

**List of components**

Valid for all pumps in sizes D4C 025,032,038,045,052,060 & 070; Rotor diameter and generation L1/K1/N1 & L2/K2/N2

With version codes: L } R } C } E }  
(cartridge pump) Y } T }  
V }  
(cpl pump with steel casing) F } R } B } E }  
S } T } F }  
V } J }  
T }

The version code is composed of the letters in the 4 columns.

Also valid for pump options: A056, A101 & A246

Also valid for cartridge options: G056, G101 & G246

Example of pump designations

std: D4C 038N2 LRCE, D4 038N2 SFRE

options: D4C 045N2 LRCE G056, D4C 045N2 SRFE A056

Pos No	Denomination	Qty	G011	G012	G050	G053	G054	G057
101	Power rotor (CCW-rot.)	1	x				(x)	
102	Power rotor (CW-rot.)	1		x			x	
113	Key	1	x	x			x	
1030	Valve	1	x	x			x	
122	Ball bearing (option A056)	1					(x)	
124	Retaining ring	1/2					x	
124A	Support ring	1/2					x	
124B	Washer	1					x	
139	Balancing washer	1					x	
139A	Retaining ring (size 025)	1					x	
201	Idler rotor (CCW-rot.)	2	x				(x)	
202	Idler rotor (CW-rot.)	2		x			x	
301	Sleeve	1					x	
329	O-ring	2				x	x	x
329A	Support ring	1				x	x	x
351	Balancing cover	1					x	
376	Balancing bush	2	x	x			x	
395	Support plate	1					x	
395A	Screw	2					x	
451	Screw	4					x	
451A	Washer	4					x	
453	Screw (size 025-032)	4					x	
501	Front cover	1					x	
502	Tension pin (Incl in item 5200)	1					x	
504	Screw	4					x	
506	O-ring	1				x	x	x
507	Washer	1					x	
509	Mechanical seal	1			x	x	x	
5200	Cover	1					x	
520A	O-ring	1				x	x	x
520B	Retaining ring	1					x	
521	Screw	3					x	
532	Cover	1					x	

**Explanations:**

A056: Ball bearing option (cpl. pump)  
A101: CCW-rotation pump (cpl. pump)  
A246: Combination of A056 + A101 (cpl. pump)  
G011: Rotor set, CCW-rotation (option)  
G012: Rotor set CW-rotation (std)  
G050: Shaft seal  
G053: Minor kit consisting of G050+G057  
G054 = Major kit = compl. Cartridge pump  
G056: Ball bearing option (cartridge)  
G057 = Joint kit  
G101: CCW-rotation pump (cartridge)  
G246: Combination of G056 and G101 (cartridge)

Pumps with the designation "UD4" and with any of above material combinations, are identical with the corresponding D4C-pump cartridge.

**Old designation      Current designation**

*Cartridge pumps:*

D4C 025N2      D4C 025N2 LRCE  
D4C 032L2 A073      D4C 032L2 LTCE  
D4C 038N2 A056      D4C 038N2 LRCE G056  
D4C 045K2 A051      D4C 045K2 LVCE

*Complete pumps*

D4H 052N2      D4C 052N2 SxFE\*  
D4R 060K2      D4C 060K2 SxBE\*  
D4U 070N2      D4C 070N2 SxJE\*

**Generation N1/L1/K1 cartridge pumps**

Cartridge pumps in version 1 are obsolete.  
Deviating parts were the front cover item 501 and rotor set G012

\* Normally are these pumps equipped with

# D4C Cartridge High pressure pump

Obsolete product - production of spares withdrawn



Spare parts book  
September 2016

## Ordering code

Pos No	Spare parts (set)	Part numbers for pump size							Note
		025	032	038	045	052	060	070	
G012	Rotor set CW-rot K-lead	--	--	146332	154534	186551	186577	186593	1,3
"	" L-lead	186544	156117	--	--	--	--	--	1,3
"	" N-lead	163410	150425	163428	166926	150433	186569	186585	1,3
G050	Shaft seal xRxx	128314	128314	120873	124610	124610	128728	128728	2,3
"	" xTxx	168906	168906	172726	172049	172049	168914	168914	2,3
"	" xVxx	143859	143859	190336	190338	190338	142299	142299	2,3
G053	Minor kit=G050+G057								2,3
G057	Joint kit	185884	185892	185900	185918	185926	185934	185942	2
122	Ball bearing G056/G246	106922	106922	017137	107870	017228	110429	110429	2,3
376	Balancing bush	130245	128272	126987	123927	124172	128660	129023	2,3

### Notes:

- 1) These rotor sets are not valid for pumps A056/G056.  
If you require rotor sets for these pumps, please contact IMO AB.
- 2) These parts are also valid for obsolete pumps in version 1.
- 3) D4C pumps and their spares are obsolete. Rotor set G012, Shaft seal G050, Ball bearing 122 and Balancing bush 376 are identical with std D4 pump and still available.

