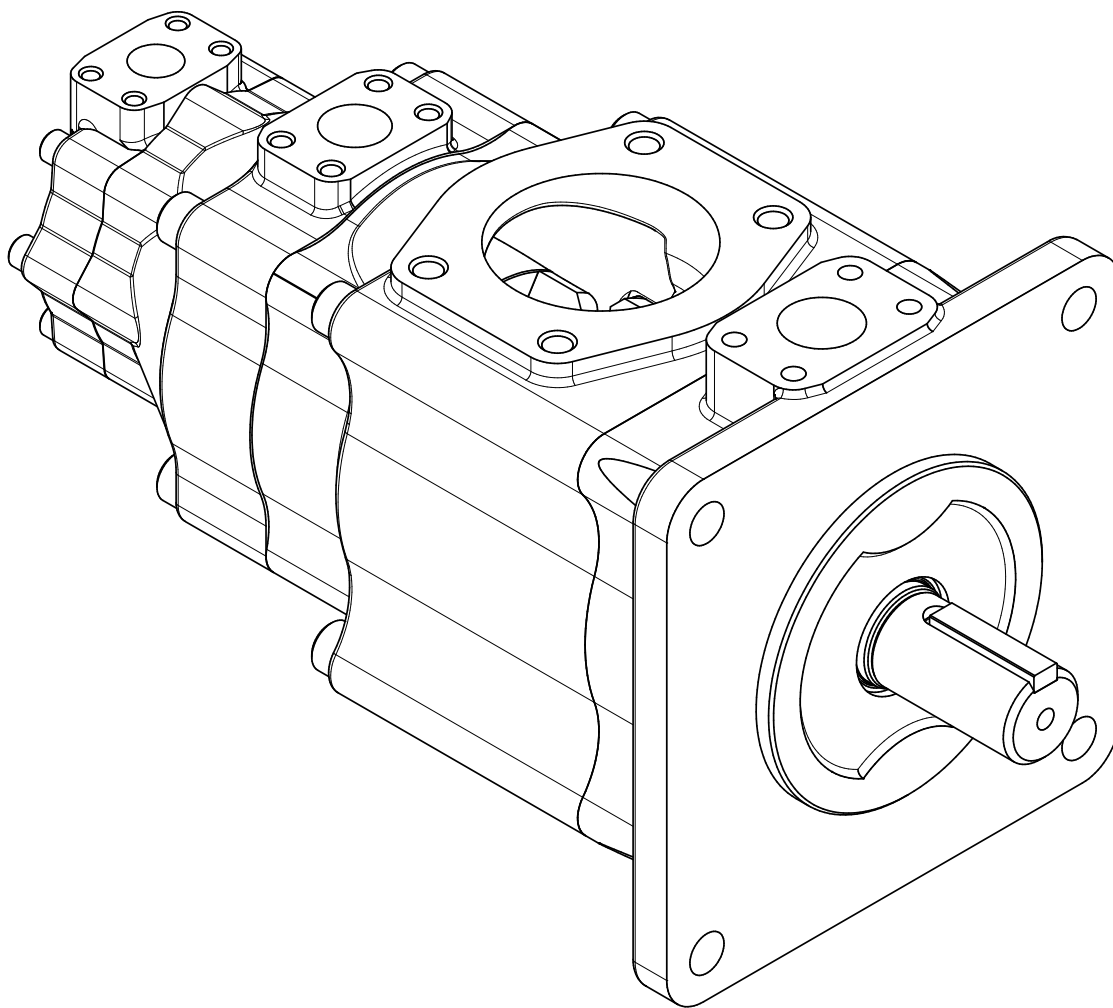




Hydraulic Pumps - Service Information

T7EDB - T7EDBS

Denison Vane Technology



ENGINEERING YOUR SUCCESS.

Model description

Hydraulic Pumps

T7EDB - T7EDBS, Denison Vane Pumps

Model No. **T7EDB or T7EDBS - 062 - B35 - B10 - 1 R 00 - A 1 - M1 - ..****T7EDB series - ISO 4 bolts 3019-2**

Mounting flange 250-B4-HW

T7EDBS series - SAE E 4 bolts

J744 mounting flange

Displacement P1

042 = 132,3 057 = 183,3
 045 = 142,4 062 = 196,7
 050 = 158,5 066 = 213,3
 052 = 164,8 072 = 227,1
 054 = 171,0 085 = 268,7

Displacement P2

Volumetric displacement (ml/rev.)

B14 = 44,0 B24 = 81,1 B38 = 120,6
 B17 = 55,0 B28 = 90,0 B42 = 137,5
 B20 = 66,0 B31 = 99,2 045 = 145,7
 B22 = 70,3 B35 = 113,4 050 = 158,0

Displacement P3

Volumetric displacement (ml/rev.)

B02 = 5,8 B07 = 22,5 B11 = 35,0
 B03 = 9,8 B08 = 24,9 B12 = 41,0
 B04 = 12,8 B09 = 28,0 B14 = 45,0
 B05 = 15,9 B10 = 31,8 B15 = 50,0
 B06 = 19,8

Modifications**Mounting w/connection variables**

4 bolts SAE flanges J518

P1 = 1.1/2" P2 = 1.1/4" - S = 4"		
Type	Metric thread	UNC thread
T7DDB - P3 = 3/4"	M1	
T7DDBS - P3 = 3/4"	M1	01
T7DDB - P3 = 1"	M0	
T7DDBS - P3 = 1"	M0	00

Seal class

1 = S1 BUNA N - 0,7 bar max. (for mineral oil)
 4 = S4 EPDM - 7 bar max. (for fire resistant fluids)
 5 = S5 VITON® - 7 bar max. (for mineral oil and fire resistant fluids)

Design letter**Porting combination**

00 = standard

Direction of rotation (shaft end view)

R = Clockwise L = Counter-clockwise

Type of shaft T7EDBS

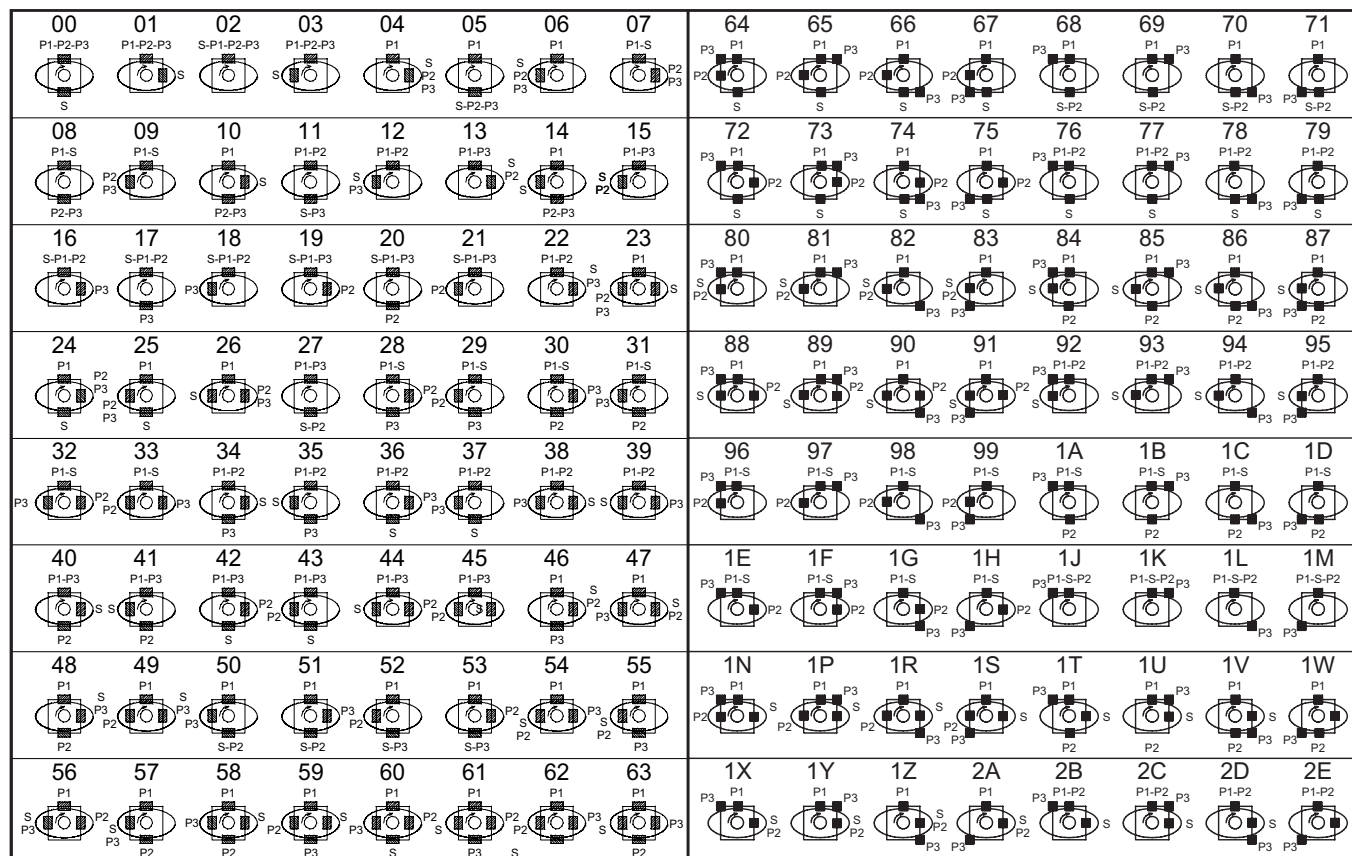
2 = keyed (SAE D & E)
 3 = splined (SAE D & E) 13 teeth

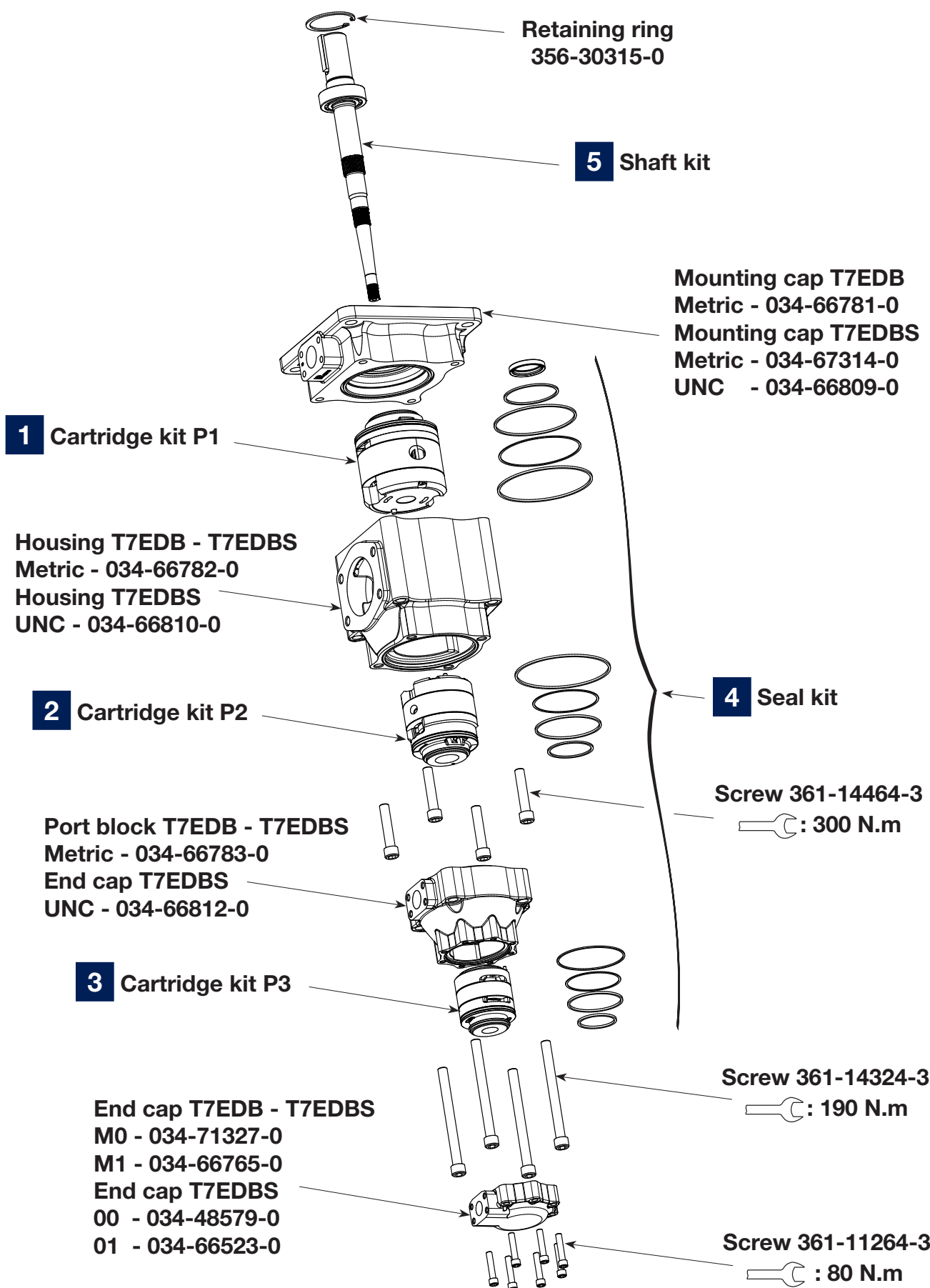
Type of shaft T7EDB

1 = keyed (ISO 3019/2 - G45N)

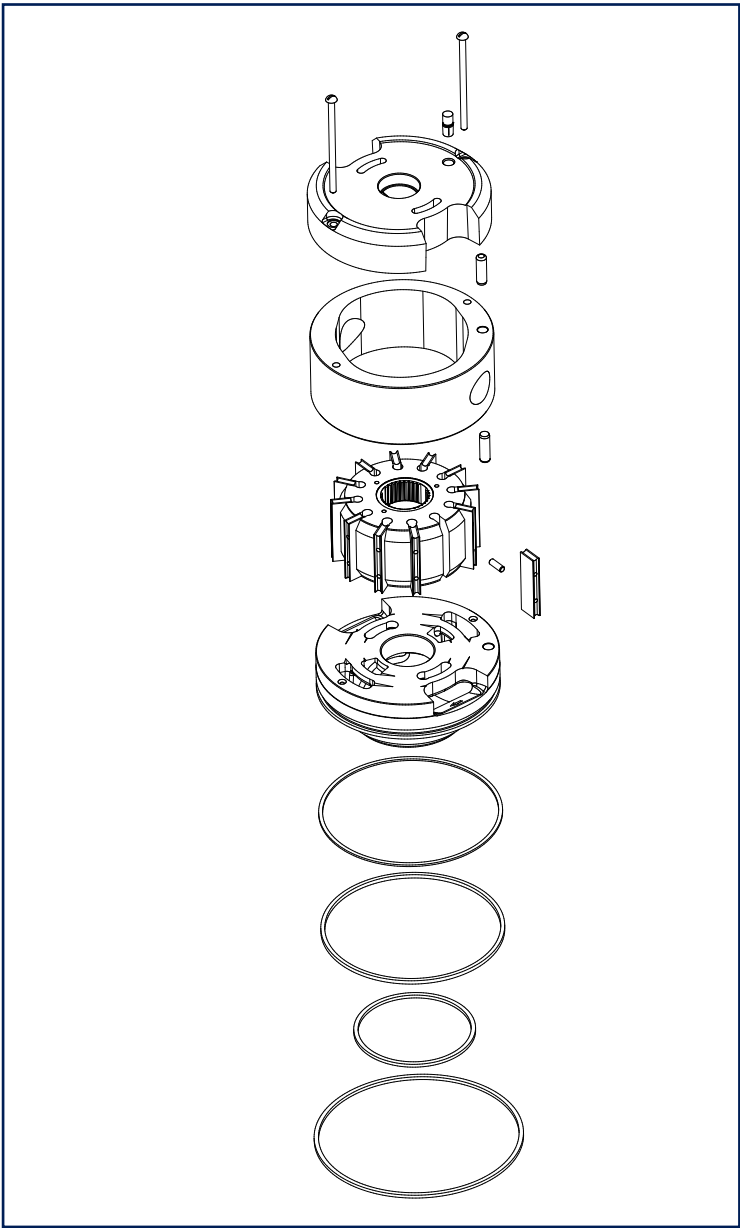
Position of the ports

P = Pressure S = Suction





1 Cartridge kit P1 (Preferred)



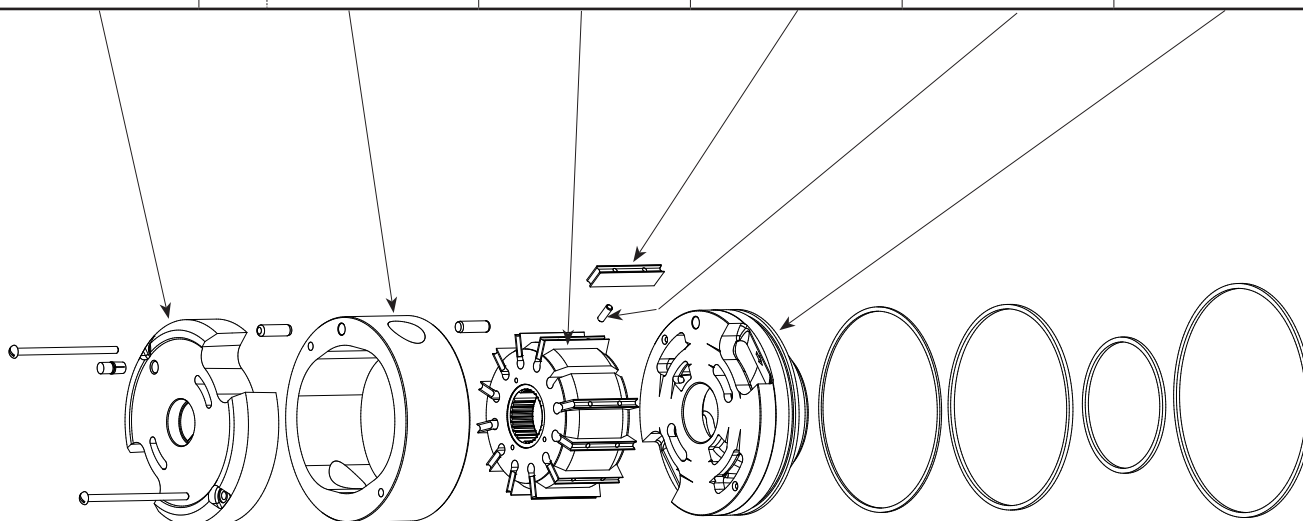
T7EDB - T7EDBS - 0** - B** - B** - * * * * - * * - **

Cartridge kit P1	Code N°	
Displacement	R (CW)	L (CCW)
042	S24-77675-*	S24-77676-*
045	S24-77677-*	S24-77678-*
050	S24-77679-*	S24-77680-*
052	S24-77681-*	S24-77682-*
054	S24-77683-*	S24-77684-*
057	S24-77685-*	S24-77686-*
062	S24-77687-*	S24-77688-*
066	S24-77689-*	S24-77690-*
072	S24-77691-*	S24-77692-*
085	S24-77693-*	S24-77694-*

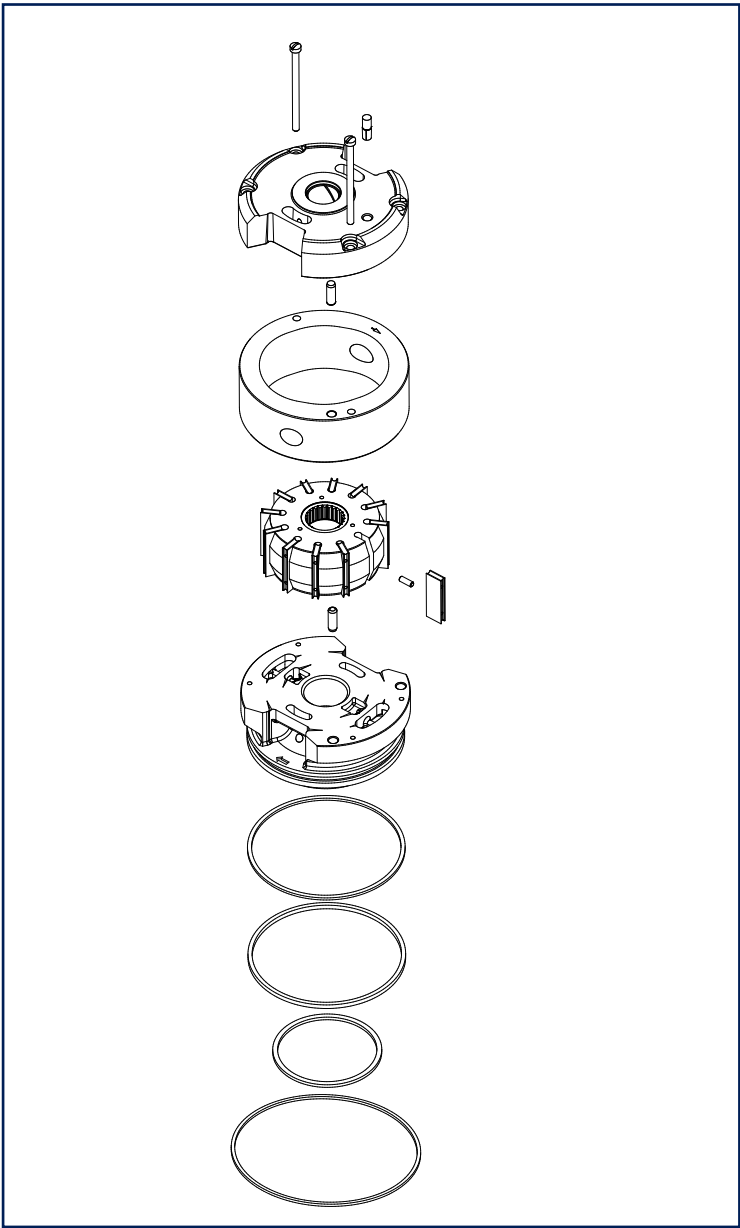
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P1 loose items

1 x	1 x		1 x	12 x	12 x	1 x
CW - S24-73820-0 CCW - S24-76213-0	042	034-67503-0	S24-10185-0	034-59162-0	034-59161-0	CW - 034-67408-0 CCW - 034-67434-0
	045	034-67504-0				
	050	034-67505-0				
	052	034-67506-0				
	054	034-67619-0				
	057	034-67507-0				
	062	034-67508-0				
	066	034-67509-0				
	072	034-67447-0				
	085	034-67455-0				



2 Cartridge kit P2 (Preferred)



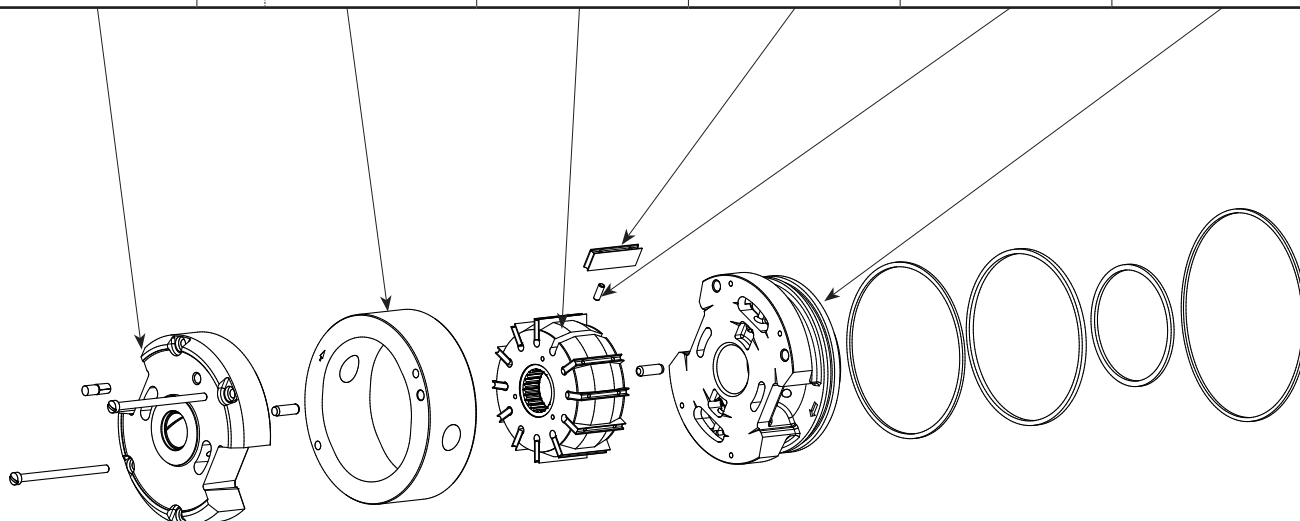
T7EDB - T7EDBS - 0** - B** - B** - * * * * - * * - **

Cartridge kit P2	Code N°	
Displacement	R (CW)	L (CCW)
B14	S24-90570-*	S24-90571-*
B17	S24-90572-*	S24-90573-*
B20	S24-90574-*	S24-90575-*
B22	S24-90576-*	S24-90577-*
B24	S24-90578-*	S24-90579-*
B28	S24-90580-*	S24-90581-*
B31	S24-90582-*	S24-90583-*
B35	S24-90584-*	S24-90585-*
B38	S24-90586-*	S24-90587-*
B42	S24-90588-*	S24-90589-*
045	S24-10871-*	S24-10872-*
050	S24-40387-*	S24-40388-*

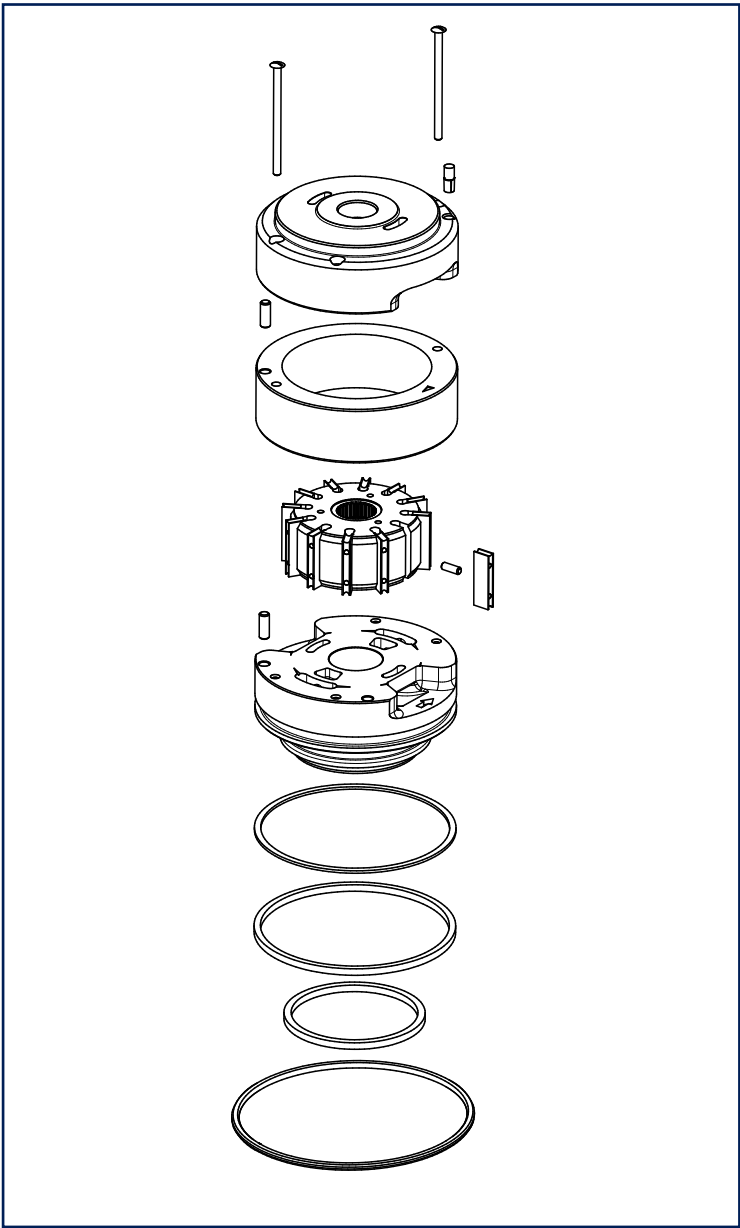
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P2 loose items

1 x	1 x		1 x	12 x	12 x	1 x
S24-90562-0	014	034-67469-0	S24-72783-0	034-67453-0	034-59098-0	034-67479-0
	017	034-67470-0				
	020	034-67159-0				
	022	034-67482-0				
	024	034-67158-0				
	028	034-67157-0				
	031	034-67156-0				
	035	034-67155-0				
	038	034-67154-0				
	042	034-67153-0				
CCW - S24-76149-0 CW - S24-76148-0	045	034-59131-0	S24-10121-0	(x 10) 034-53588-0	(x 10) 034-59130-0	CCW - 034-67111-0 CW - 034-67113-0
	050	034-66737-0				



3 Cartridge kit P3 (Preferred)



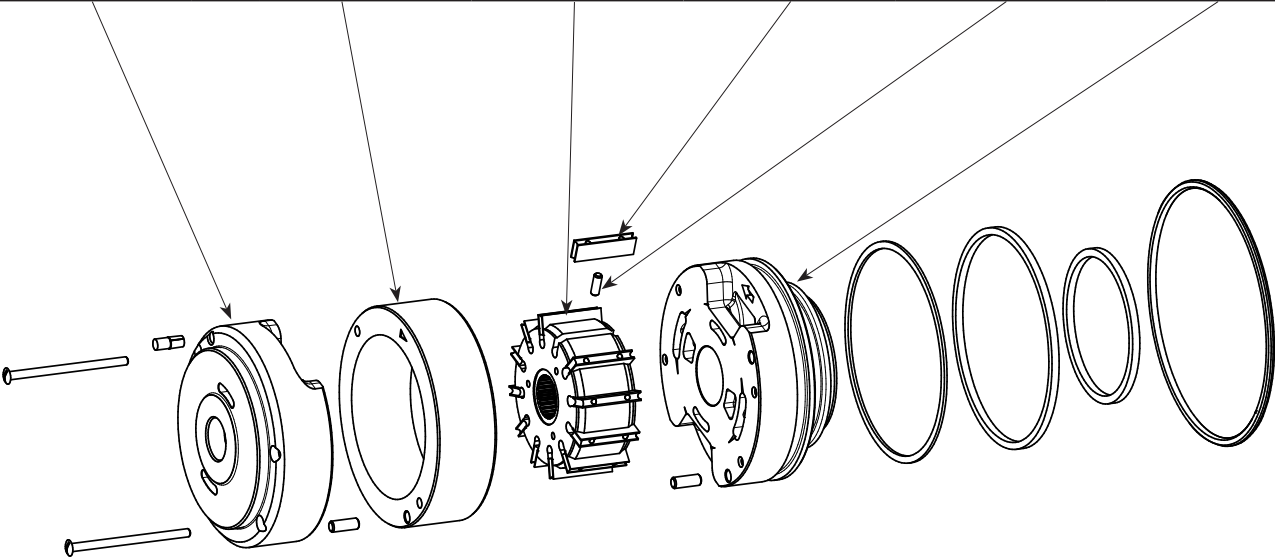
T7EDB - T7EDBS - 0** - B** - B** - * * * * - * * - **

Cartridge kit P3	Code N°	
Displacement	R (CW)	L (CCW)
B02	S24-50610-*	S24-50611-*
B03	S24-50612-*	S24-50613-*
B04	S24-50614-*	S24-50615-*
B05	S24-50616-*	S24-50617-*
B06	S24-50618-*	S24-50619-*
B07	S24-59907-*	S24-59908-*
B08	S24-50620-*	S24-50621-*
B09	S24-72910-*	S24-72697-*
B10	S24-50622-*	S24-50623-*
B11	S24-77173-*	S24-76880-*
B12	S24-59009-*	S24-59010-*
B14	S24-77174-*	S24-77176-*
B15	S24-59011-*	S24-59012-*

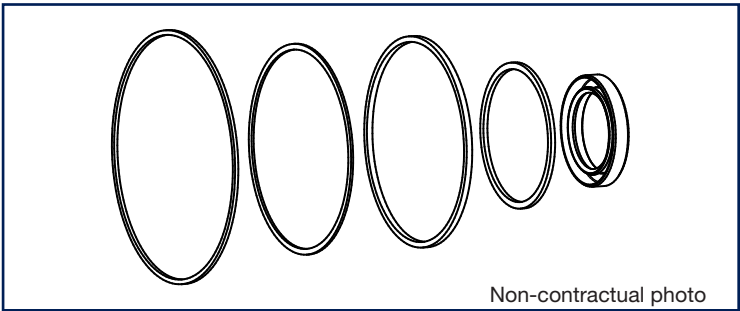
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P3 loose items

1 x	1 x		1 x	12 x	12 x	1 x
S24-50642-0	002	034-66909-0	S24-49820-0	034-66917-0	034-66991-0	034-66923-0
	003	034-66910-0				
	004	034-66911-0				
	005	034-66912-0				
	006	034-66913-0				
	007	034-67063-0				
	008	034-66914-0				
	009	034-67383-0				
	010	034-66915-0				
	011	034-67461-0				
	012	034-67032-0				
	014	034-67409-0				
	015	034-67034-0				

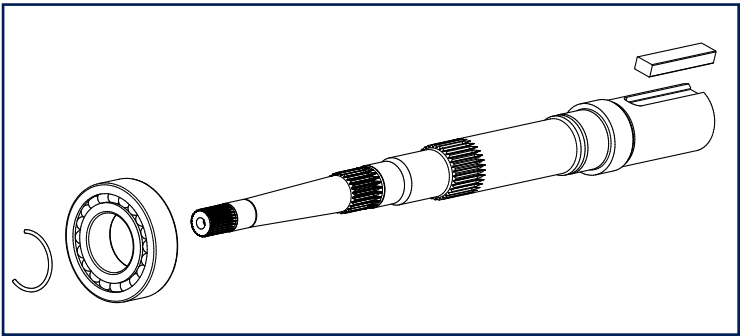


4 Seal kit

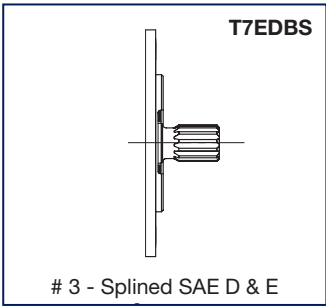
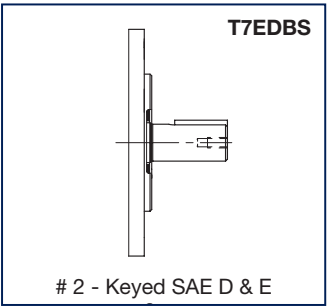
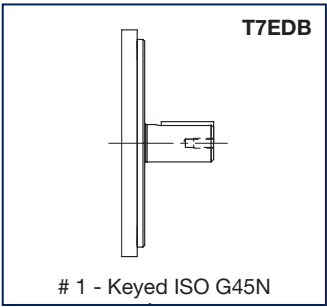


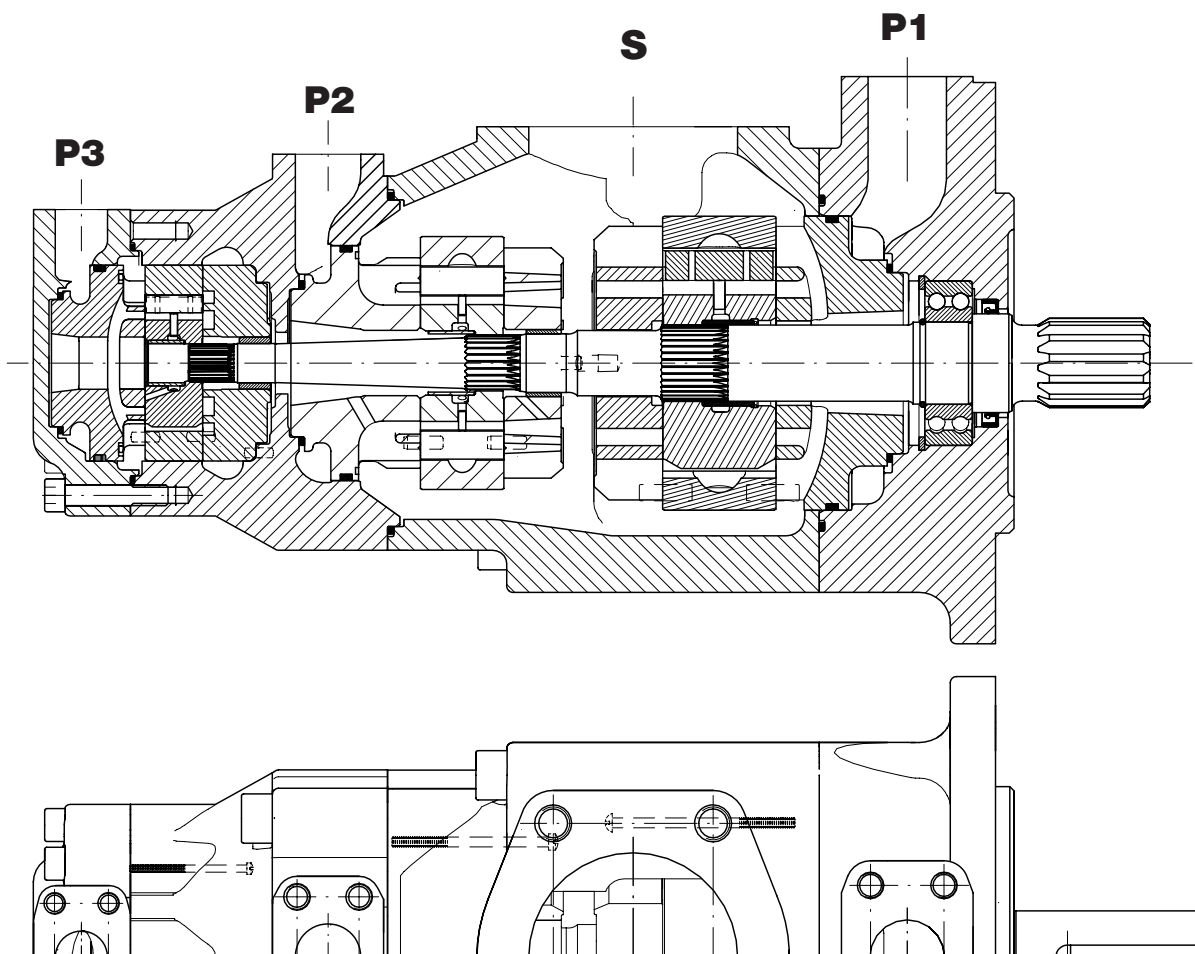
Seal kit	Code N°
T7EDB-T7EDBS - *** - *** - *** - * 1 - **	S24-44823-0
T7EDB-T7EDBS - *** - *** - *** - * 4 - **	S24-44823-4
T7EDB-T7EDBS - *** - *** - *** - * 5 - **	S24-44823-5

5 Shaft kit



Shaft kit	Code N°
T7EDB - *** - *** - *** - 1 *** - * - **	S24-44516-0
T7EDBS - *** - *** - *** - 2 *** - * - **	S24-51348-0
T7EDBS - *** - *** - *** - 3 *** - * - **	S24-44517-0





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