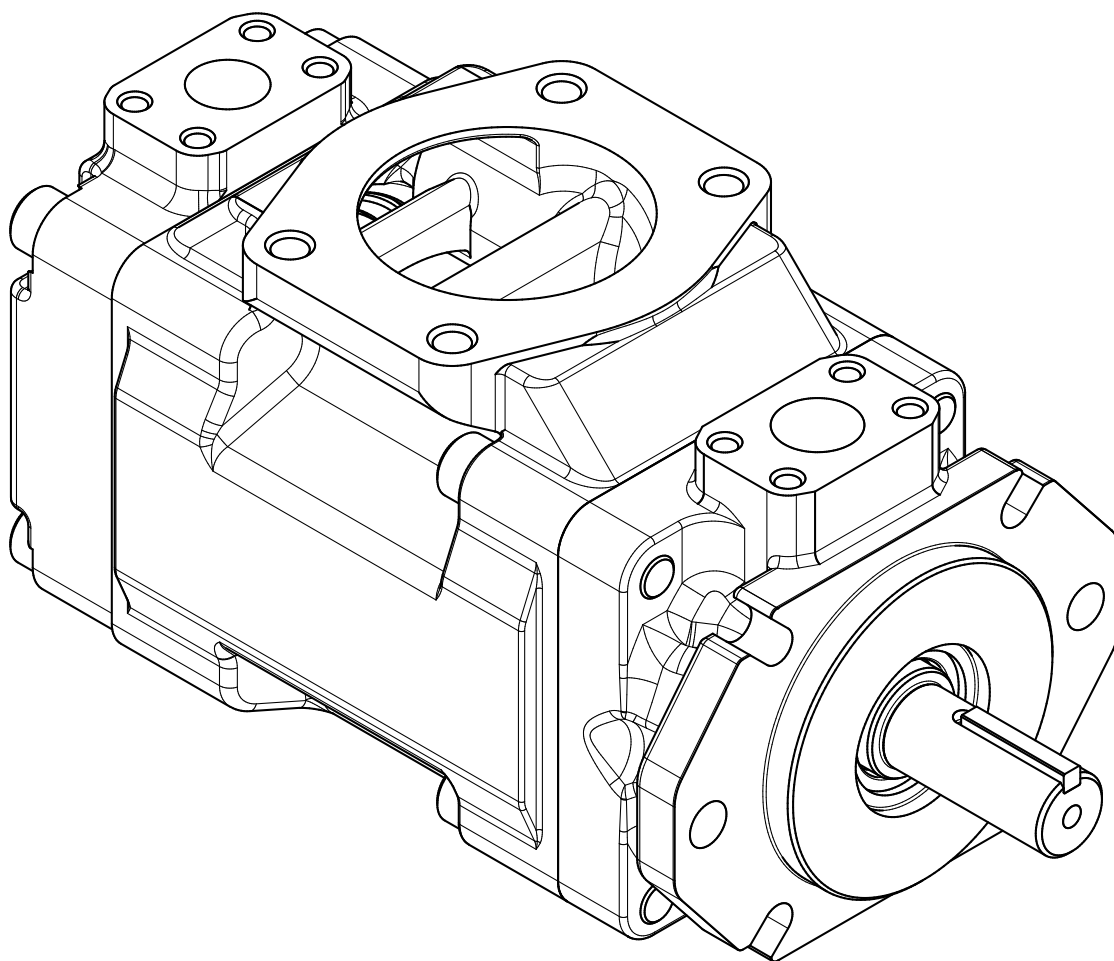




Hydraulic Pumps - Service Information

T7DD - T7DDS

Denison Vane Technology



ENGINEERING YOUR SUCCESS.

Model No. T7DD or T7DDS - B42 - B22 - 1 R 00 - A 1 M0 - ..

T7DD series - ISO 6 bolts 3019-2
Mounting flange 125-A2-HW or 125-B4 HW

T7DDS series - SAE C 6 bolts
J744 mounting flange

Displacement P1 & P2
Volumetric displacement (ml/rev.)
B14 = 44,0 B31 = 99,2
B17 = 55,0 B35 = 113,4
B20 = 66,0 B38 = 120,6
B22 = 70,3 B42 = 137,5
B24 = 81,1 045 = 145,7
B28 = 90,0 050 = 158,0

Type of shaft T7DDS
1 = keyed (SAE C)
2 = keyed (SAE CC)
3 = splined (SAE C) 14 teeth
4 = splined (SAE BB) 15 teeth

Type of shaft T7DD - T7DDS
5 = keyed (ISO 3019-2 - G32M)

Modifications

Mounting w/connection variables
4 bolts SAE flanges J518

Type	P1 & P2 = 1.1/4" - S = 4"	
	Metric thread	UNC thread
T7DD	M0	
T7DDS	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)

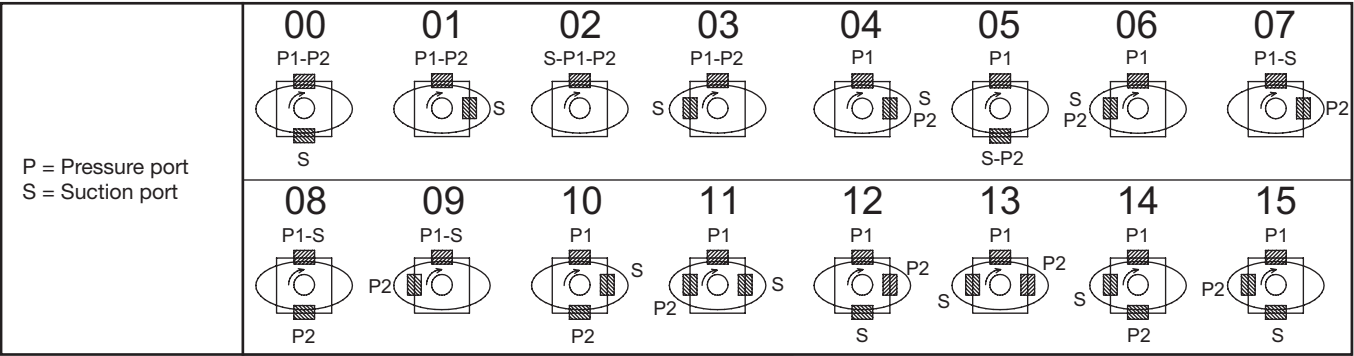
Design letter

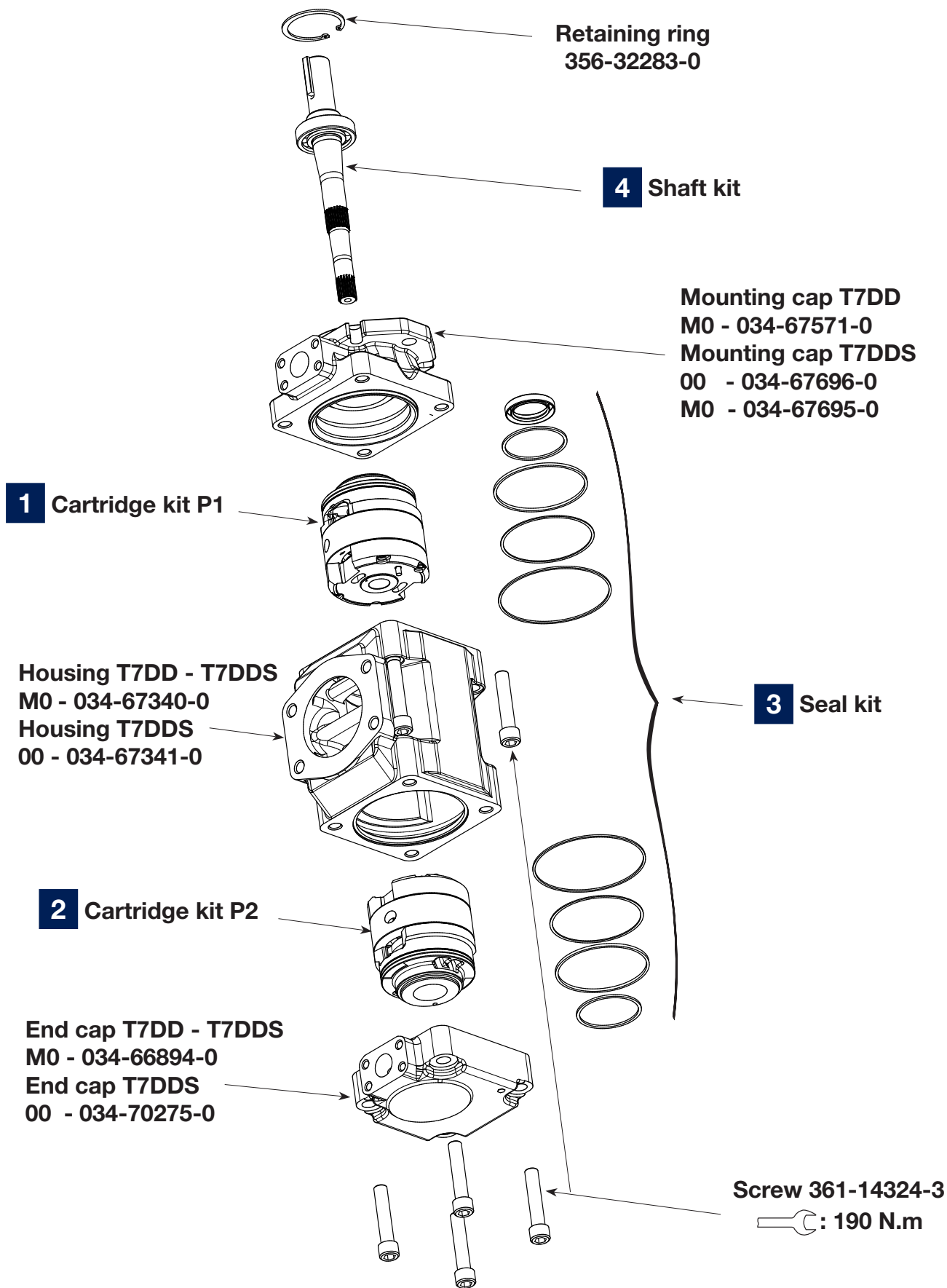
Porting combination
00 = standard

Direction of rotation (shaft end view)

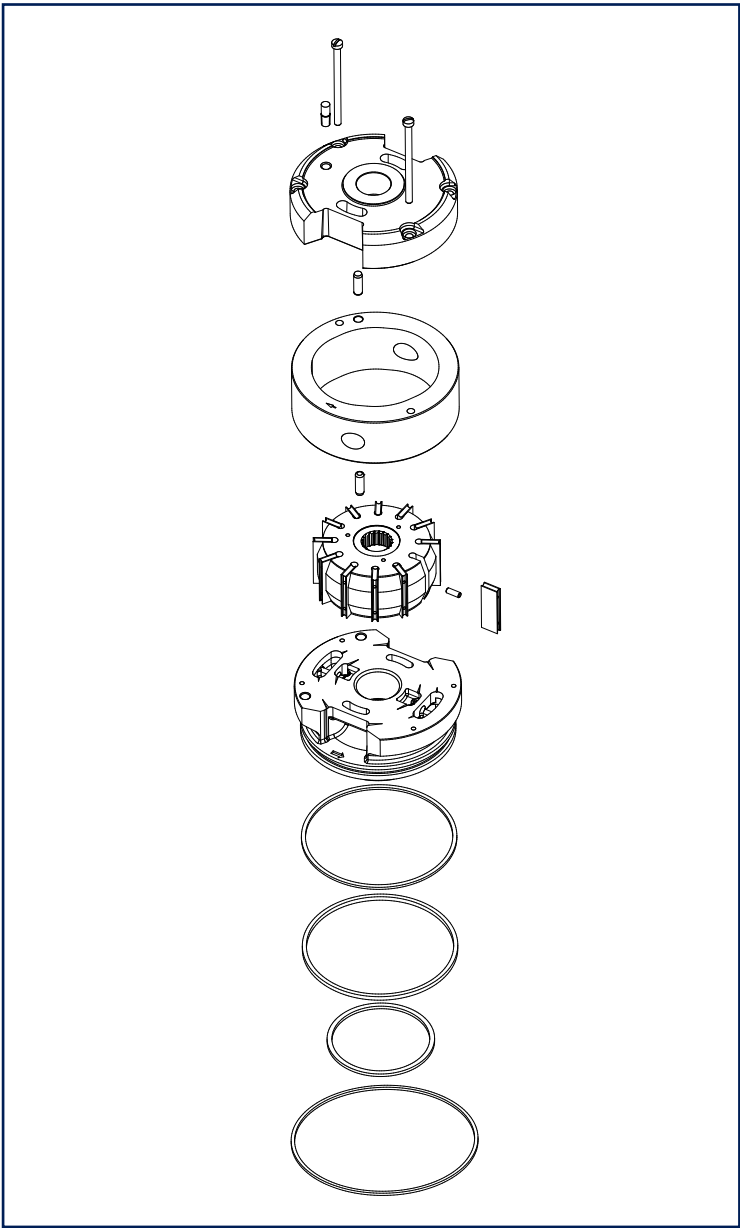
R = Clockwise
L = Counter-clockwise

Position of the ports





1 Cartridge kit P1 (Preferred)



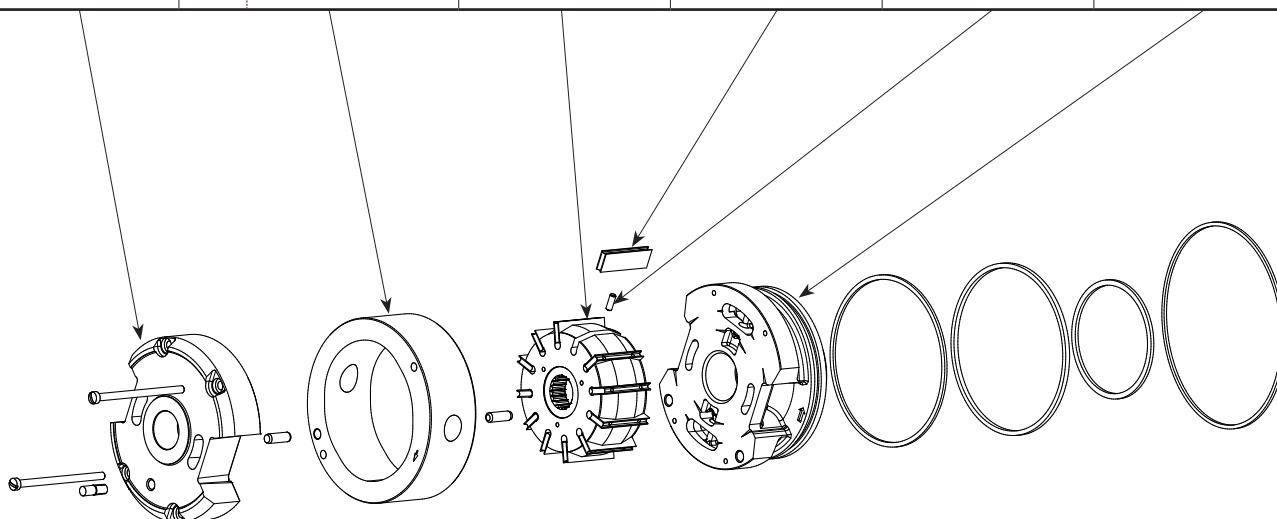
T7DD - T7DDS - B** - B** - * * * * - * * - **

Cartridge kit P1	Code N°	
Displacement	R (CW)	L (CCW)
B14	S24-76963-*	S24-76964-*
B17	S24-76965-*	S24-76966-*
B20	S24-76967-*	S24-76968-*
B22	S24-76969-*	S24-76970-*
B24	S24-76971-*	S24-76972-*
B28	S24-76973-*	S24-76974-*
B31	S24-76975-*	S24-76976-*
B35	S24-76977-*	S24-76978-*
B38	S24-76979-*	S24-76980-*
B42	S24-76981-*	S24-76982-*
045	S24-10859-*	S24-10860-*
050	S24-40236-*	S24-40237-*

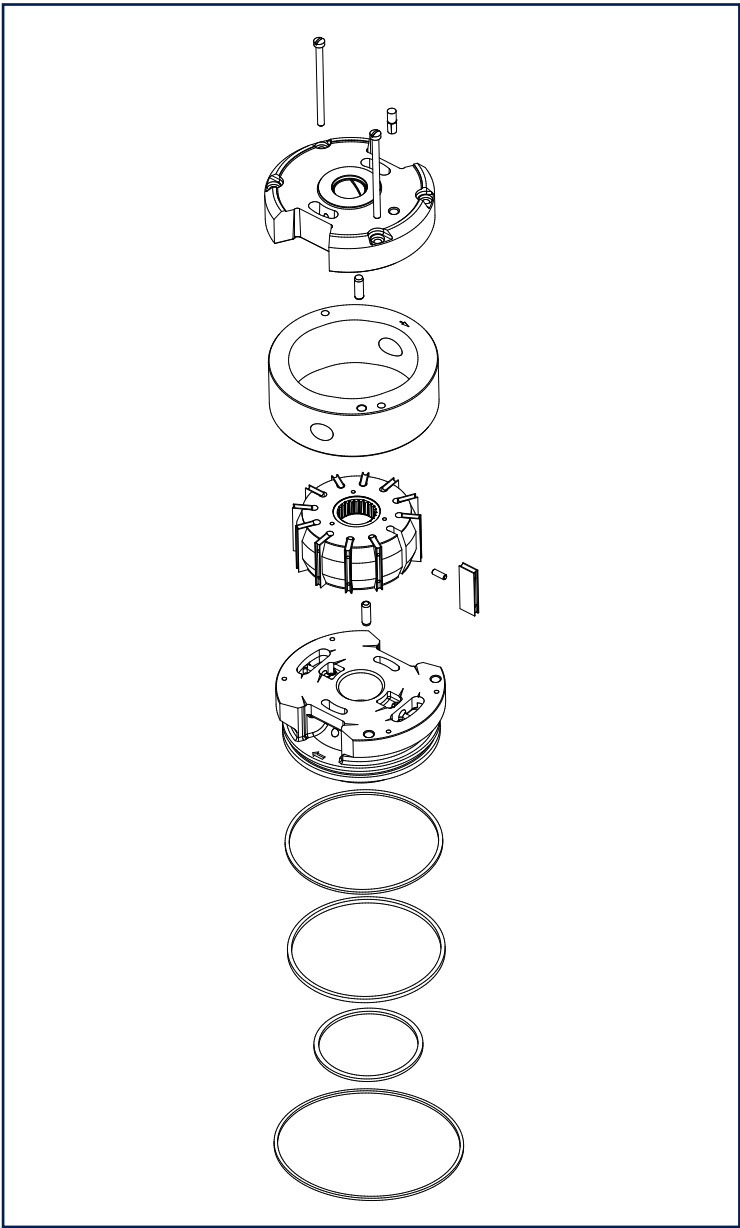
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P1 loose items

1 x	1 x		1 x	12 x	12 x	1 x
S24-76916-0	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 - S24-63951-0 CW - S24-63950-0	045	034-59131-0	S24-10121-0	(x 10) 034-53588-0	(x 10) 034-59130-0	CCW - 034-67113-0 CW - 034-67111-0
	050	034-66737-0				



2 Cartridge kit P2 (Preferred)



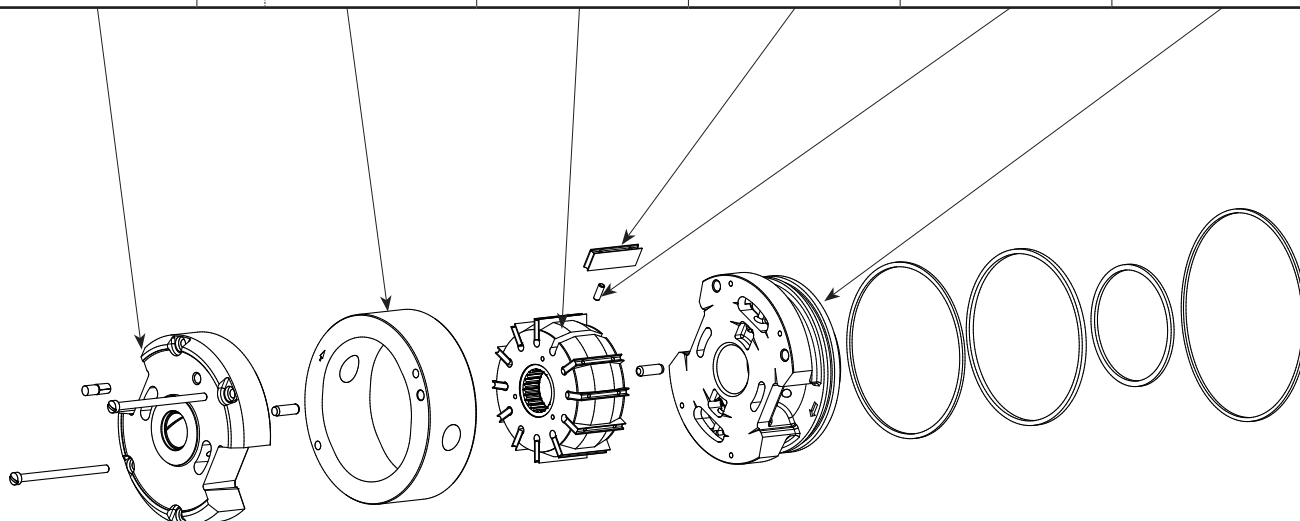
T7DD - T7DDS - B** - B** - * * * * - * * - **

Cartridge kit P2	Code N°	
Displacement	R (CW)	L (CCW)
B14	S24-76983-*	S24-76984-*
B17	S24-76985-*	S24-76986-*
B20	S24-76987-*	S24-76988-*
B22	S24-76989-*	S24-76990-*
B24	S24-76991-*	S24-76992-*
B28	S24-76993-*	S24-76994-*
B31	S24-76995-*	S24-76996-*
B35	S24-76997-*	S24-76998-*
B38	S24-76999-*	S24-77000-*
B42	S24-77001-*	S24-77002-*
045	S24-58176-*	S24-58177-*
050	S24-58178-*	S24-58195-*

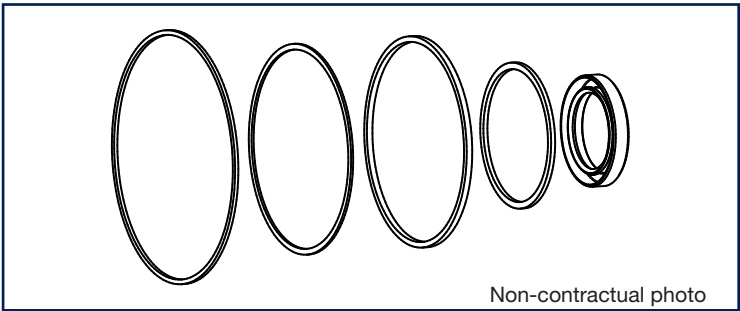
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P2 loose items

1 x	1 x		1 x	12 x	12 x	1 x
S24-76332-0	014	034-67469-0	S24-76913-0	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 - S24-63709-0 CW - S24-63710-0	045	034-59131-0	S24-51350-0	(x 10) 034-53588-0	(x 10) 034-59130-0	CCW - 034-67111-0 CW - 034-67113-0
	050	034-66737-0				

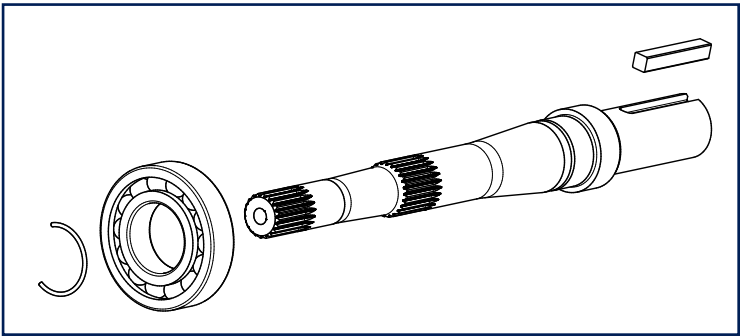


3 Seal kit

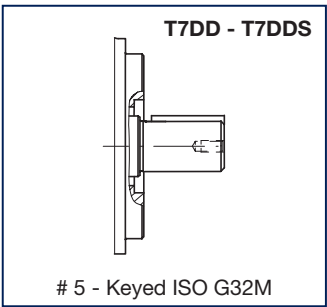
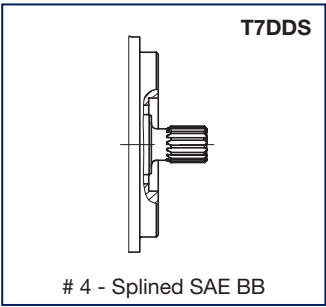
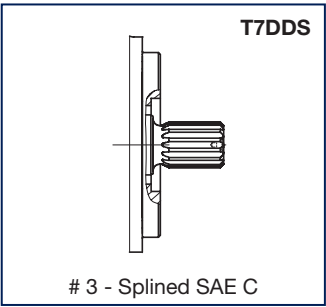
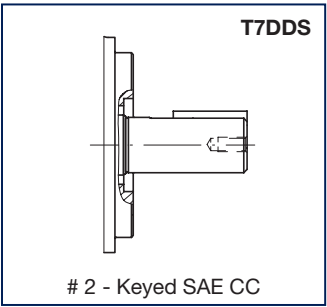
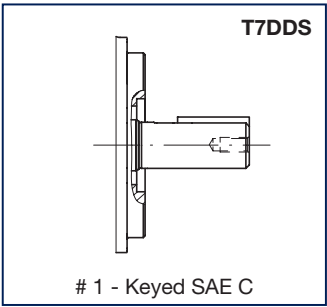


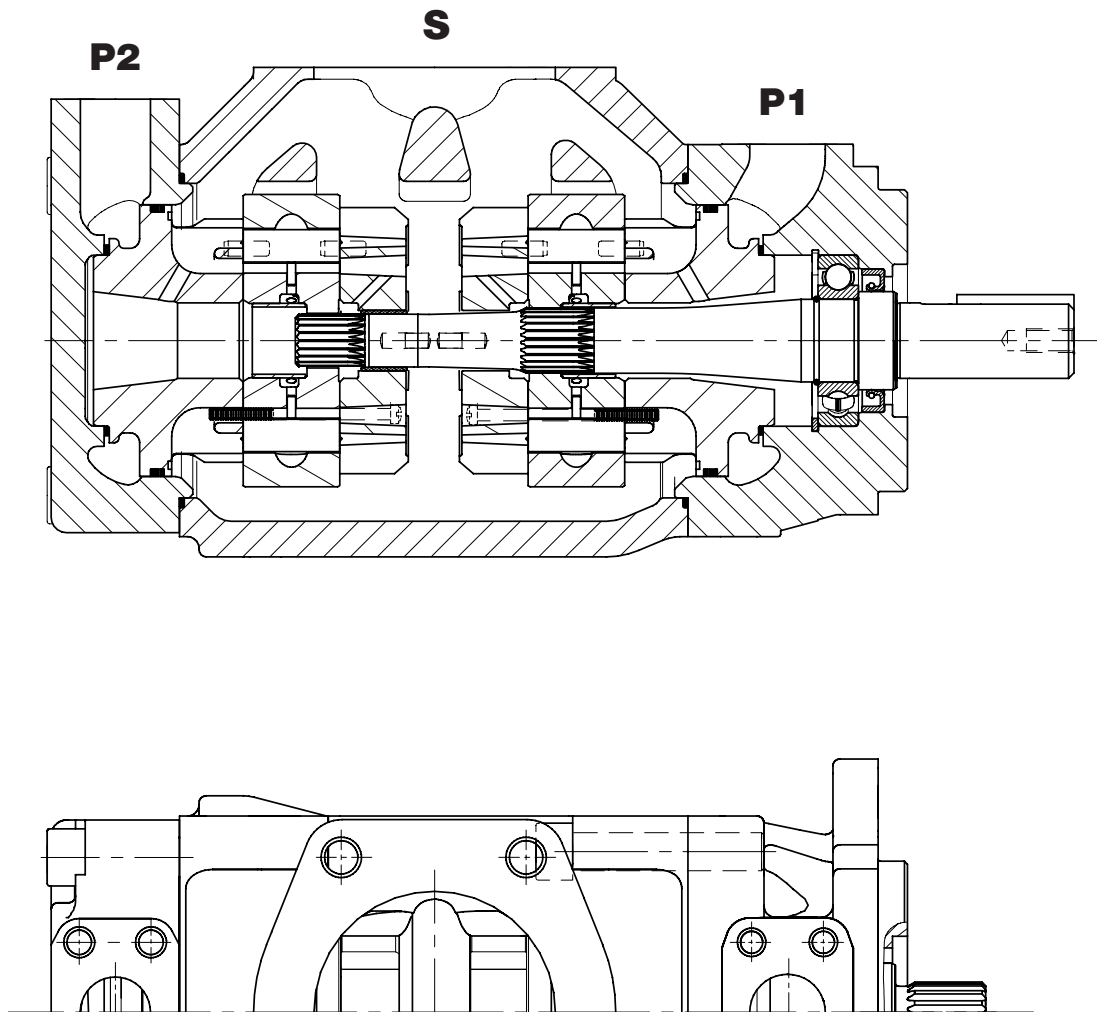
Seal kit	Code N°
T7DD - T7DDS - *** - *** - *** - * 1 - **	S24-72351-0
T7DD - T7DDS - *** - *** - *** - * 4 - **	S24-72351-4
T7DD - T7DDS - *** - *** - *** - * 5 - **	S24-72351-5

4 Shaft kit



Shaft kit	Code N°
T7DDS - *** - *** - 1 *** - * - **	S24-72352-0
T7DDS - *** - *** - 2 *** - * - **	S24-72353-0
T7DDS - *** - *** - 3 *** - * - **	S24-72354-0
T7DDS - *** - *** - 4 *** - * - **	S24-72355-0
T7DD - T7DDS - *** - *** - 5 *** - * - **	S24-77003-0





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