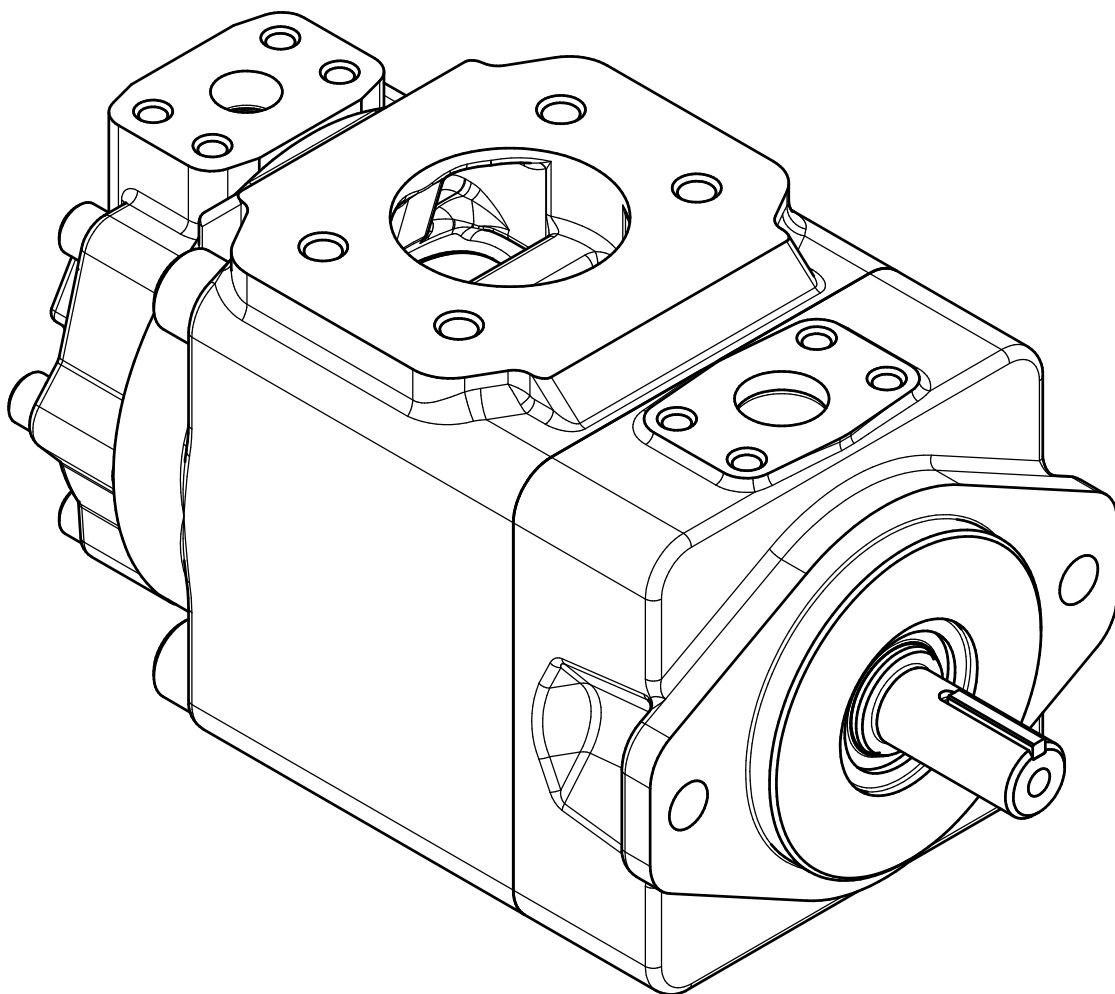




Hydraulic Pumps - Service Information

T7BB - T7BBS

Denison Vane Technology



ENGINEERING YOUR SUCCESS.

Model description**Hydraulic Pumps****T7BB - T7BBS, Denison Vane Pumps****Model No.****T7BB or T7BBS - B10 - B10 - 1 R 00 - A 1 - M1 - ..****T7BB series - 100 A2 HW**

ISO 2 bolts 3019-2 mounting flange

T7BBS series - SAE B 2 bolts

J744 mounting flange

Displacement P1 & P2

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

Type of shaft T7BBS

1 = keyed (non SAE)
 2 = keyed (SAE BB)
 3 = splined (SAE B) 13 teeth
 4 = splined (SAE BB) 15 teeth

Type of shaft T7BB - T7BBS

5 = keyed (ISO R775)

Direction of rotation (shaft end view)

R = Clockwise

L = Counter-clockwise

Modifications**Mounting w/connection variables**

4 bolts SAE flange J518

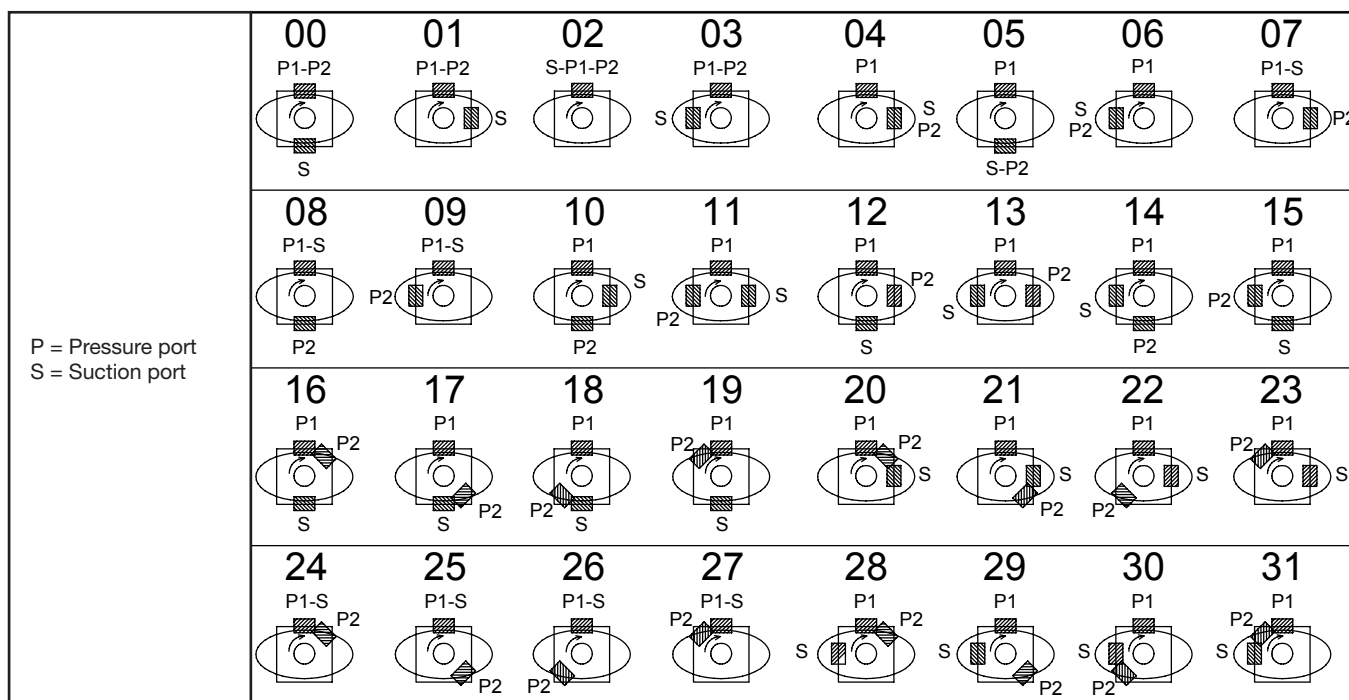
	P2 = 3/4" - S = 2.1/2"			
	Metric thread		UNC thread	
P1	1"	3/4"	1"	3/4"
T7BB	M0	M1		
T7BBS	M0	M1	00	01

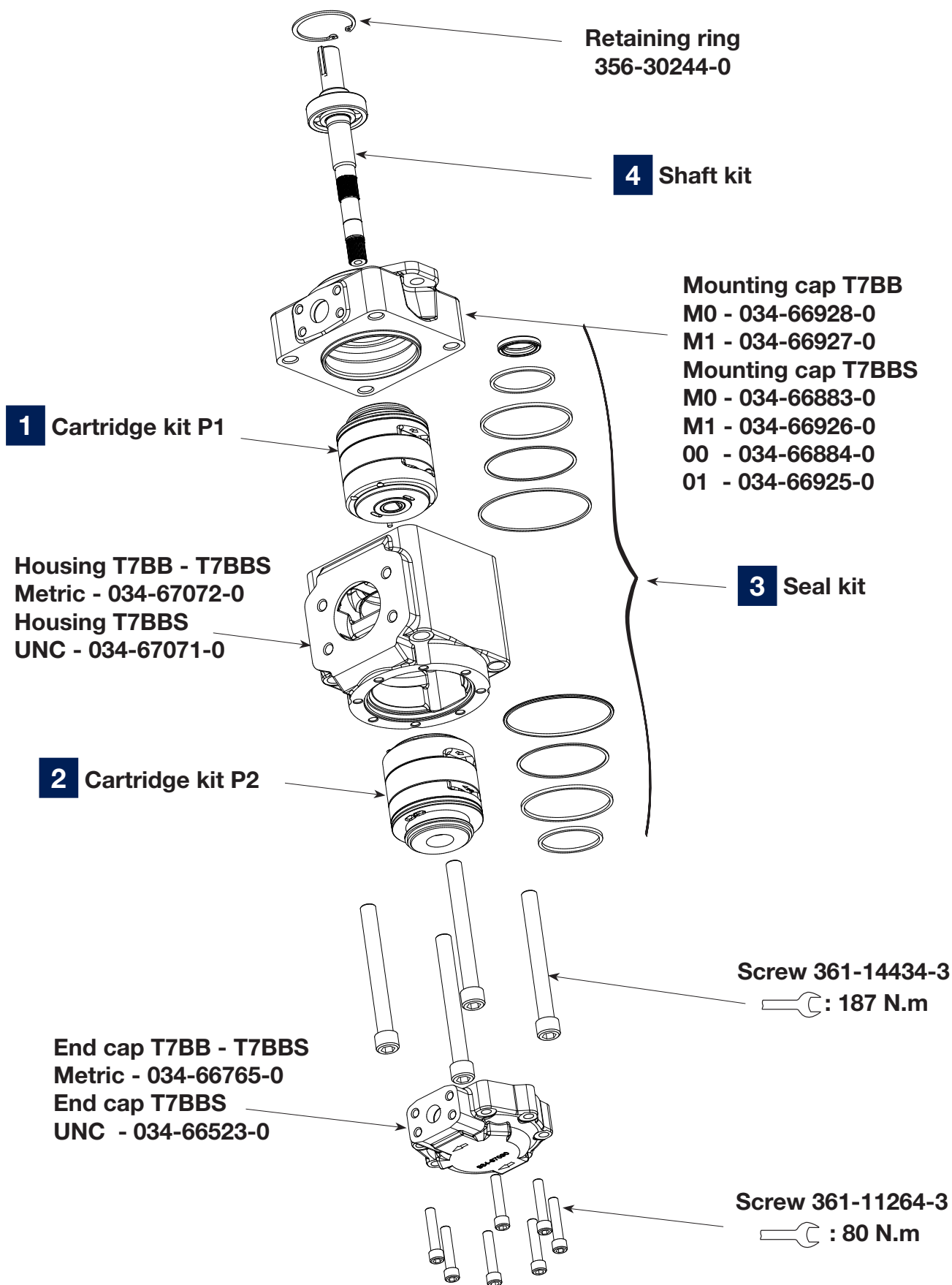
Seal class

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)

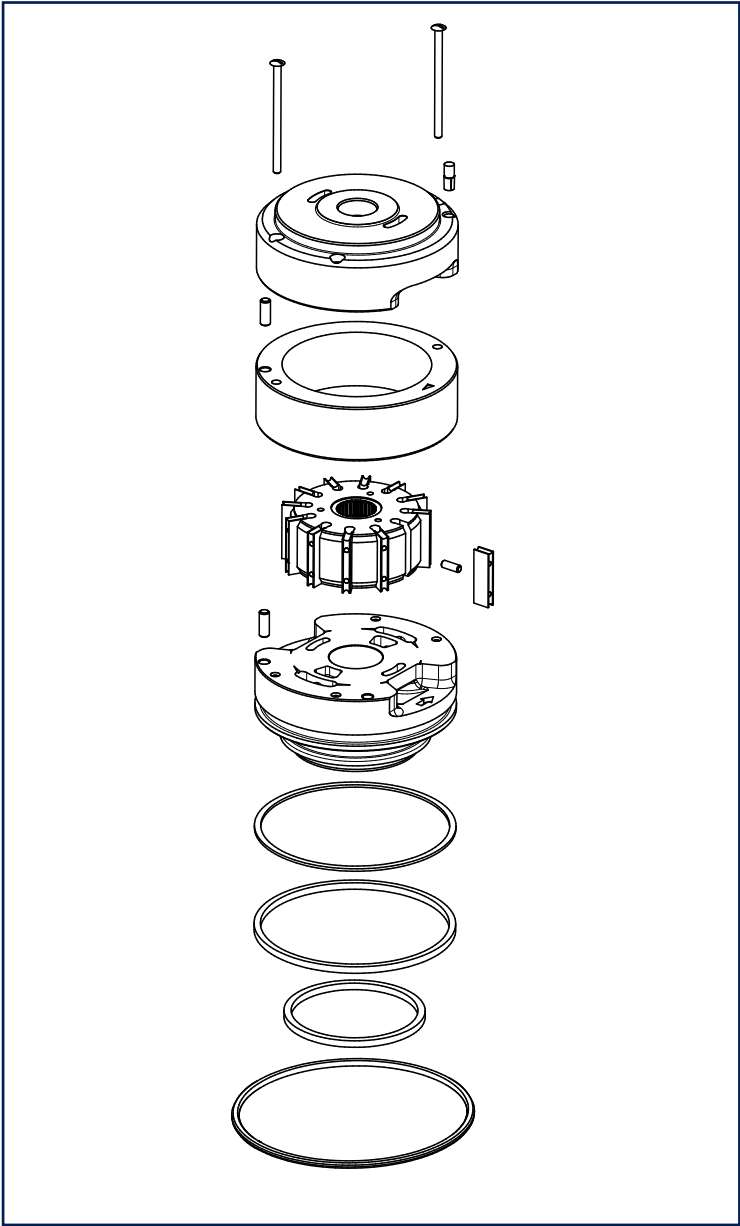
Design letter**Porting combination**

00 = standard

Position of the ports



1 Cartridge kit P1 (Preferred)



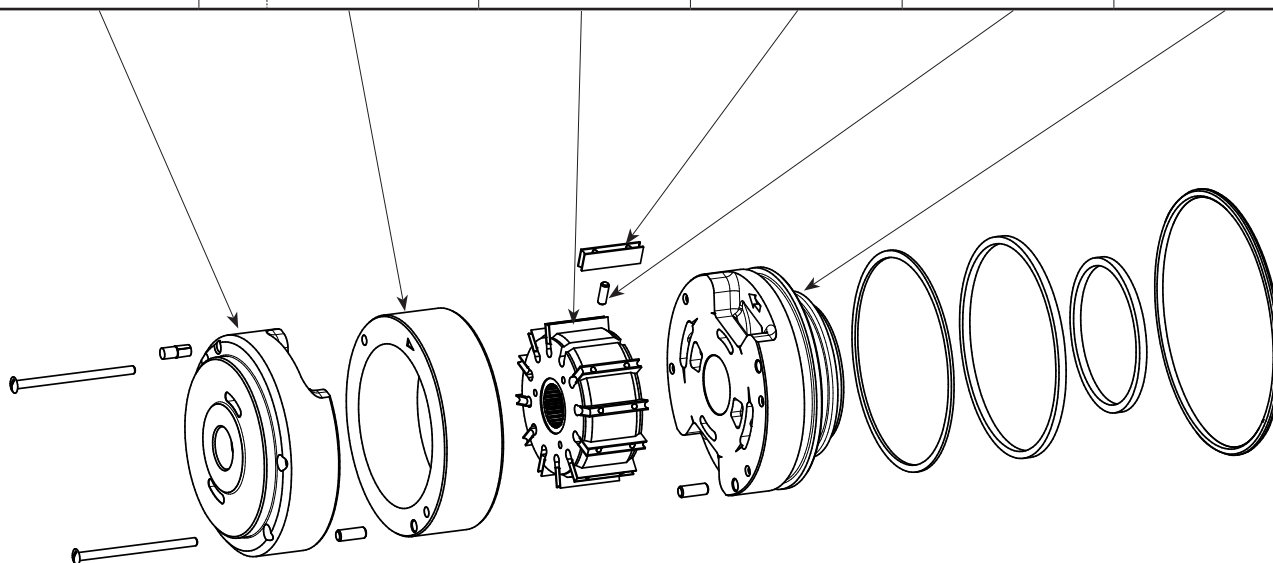
T7BB - T7BBS - B** - B** - * * * * - * * - **

Cartridge kit P1	Code N°	
	Displacement	
	R (CW)	L (CCW)
B02	S24-58078-*	S24-58079-*
B03	S24-58080-*	S24-58081-*
B04	S24-58082-*	S24-58083-*
B05	S24-58084-*	S24-58085-*
B06	S24-58086-*	S24-58087-*
B07	S24-59974-*	S24-59975-*
B08	S24-58088-*	S24-58089-*
B09	S24-77225-*	S24-77226-*
B10	S24-58090-*	S24-58091-*
B11	S24-77227-*	S24-77228-*
B12	S24-59013-*	S24-59014-*
B14	S24-77229-*	S24-77230-*
B15	S24-59015-*	S24-59016-*

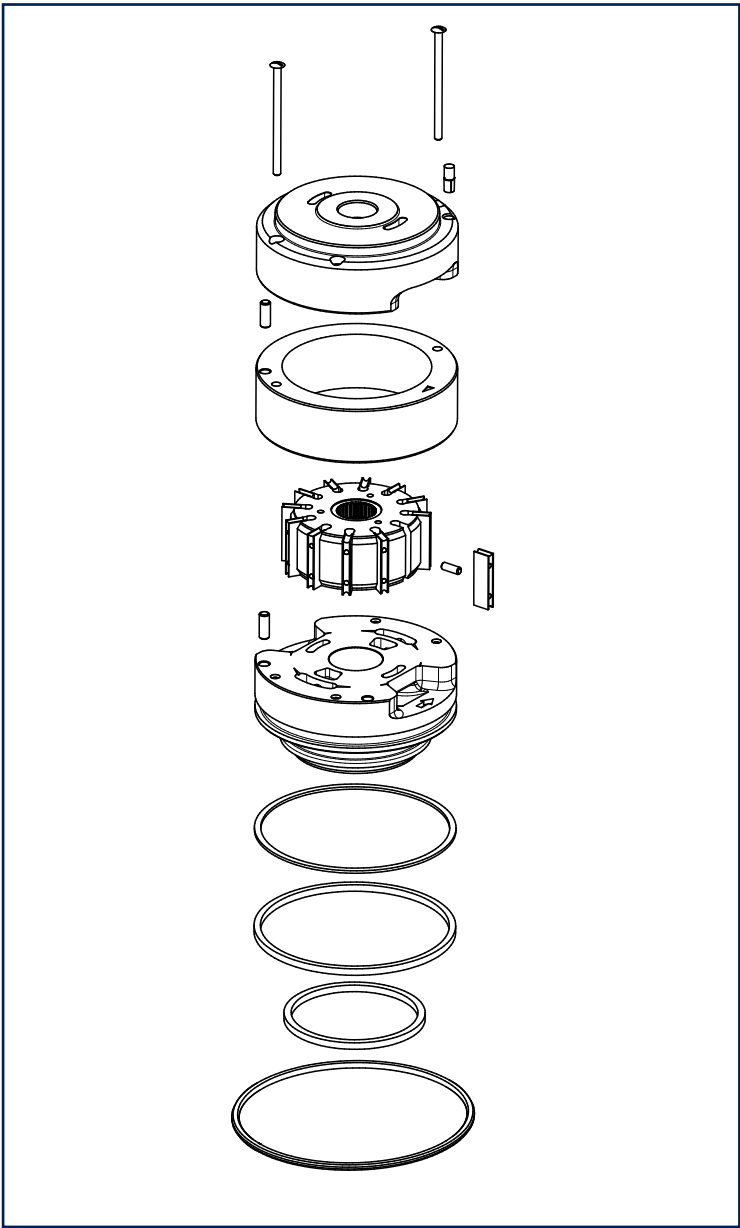
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P1 loose items

1 x	1 x		1 x	12 x	12 x	1 x
S24-58196-0	002	034-66909-0	S24-51722-0	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					



1 Cartridge kit P2 (Preferred)



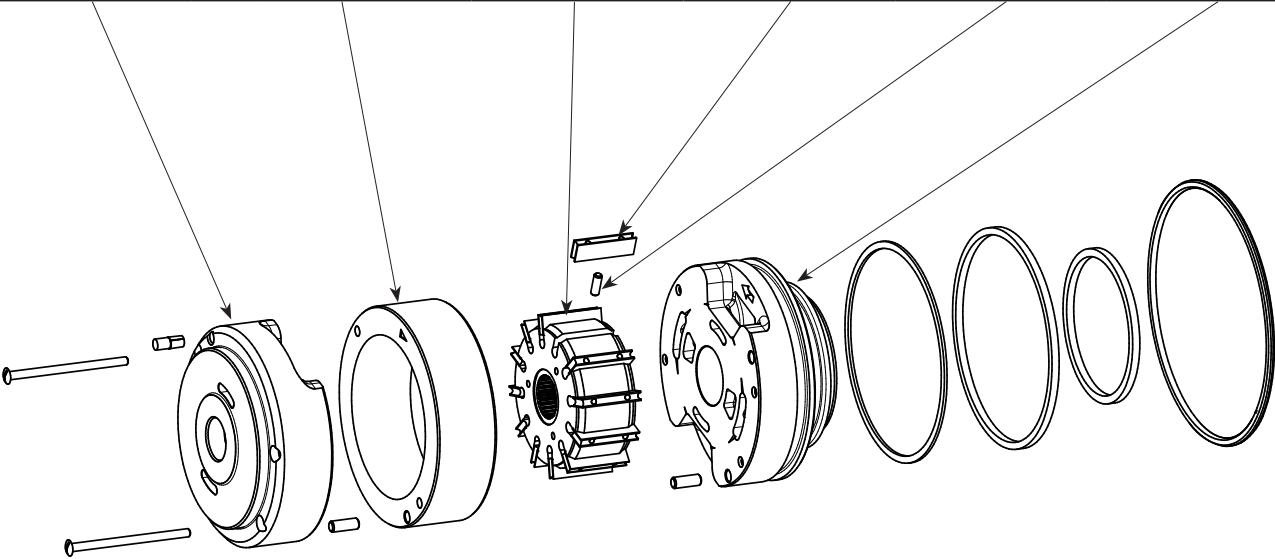
T7BB - T7BBS - B** - B** - * * * * - * * - **

Cartridge kit P2	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-*

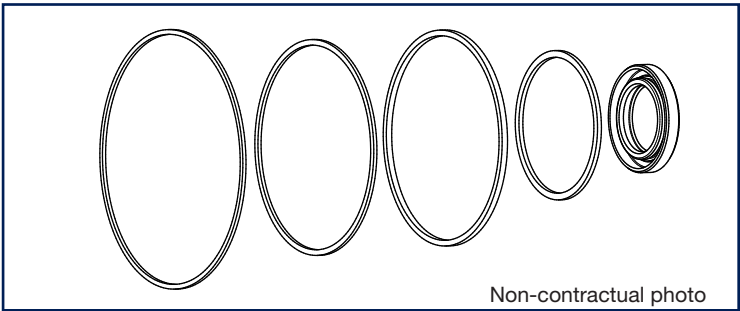
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge P2 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				

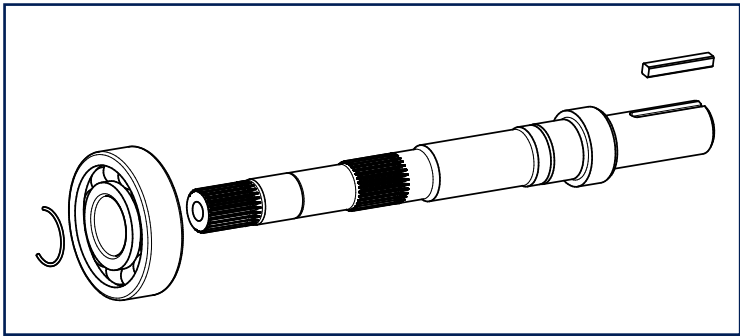


2 Seal kit

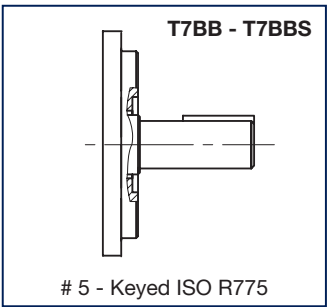
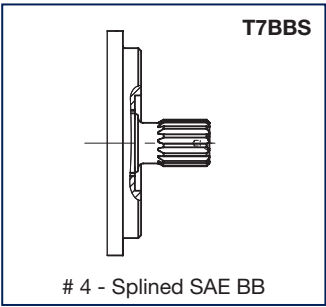
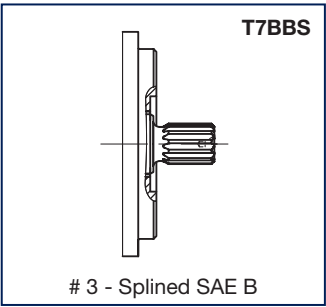
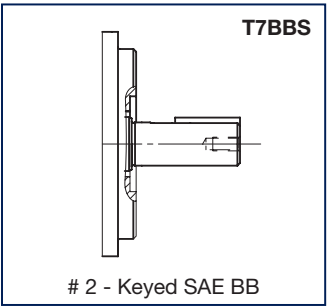
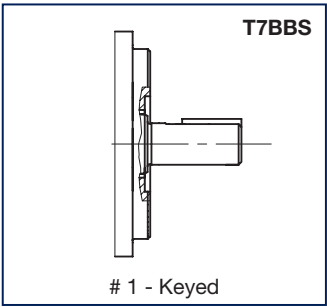


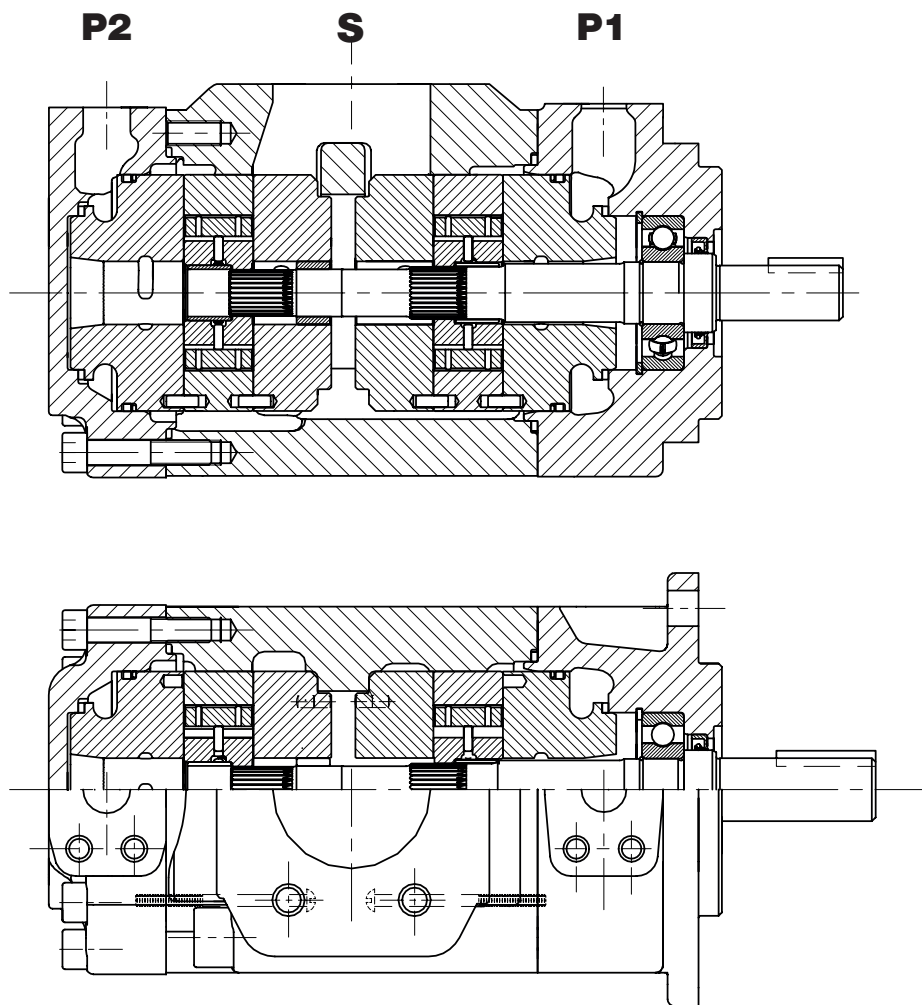
Seal kit	Code N°
T7BB - T7BBS - *** - *** - * 1 - **	S14-97724-0
T7BB - T7BBS - *** - *** - * 4 - **	S14-97724-4
T7BB - T7BBS - *** - *** - * 5 - **	S14-97724-5

3 Shaft kit



Shaft kit	Code N°
T7BBS - *** - *** - 1 *** - * - **	S24-63463-0
T7BBS - *** - *** - 2 *** - * - **	S24-26208-0
T7BBS - *** - *** - 3 *** - * - **	S24-63464-0
T7BBS - *** - *** - 4 *** - * - **	S24-63465-0
T7BB - T7BBS - *** - *** - 5 *** - * - **	S24-63466-0





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