

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 F } R } B } E }
steel casing) 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*

* Normally are these pumps equipped with a Tungsten shaft seal xTx.

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.
Wear parts available are noted on next page. See note 2.

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.

