

**List of components**

Valid for all ACG/UCG pumps, size 045/052/060/070. Rotor lead and Generation: D7/K7/N7

With version codes: N} T} B} E} Also valid for pump options: A101, A327, A385

V} F} G}

Example of pump designations

P}

std: ACG 045N7 NVBP; option ACG 070N7 NVBP A101

Pos No	Denomination	Qty	Components included in Spare parts sets:							Note
			G011	G012	G050	G053	G054	G057	G070	
1010	Power rotor CCW-rot.	1	x					(x)		
1020	Power rotor CW-rot.	1		x				x		
106	Balancing piston	1	x	x				x		5
113	Shaft key	1	x	x				x		
120	Distance sleeve	1								
122	Ball bearing	1				x		x		
124	Retaining ring	1				x		x	x	
124A	Support ring	1				x		x	x	
201	Idler rotor CCW-rot.	2	x					(x)		
202	Idler rotor CW-rot.	2		x				x		
359	Distance washer	1								
359A	Support ring	1				x		x	x	
401	Pump body	1								
424	Sleeve	1								4
424A	Washer	1								4
429	Spindle	1								4
437	O-ring	1								4
440	Return valve	1								8
451	Screw	4/6								
453	Screw	4								
462	Plug	2								1
462A	Sealing washer	2				x		x	x	1
473	Grease nipple	1								
473A	Grease nipple cover	1								
480	Valve housing	1								2
5010	Front cover	1								
502	Tension pin	1								6
502A	Plug	1								6
506	Gasket	1				x		x	x	
509	Shaft seal	1			x	x		x		
514	Retaining ring	1				x		x	x	
537	Plug	2								
537A	Sealing washer	2				x		x	x	
551	Rear cover	1								3
556	Gasket	1				x		x	x	
601	Valve cover	1								x
602	Sealing washer	1				x		x	x	x
605	O-ring	1				x		x	x	x
608	Valve spindle	1								x
608A	Retaining ring	1				x		x	x	x
612	Set screw	1								x
614	Valve piston	1								x
615	Valve spring	1								x

**Notes:**

- 1) Excluded in xxxG
- 2) Excluded in xxxE
- 3) Valid for xxxE
- 4) Valid for pump option A327 & A385, size 70 only
- 5) Included in item 1020 or 1010
- 6) Included in item 5010
- 7) Only sold as G070
- 8) Removed in all pumps - does not need to be replaced

**Explanations:**

- ACG: Pump with DIN flanges
- UCG: Pump with ANSI flanges
- A101: Nonstandard rotation: CCW (counter clockwise)  
 (CW-rotation is standard)
- A327: Pump with Tuning, size 70 only
- A385: Combination of A101+A327, size 70 only
- G011: Rotor set CCW-rotation option
- G012: Rotor set CW-rotation (std)
- G050: Shaft seal
- G053: Minor kit
- G054: Major kit consisting of: G053+G012 (G011)
- G057: Joint kit
- G070: Valve element

**ACG K7/N/-pumps as replacement pumps**

**for old N2/N3/N4-pumps when it is essential to receive identical outer dimensions:**

Valid only if the pump assembly is equipped with our aluminum connecting frame with angle bracket and our std shaft coupling type E.

As per our dimension print ACG 0452 (ACG N3x). Besides the K7/N7-pump you shall order.

	045	052	060	070
<b>Set of intermediate plates.</b>				
IEC 80-90, F.size F165	176412	176412	--	--
IEC 100-112, F.size F215	176420	176420	176453	176453
IEC 132, F.size F265	176438	176438	176461	176461
IEC 160 + 180, F.size F300	--	176446	176479	176479
<b>New pump coupling for IEC motor size</b>				
IEC 80	191640	191644	--	--
IEC 90	191641	190645	--	--
IEC 100/112	191642	191646	191649	191649
IEC 132	--	191647	191650	191650
IEC 160	--	191648	191651	191651
IEC 180	--	--	191652	191652

**Please note:**

When you have to replace a pump ACG N2F you have to order a new shaft coupling. The intermediate plates can not be used as the N2F pump units were equipped with our old NCA coupling and our old cast iron connecting frame. K7/N7 can replace K5/K6/N5/N6 without above extra accessories.

**Ordering code**

Pos No	Spare parts (set)		Part numbers for pump size			
			045	052	060	070
G011	Rotor set	K-lead CCW-rot	189641	189642	189643	189644
	"	N-lead CCW-rot	186478	186486	186494	186502
G012	Rotor set	K-lead CW-rot	187542	187559	187567	187575
	"	N-lead CW-rot	178913	179507	179515	179523
	"	D-lead CW-rot	--	--	--	194001
G050	Shaft seal	xTxx	174094	174102	174110	174128
	"	xVxx	190335	190336	190338	190340
G053	Minor kit	xTxx	191242	191244	191246	191248
	"	xVxx	191241	191243	191245	191247
G054	Major kit=G012(G011)+G053					
G057	Joint kit		191237	191238	191239	191240
G070	Valve element	xxxG/xxxP	191250	191250	191251	191251
120	Distance sleeve		173112	172908	173575	173237
122	Ball bearing		078576	077461	191181	191182
359	Distance washer		173161	172916	173542	173245
480	Valve housing	xxxP	191022	191025	191028	191031
5010	Front cover		191120	191122	191124	191126
537A	Sealing washer		010975	010975	010975	010975
S2	O-ring	xTxx	190806	190792	190807	191513
S6	O-ring	xTxx	190791	191515	191516	191517
--	Mounting sleeve		188887	188888	188889	188890

**Recommendation:**

For maintenance the following spare part sets are recommended:

**Set: To be used:**

**G057 Joint kit**

For dismantling of the pump

**G053 Minor kit**

For service

**G054 Major kit**

For repair after damage or greater wear.

**Ordering example:**

For IMO-pump ACG 045N7 NVBP  
serial number 456789

Shaft seal pos G050 p/n 190335

Ball bearing pos 122 p/n 078576

**Exploded view**

