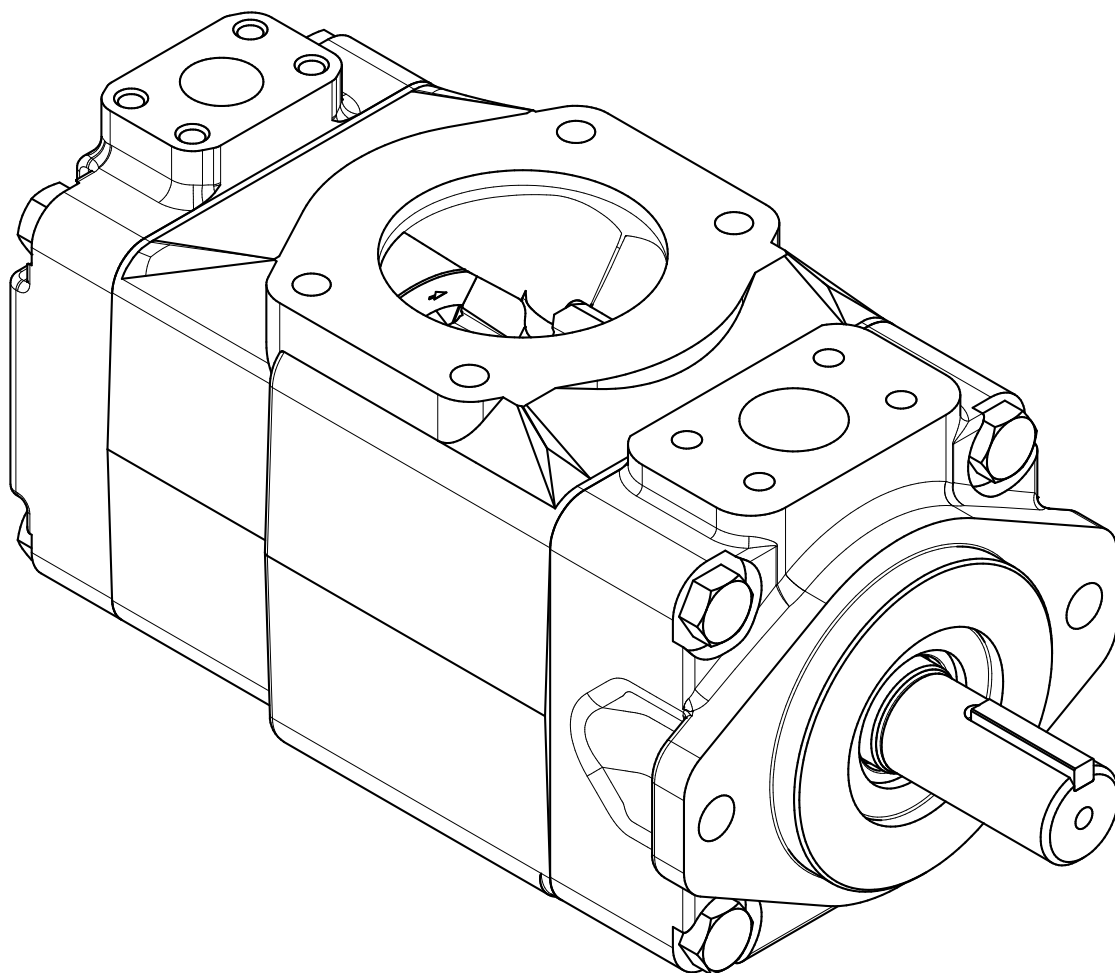




Hydraulic Pumps - Service Information

T7ED - T7EDS

Denison Vane Technology



ENGINEERING YOUR SUCCESS.

Model description**Hydraulic Pumps****T7ED - T7EDS, Denison Vane Pumps****Model No.** **T7ED or T7EDS - 042 - B22 - 1 R 00 - A 1 - M0 - ..****T7ED series - 125 A2 HW**

ISO 2 bolts 3019-2 mounting flange

T7EDS series - SAE C 2 bolts

J744 mounting flange

Displacement P1

Volumetric displacement (ml/rev.)

042 = 132,3 054 = 171,0 066 = 213,3

045 = 142,4 057 = 183,3 072 = 227,1

050 = 158,5 062 = 196,7 085 = 268,7

052 = 164,8

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

Type of shaft T7EDS

1 = keyed (SAE CC)

2 = keyed (non SAE)

3 = splined (SAE C) 14 teeth

4 = splined (SAE CC) 17 teeth

Type of shaft T7ED - T7EDS

5 = keyed (ISO R775 - G38 M)

Modifications**Mounting w/connection variables**

4 bolts SAE flange J518

	P1 = 1.1/2" - P2 = 1.1/4" - S = 4"	
	Metric thread	UNC thread
T7ED	M0	
T7EDS	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)

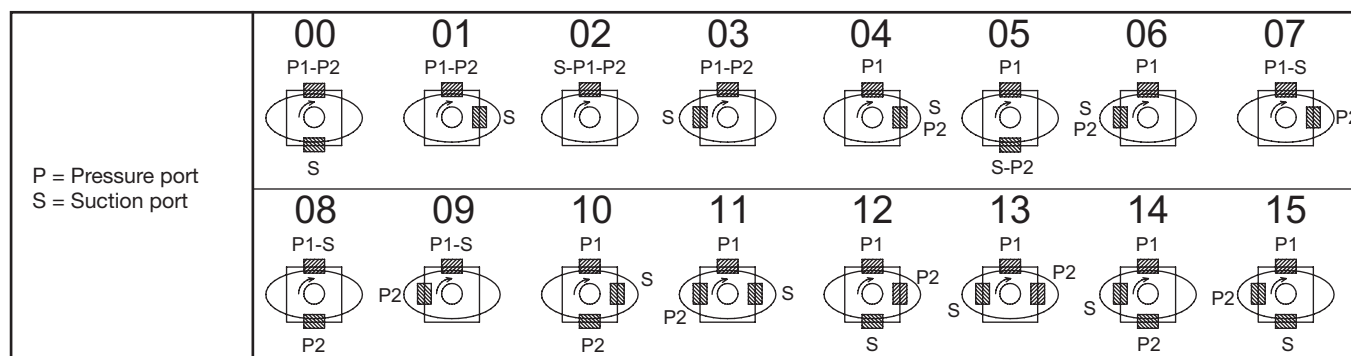
Design letter**Porting combination**

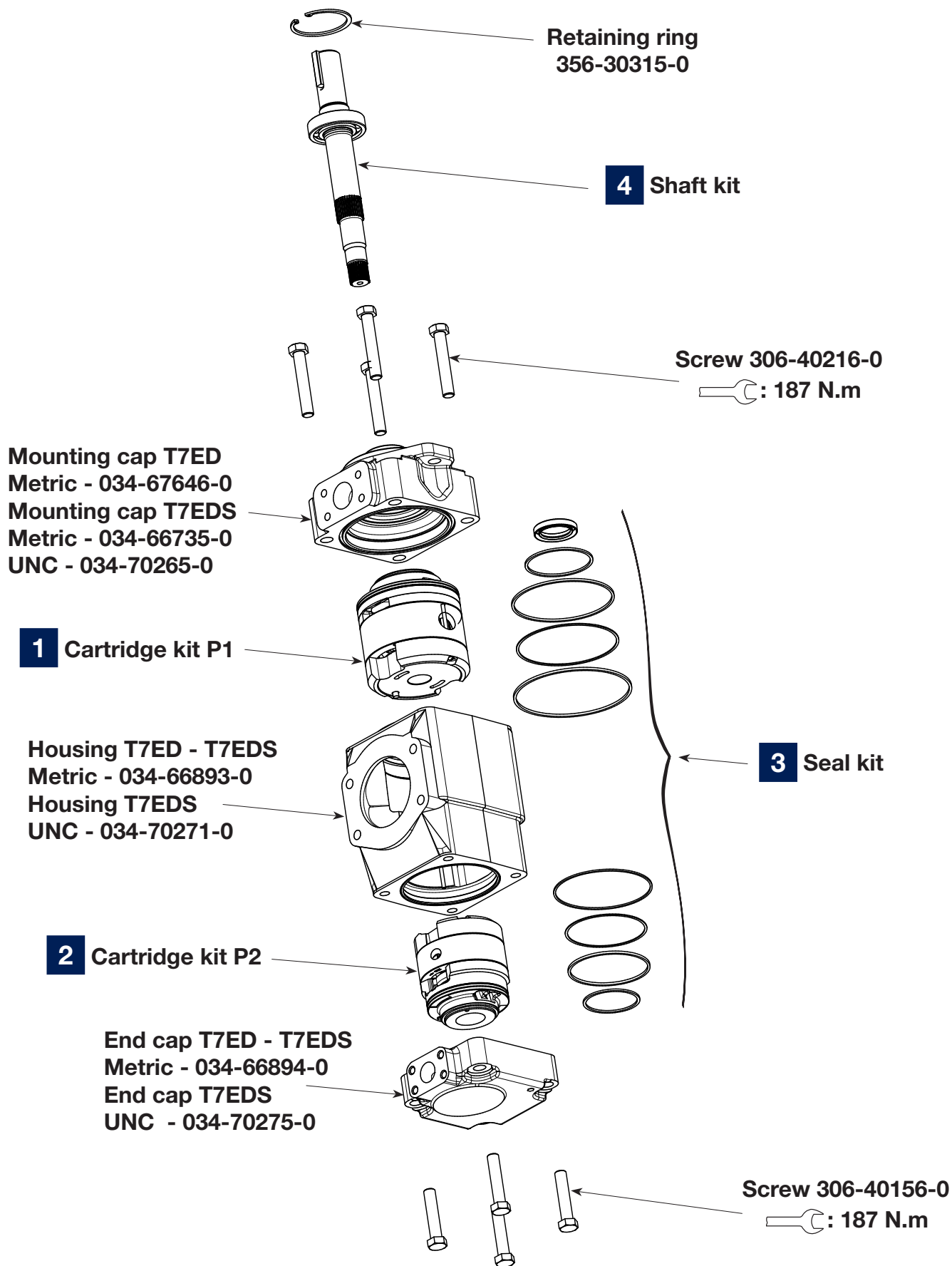
00 = standard

Direction of rotation (shaft end view)

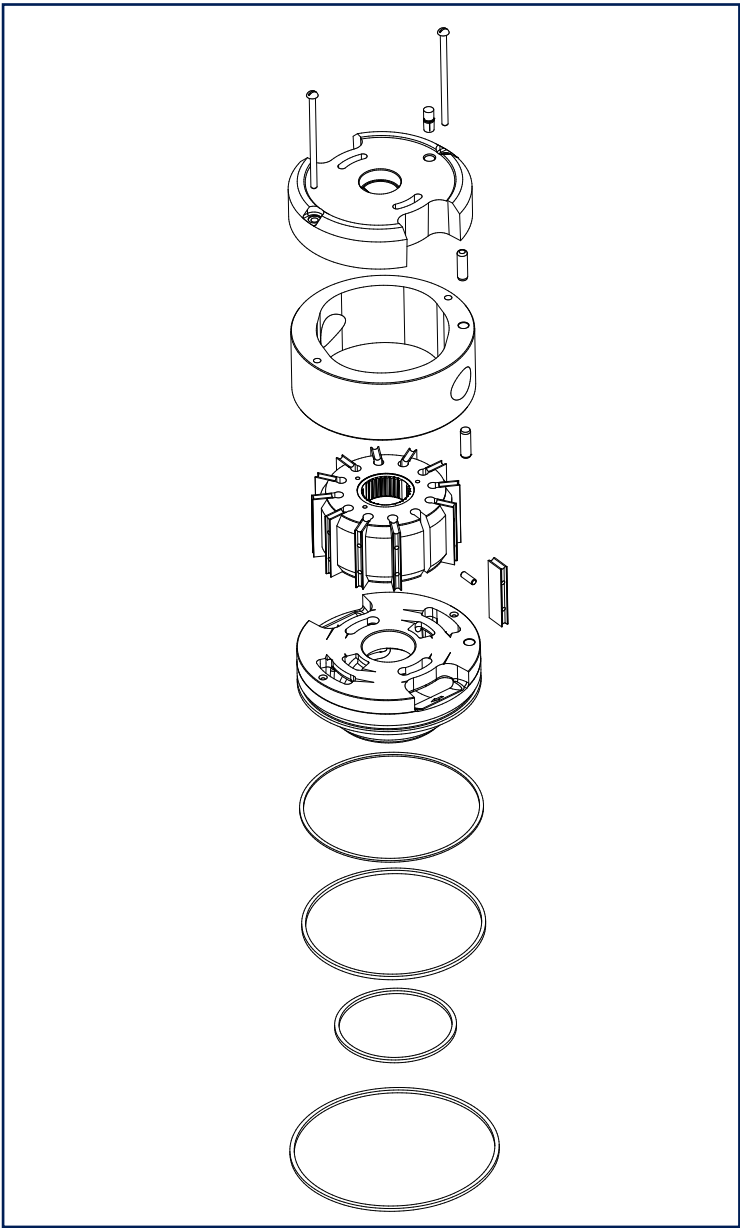
R = Clockwise

L = Counter-clockwise

Position of the ports



1 Cartridge kit P1 (Preferred)



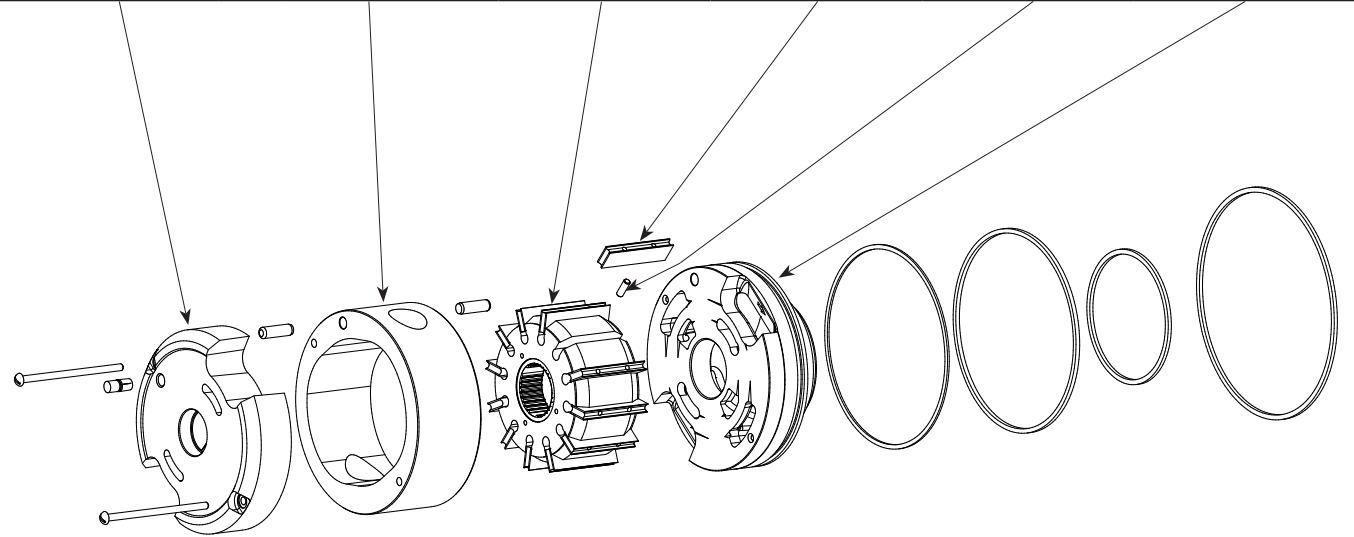
T7ED - T7EDS - 0** - B** - * * * * - * * - **

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-*

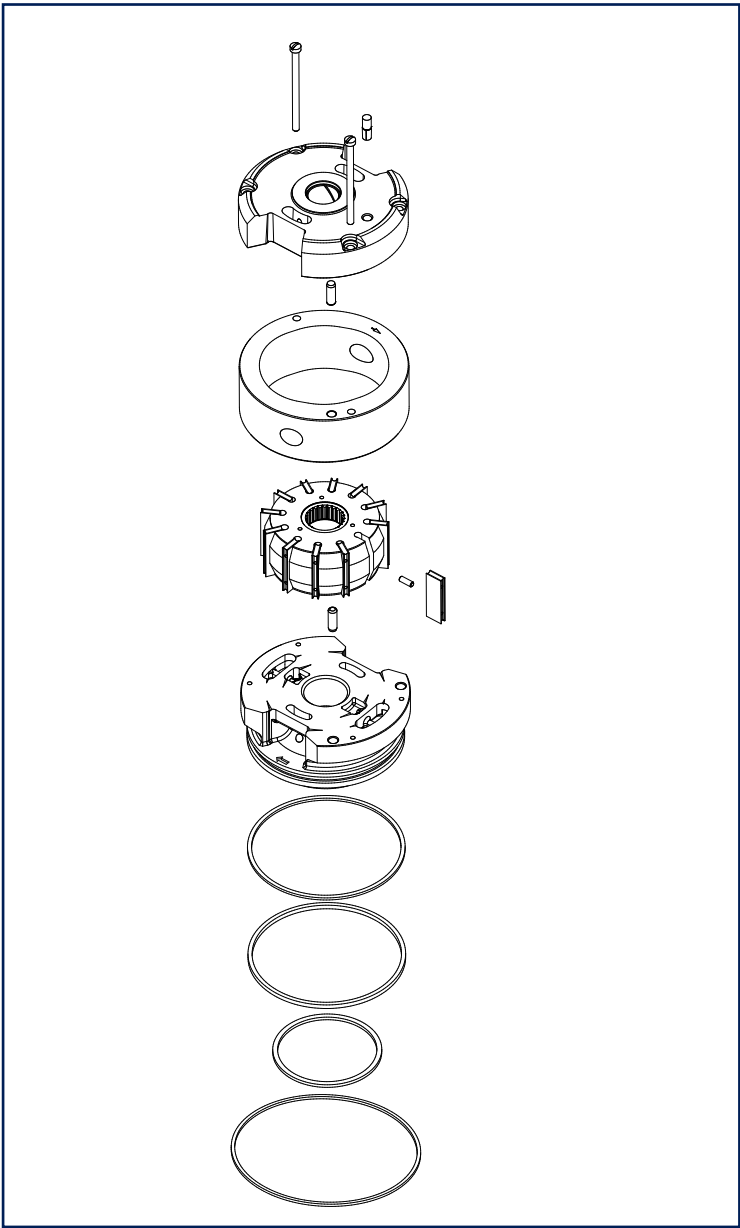
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

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				



1 Cartridge kit P2 (Preferred)



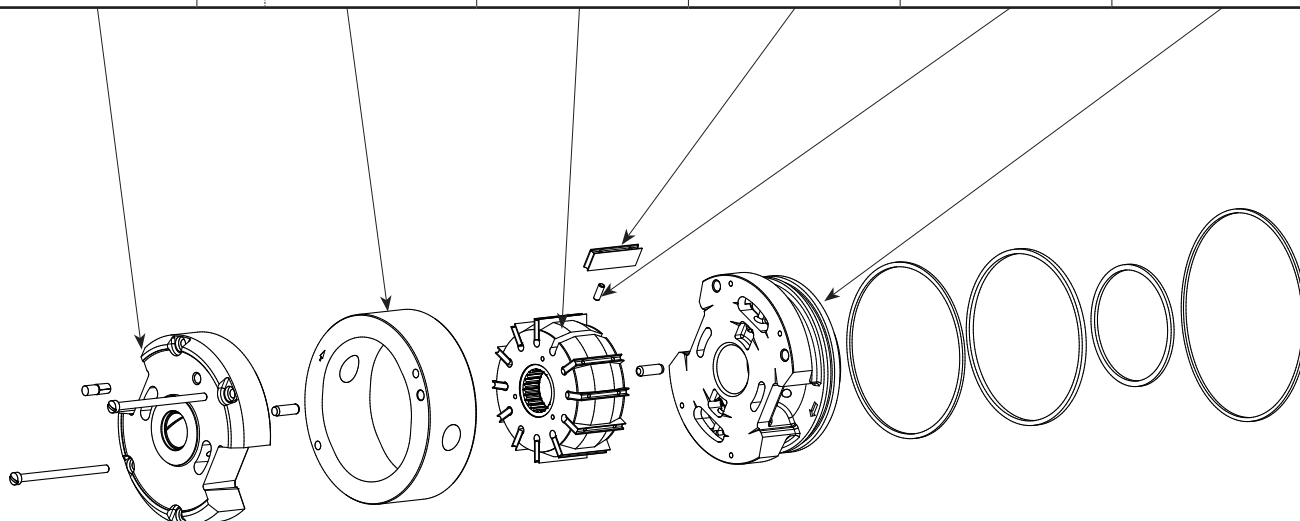
T7ED - T7EDS - 0** - B** - * * * * - * * - **

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-*

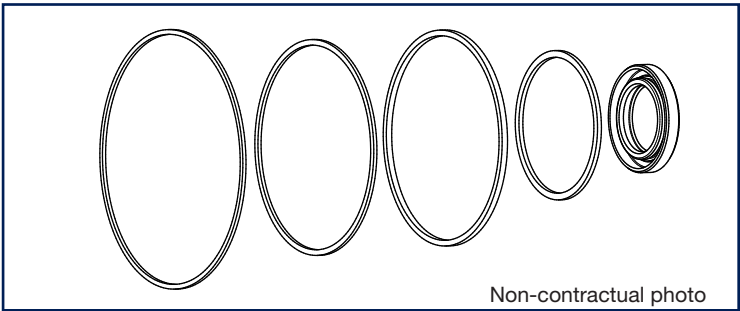
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P2 loose items

1 x	1 x		1 x	12 x	12 x	1 x
S24-90562-0	014	034-67469-0	S24-73783-0	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				

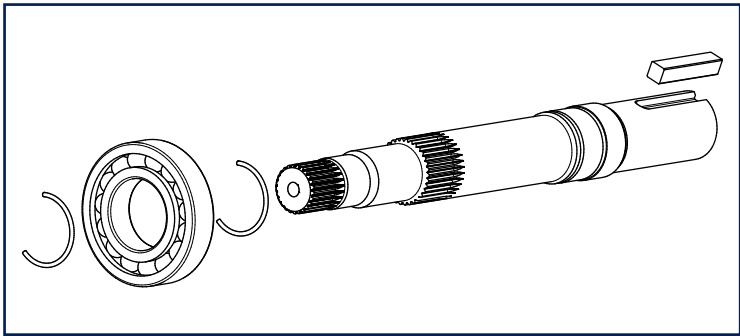


2 Seal kit

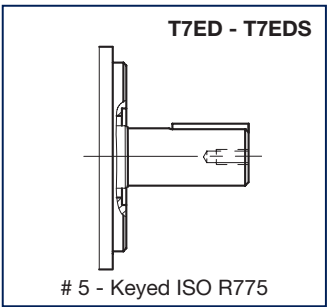
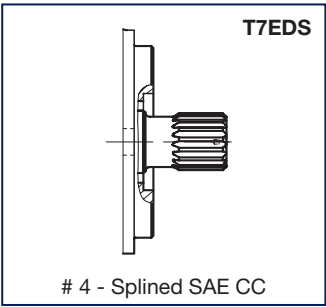
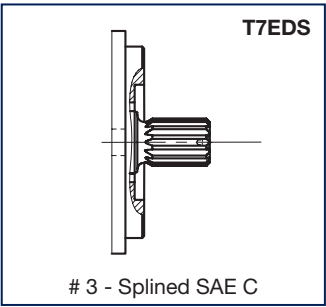
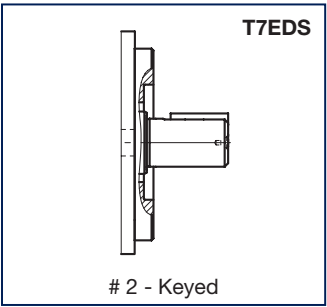
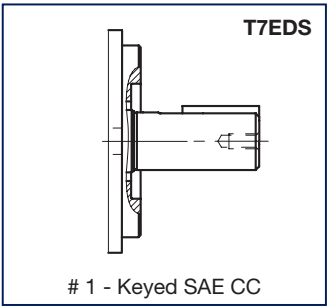


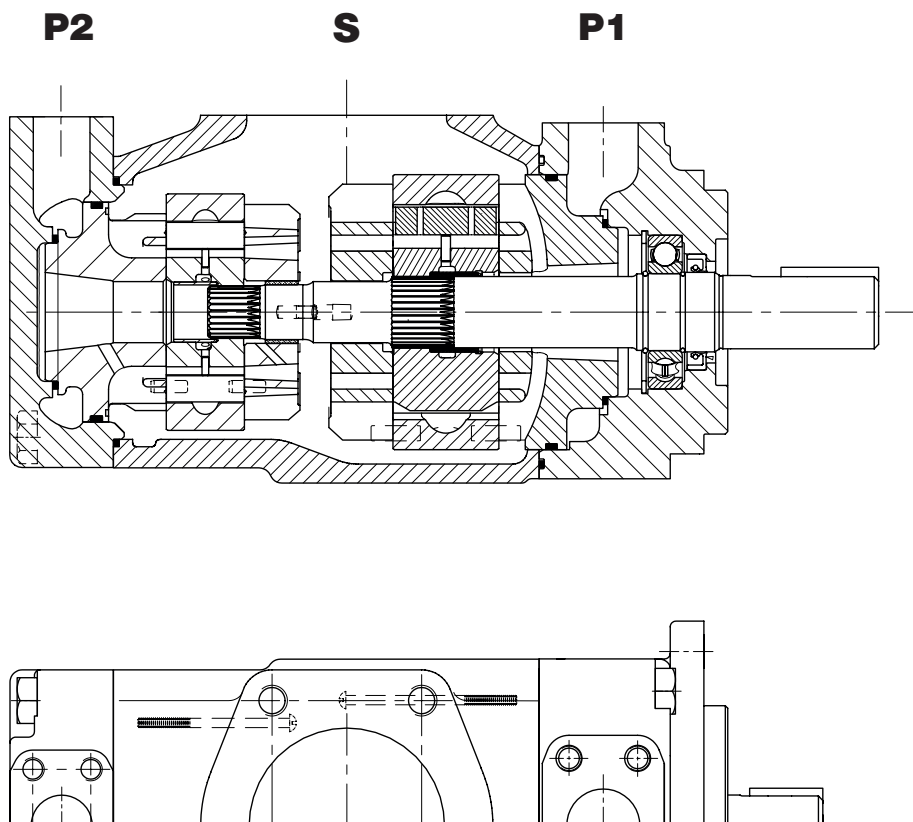
Seal kit	Code N°
T7ED - T7EDS - *** - *** - * 1 - **	S24-10219-0
T7ED - T7EDS - *** - *** - * 4 - **	S24-10219-4
T7ED - T7EDS - *** - *** - * 5 - **	S24-10219-5

3 Shaft kit



Shaft kit	Code N°
T7EDS - *** - *** - 1 *** - * - **	S14-28182-0
T7EDS - *** - *** - 2 *** - * - **	S24-49214-0
T7EDS - *** - *** - 3 *** - * - **	S14-28180-0
T7EDS - *** - *** - 4 *** - * - **	S14-28181-0
T7ED - T7EDS - *** - *** - 5 *** - * - **	S24-77695-0





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Ed. 2016-04-04

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