing steel		
35	a	267-0025	Seegerring A28	1	Spring steel		
36	a	160F2336	Locking ring 3.*	1	DIN 17223	N05	



**DANFOSS
SYSTEM
HYDRAULIK A/S**

PARTS-, SPARE PARTS, & MATERIAL LIST

COMPONENT: TYPE & VERSION
kfr 3.3 A2

SHEET: 2 OF: 2

PSM.NO. 160F2022

ITEM Nos. or capital letters	REF.	ID NO.	CTM no. refers to DSH sheets: COMPARISON TABLES for MATERIALS			CTM NO.	
			PARTS DESCRIPTION	QTY	MATERIAL		
37	a	271-2248	Pin Ø8*80 DIN 6325	1	Hardened		
38	a	160F2012	Operating handle	2	AISI 316	F20	
39	a	234-0951	Locking handle	1	Duroplast		
40	a	231-2662	Compression spring	1	DIN 17223	N05	
41	a	160F1009	Release valve	1	MS 58	L05	
42	a		Name plate	1	Stainless		
43	a		Rivet	4	Stainless		
46	a		O-ring 31,6*2,4	1	Buna	NBR	
47	a		Slydring	1	PTFE		
48	a	160F2393	Scraper bushing	1	AFZ-E	L60	
49	a	160F2388	Counter nut	1	S-1802	F20	
50	a	268-0210	Locking washer	1	Stainless		
51	a		Scraper 35/43 - 7/4	1	NBR 90		
52	a	251-1078	Screw M6*10 DIN 912	1	70-A2	7A2	
53	a		Copper washer Ø6.3/Ø9.8*0.8	1	Copper	L02	
54	a	160f2396	Reinforcement ring	1	SKF-280	B54	
	A	160F2097	Set of seals, KFR 3, consisting of item no. 17-18-19-20-21-22-23-24-25-(41)-46-47-51-53				