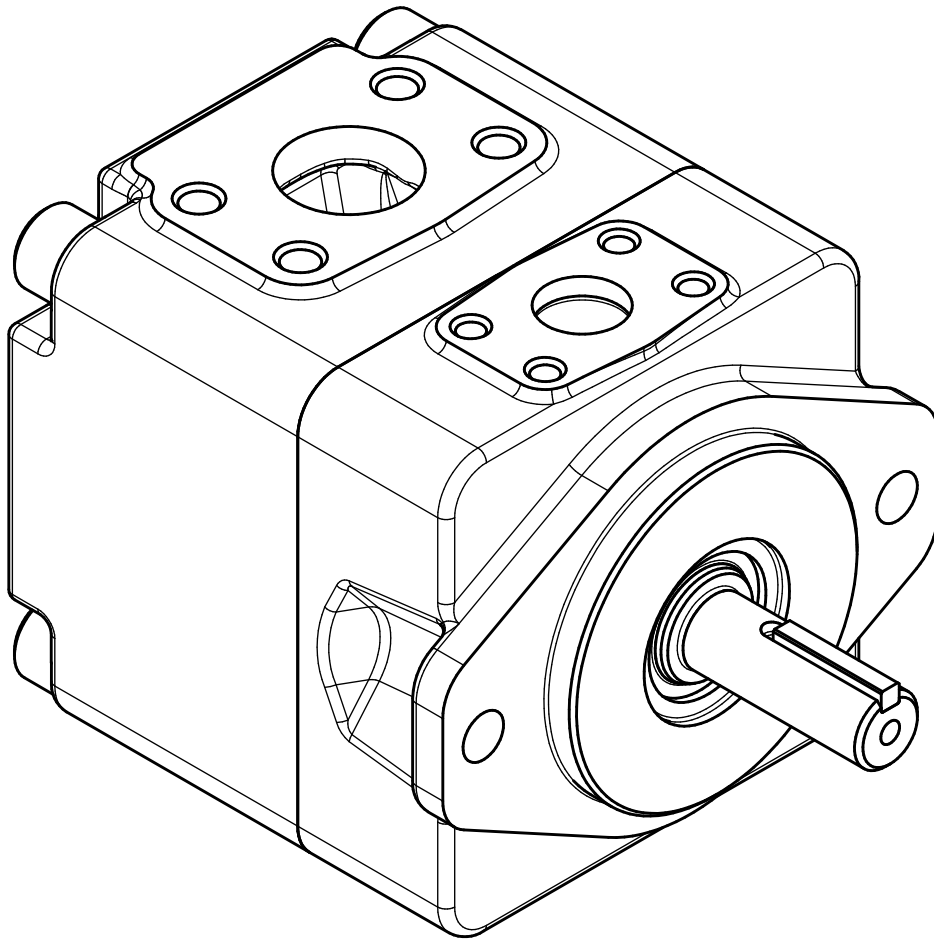




Hydraulic Pumps - Service Information

T7B - T7BS

Denison Vane Technology



ENGINEERING YOUR SUCCESS.

Model No. **T7B or T7BS - B10 - 1 R 00 - A 1 - M0 - ..**

T7B series - 100 A2 HW
ISO 2 bolts 3019-2 mounting flange
T7BS series - SAE B 2 bolts
J744 mounting flange

Displacement
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 T7B - T7BS
2 = keyed (ISO R775)

Type of shaft T7BS
1 = keyed (SAE B) Ø 22,2
3 = splined (SAE B) 13 teeth
4 = splined (SAE BB) 15 teeth

Direction of rotation (shaft end view)
R = Clockwise
L = Counter-clockwise

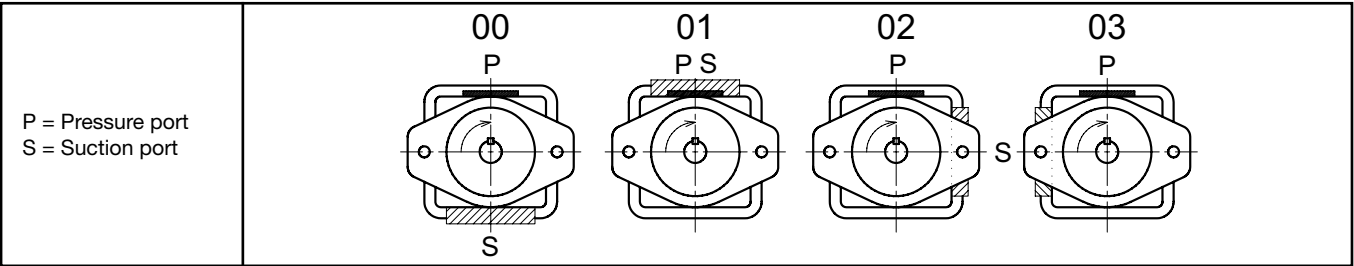
Modifications
Mounting w/connection variables
4 bolts SAE flange J518

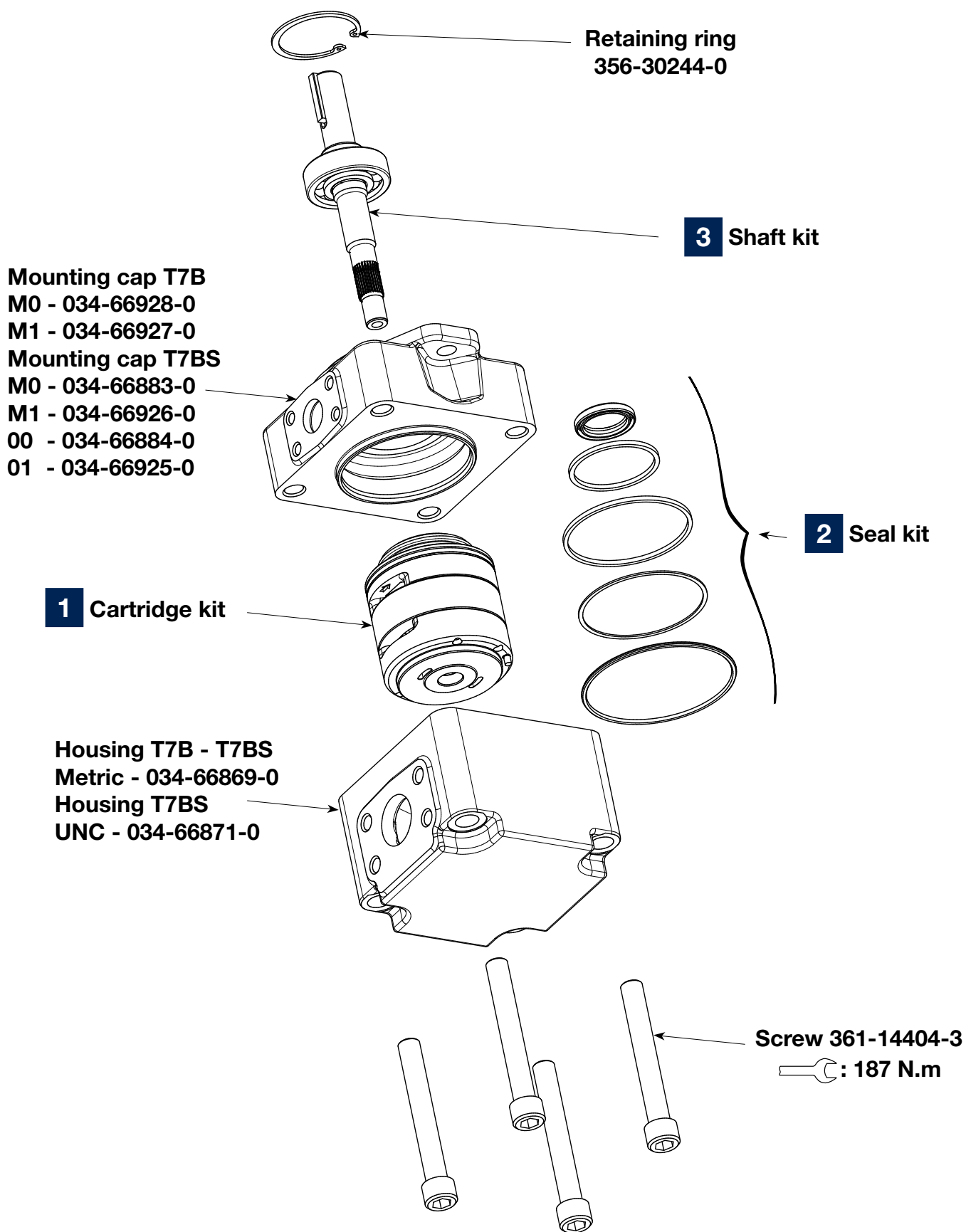
P	Metric thread		UNC thread	
	1"	3/4"	1"	3/4"
S	1.1/2"			
T7B	M0	M1		
T7BS	M0	M1	00	01

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

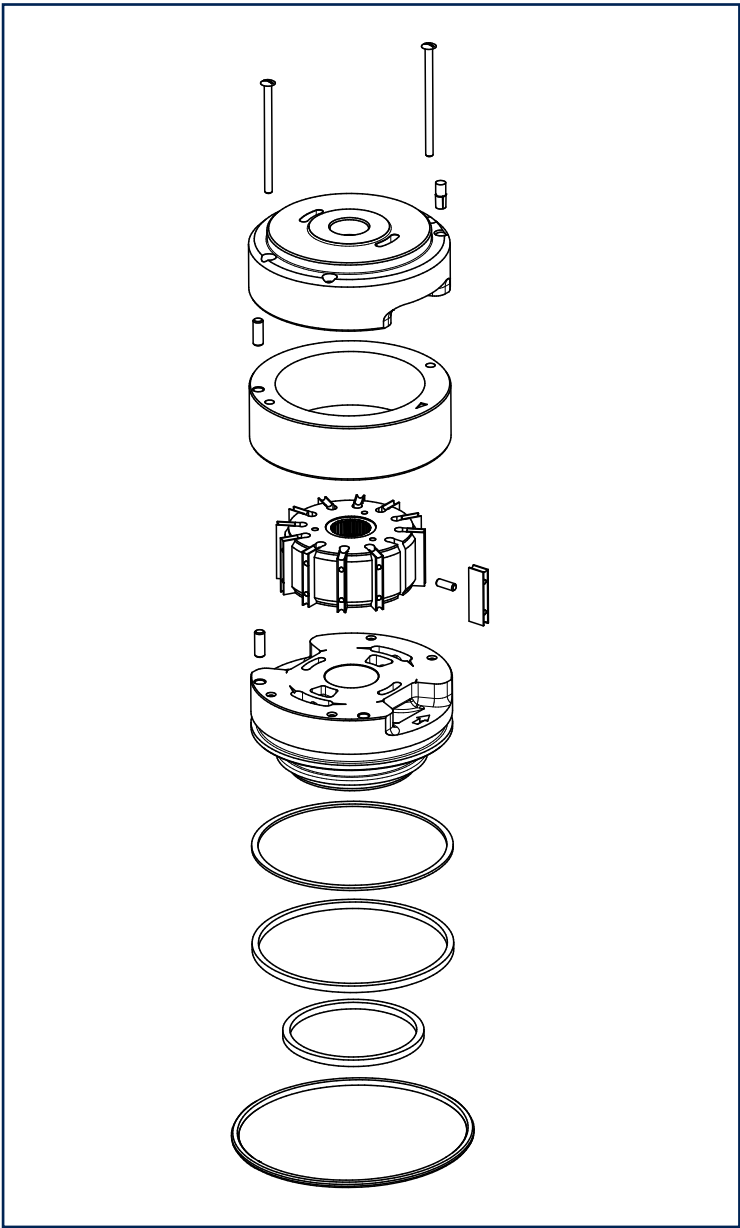
Design letter
Porting combination
00 = standard

Position of the ports





1 Cartridge kit (Preferred)



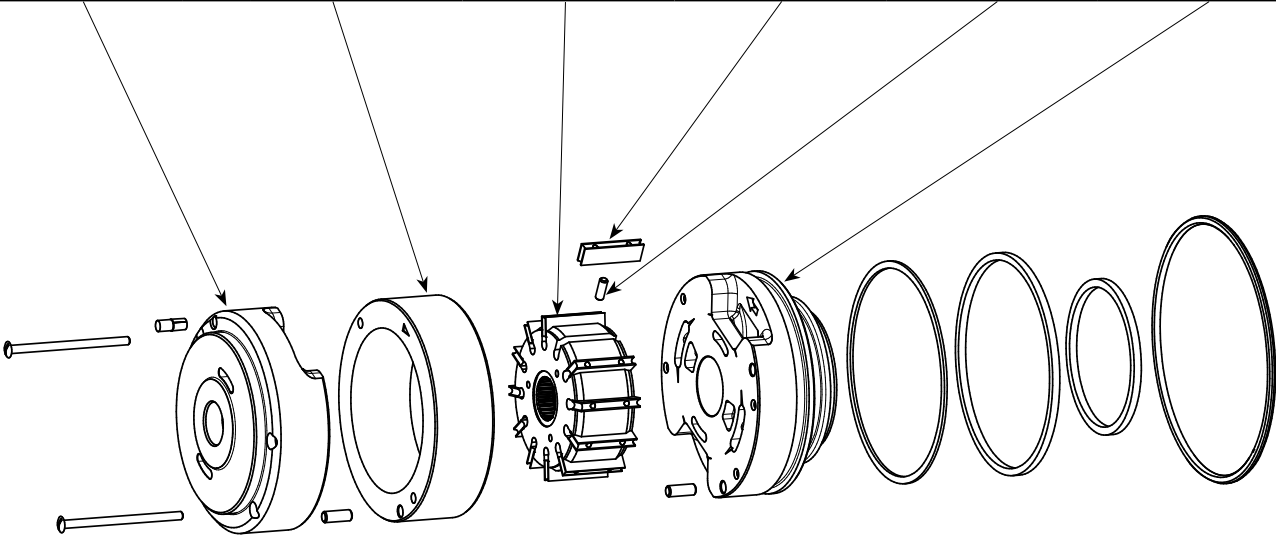
T7B - T7BS - B** - * * * * _ * * _ **

Cartridge kit	Code N°	
Displacement	R (CW)	L (CCW)
B02	S24-50144-*	S24-50145-*
B03	S24-50146-*	S24-50147-*
B04	S24-50148-*	S24-50149-*
B05	S24-50150-*	S24-50151-*
B06	S24-50152-*	S24-50153-*
B07	S24-59970-*	S24-59971-*
B08	S24-50154-*	S24-50155-*
B09	S24-77219-*	S24-77220-*
B10	S24-50156-*	S24-50157-*
B11	S24-77221-*	S24-77223-*
B12	S24-59005-*	S24-59006-*
B14	S24-72881-*	S24-77224-*
B15	S24-59007-*	S24-59008-*

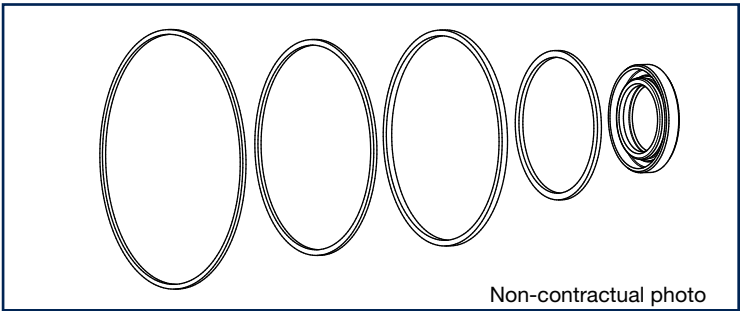
* = 0 = S1 BUNA N
* = 4 = S4 EPDM
* = 5 = S5 VITON®

Cartridge loose items

1 x	1 x		1 x	12 x	12 x	1 x
S24-49791-0	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				

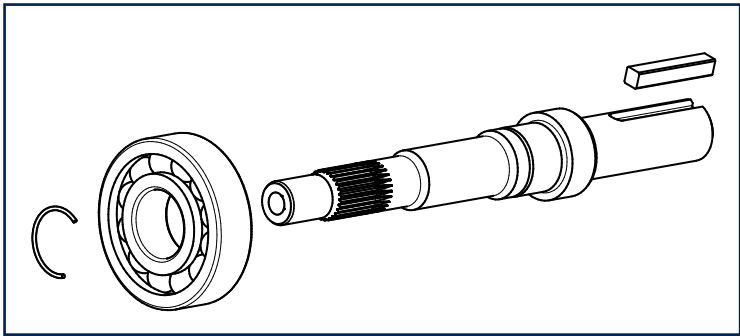


2 Seal kit

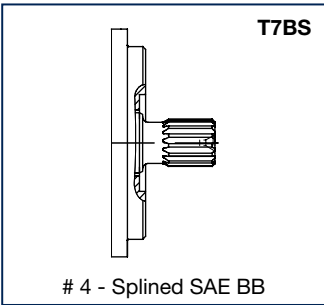
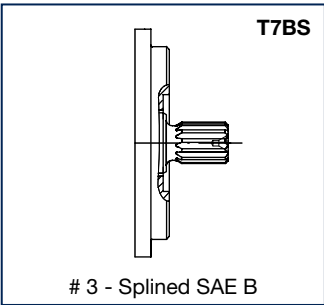
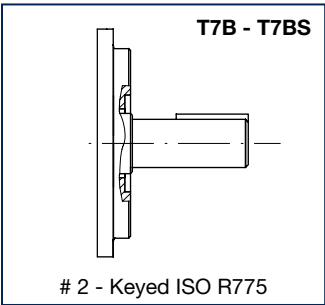
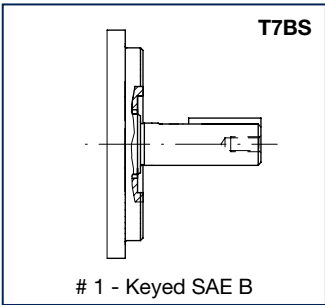


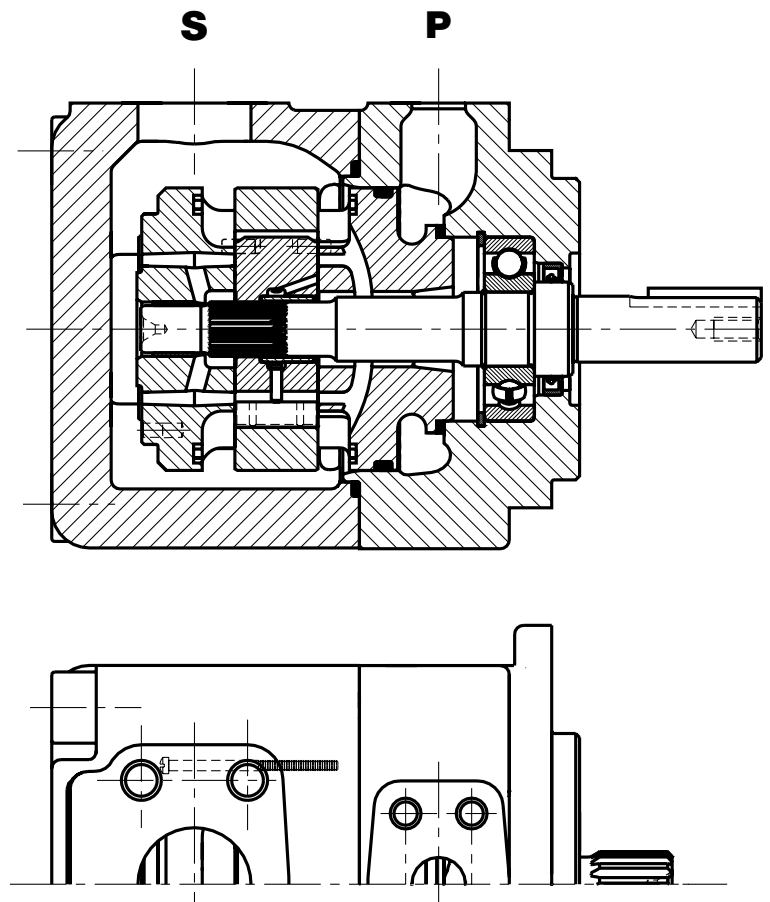
Seal kit	Code N°
T7B - T7BS - *** - *** - * 1 - **	S24-49112-0
T7B - T7BS - *** - *** - * 4 - **	S24-49112-4
T7B - T7BS - *** - *** - * 5 - **	S24-49112-5

3 Shaft kit



Shaft kit	Code N°
T7BS - *** - 1 *** - _ _ - **	S24-50140-0
T7B - T7BS - *** - 2 *** - _ _ - **	S24-50142-0
T7BS - *** - 3 *** - _ _ - **	S24-50141-0
T7BS - *** - 4 *** - _ _ - **	S24-59295-0





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