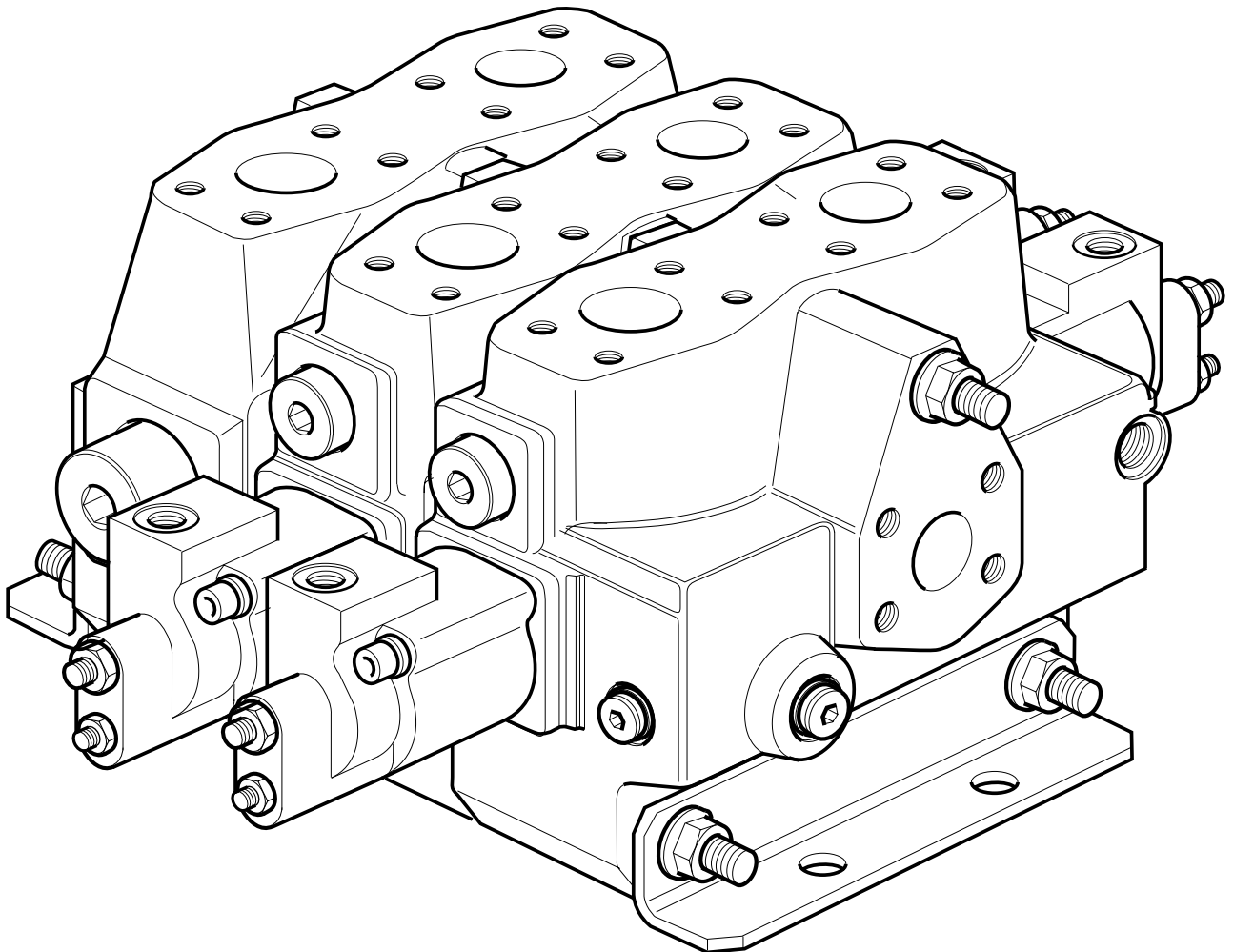




Bulletin HY17-8804-M1/UK

Spare Parts List Series HV08

Effective date: January 21, 2014
Supersedes: August 13, 2013



This list of spare parts is designed to give you a good idea of the components included in the product range for valves. To see precisely which component is used for a specific product, you will need to look at the customer specification for the product in question. The customer specification contains a number of entries, and for each entry, a code pressure or flow is specified with a code or a number. To help you find your way around, this list of spare parts contains references to these entries and codes.

Codes on the image page of the list of spare parts usually appear in bold and enclosed in a border. The table page contains available spare part sets. The ordering code is the product code that appears in the Part column.

The spare part to be used is determined by the first two columns, which contain the entry and the code from the customer specification. If these columns are empty, the spare part set is valid regardless of the selected code, unless indicated otherwise

The symbols in the frame below are used in this Spare Parts List to help you find the right tools, the right torques, suitable grease etc.

A little technical index. Example.

- 1 = Item pos. no. 1.
- 1(2x) = Item pos. no. 1 consists of 2 pieces in the kit.
- 1 [2] = Item pos. no. 2 already mounted on the item pos. no. 1 at delivery.
- 1 [2](2x) = Item pos. no. 1 (see above) consists of 2 pieces in the kit.

Conversion factors

1 kg	= 2.2046 lb
1 N	= 0.22481 lbf
1 Nm	= 0.10197 kpm
1 bar	= 14.504 psi
1 l	= 0.21997 UK gallon
1 l	= 0.26417 US gallon
1 cm ³	= 0.061024 in ³
1 m	= 3.2808 feet
1 mm	= 0.03937 in
9/5 °C + 32	= °F

Symbols for servicing

	= Phillips screw		= Thread for disassembly type...
	= Slot screw		= Tightening torque in Nm
	= Socket head dimensions in mm and/or inch		= Use locking/sealing fluid type...
	= Hexagon dimensions in mm and/or inch		= Use corrosion preventative type...
	= Sixpoint socket		= Use hydraulic liquid for lubrication
	= Wrench size in mm and/or inch or special assembly/disassembly tool needed. No...		= Use grease type...
			= Spool classified by size



WARNING – USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

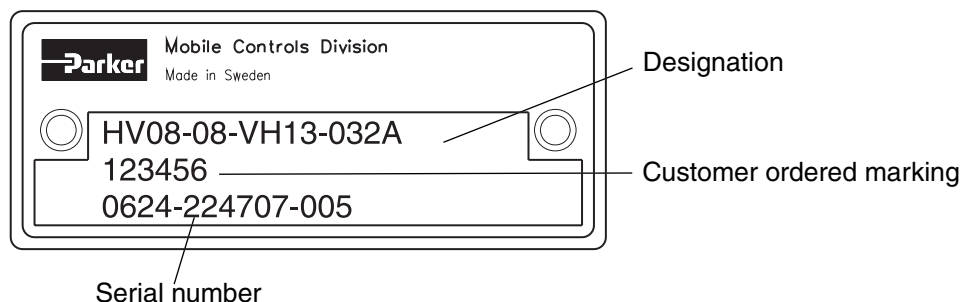
Offer of Sale

Please contact your Parker representation for a detailed "Offer of Sale".

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This spare parts list is valid for HV08 only. See product designation on the name plate.

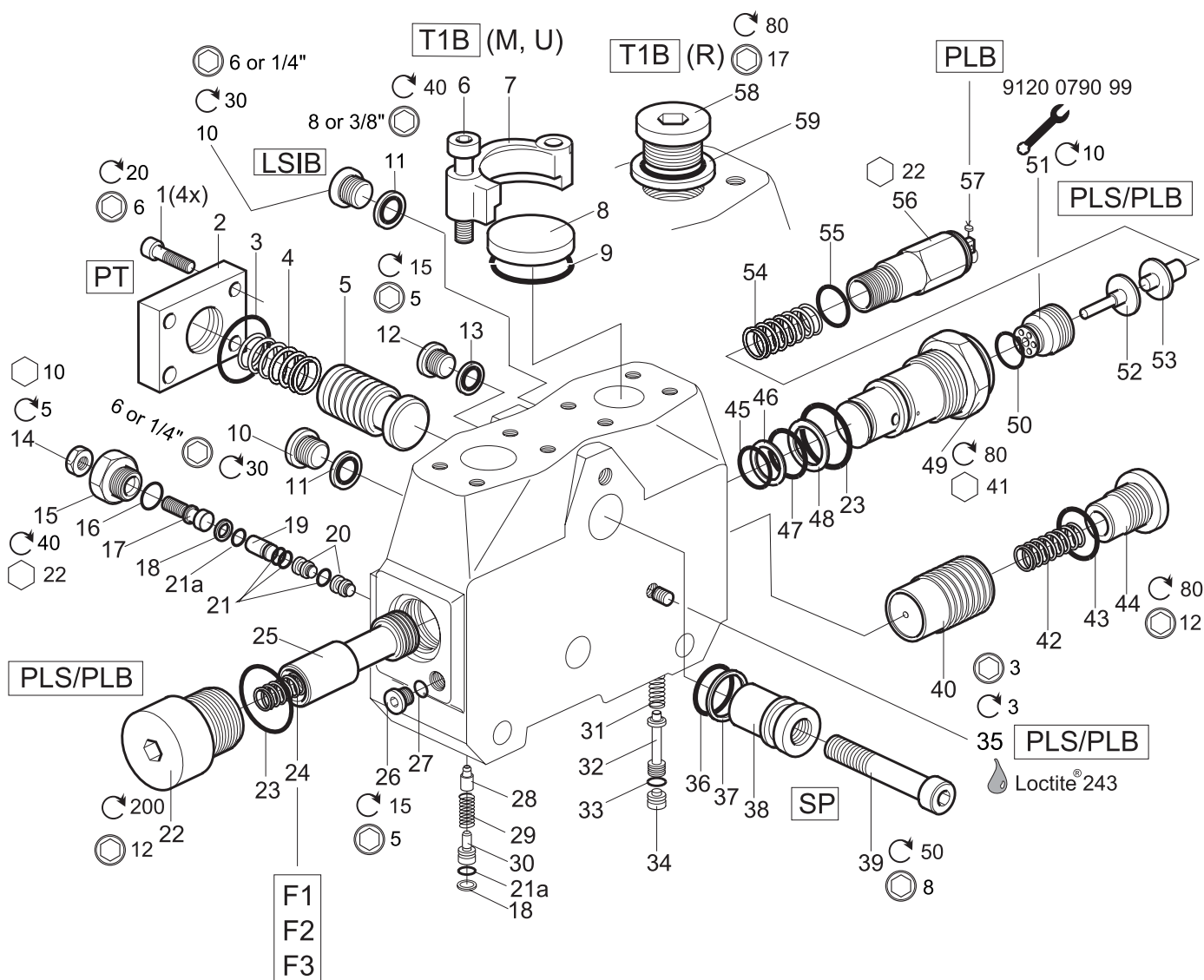
Name plate



Valve serial numbers consist of three groups of digits
 The first group shows year and week of manufacture:
 In this example, 0624 means week 24 of 2006
 The remaining digits are for internal use within Parker

Notice ! Some valves hasn't any designation code stamped. Some valves has the serial number and designation code text line in opposite order than the example above.

Inlet section type BF:
PT, SP, PLS, PLB, T1B, LSIB



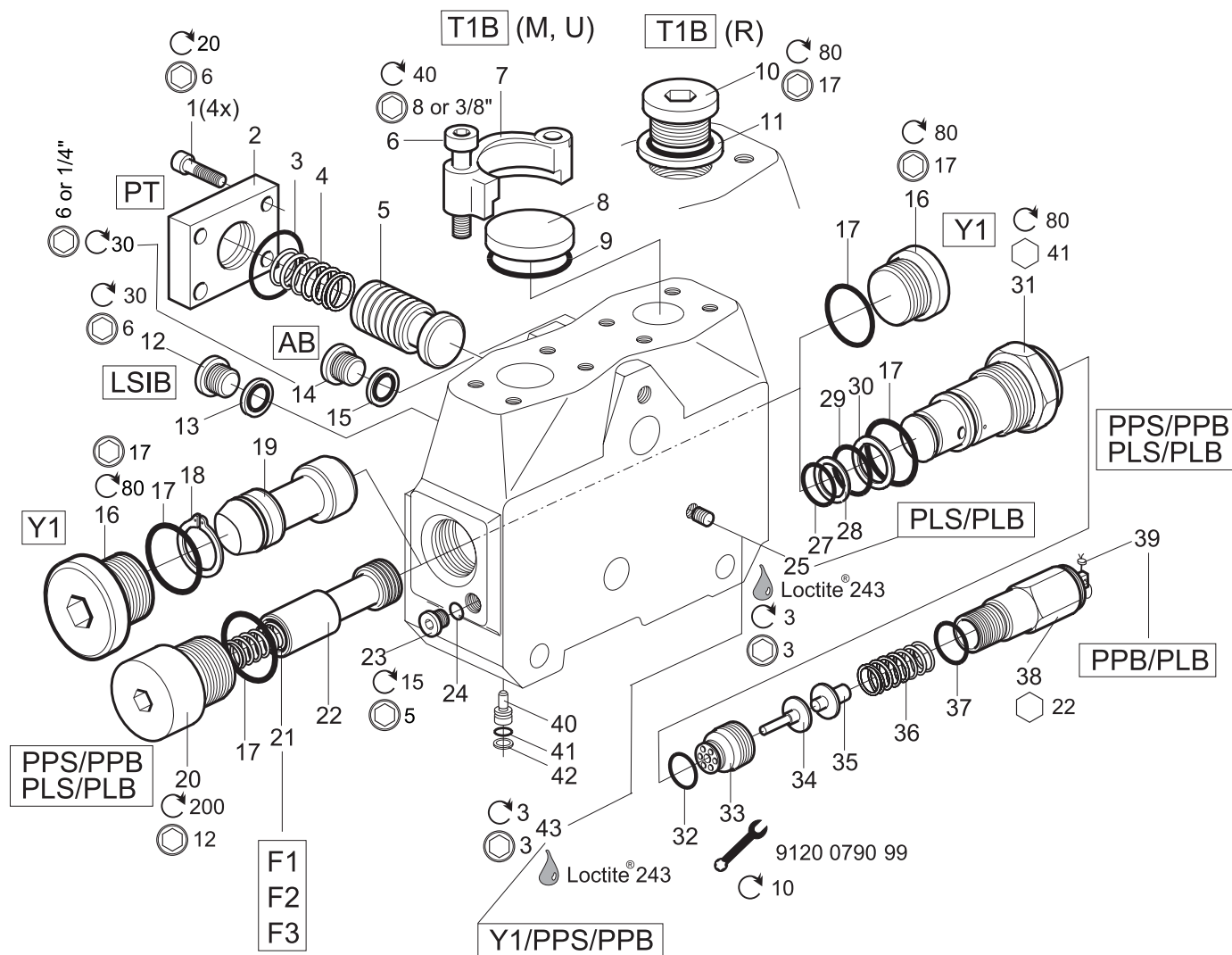
Remark:

Item 21: O-ring 3.3 x 2.4 NBR 90
Item 21a: O-ring 3.3 x 2.4 NBR 70

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
PT	10	9121581013	Counter pressure valve	1(4x), 2, 3, 4, 5
PT	10	6760927	Seal kit O-ring	3 (5x)
SP	10	9121581014	Power beyond plug	38 [36, 37], 39
SP	10	9120089289	Seal kit	36, 37
PLS, PLB	15	9121581024	Main relief valve excl. shunt spring	22, 23, 25, 35, 49 [23, 45-48, 50-57]
PLS, PLB, PPS, PPB	15	9120088012	Main relief valve PP, PL	49 [23, 45-48, 50-57]
PLS, PLB	15	9120089290	Seal kit PLS, PLB	23(2x), 45, 46, 47, 48, 50, 55
PLS, PLB	15	6760106	Pilot restriction, Ø1.2	35 (5x)
F1	11	6760495	Shunt spring (F1), $\Delta p=13$ bar	23, 24
F2	11	6760496	Shunt spring (F2), $\Delta p=19$ bar	23, 24
F3	11	6760497	Shunt spring (F3), $\Delta p=25$ bar	23, 24
T1B + 8SM	18 + 07	9121581026	SAE-flange, 1", 3000 psi	6(4x), 7(2x), 8, 9
T1B + 8SU	18 + 07	9121581027	SAE-flange, 1", 3000 psi	6(4x), 7(2x), 8, 9
T1B + 8SM, 8SU	18 + 07	6760929	Seal kit O-ring	9 (5x)
T1B + 8R	18 + 07	9121581068	Plug 1" BSP	58, 59
LSIB + 8SM, 8R	20 + 07	9121581030	LSIB blocked, LS-connection	10, 11
LSIB + 8SM, 8R	20 + 07	6760447	Seal washer TREDO 1/4" BSP	11 (5x)
LSIB + 8SU	20 + 07	-	Plug 6HP5ON-S	10 [11]
BF	09	9120089201	Idling unloading valve (basic)	12, 13, 31, 32, 33, 34
BF	09	9120089272	Idling unloading ("Black")	40, 42, 43, 44
BF	09	9120089273	Idling unloading ("Green")	40, 42, 43, 44
BF	09	9120089274	Idling unloading ("Yellow")	40, 42, 43, 44
BF	09	393000K828	Plug 1/8" BSP	12(2x), 13(2x)
BF	09	6760930	Seal kit O-ring	43 (5x)
BF	09	9120089202	Throttle valve (basic)	15 [14, 16, 17, 18, 21a], 19 [21], 20 [21](2x), 28, 29, 30 [18, 21a]
BF	09	9120089293	Plug cpl.	30 [18, 21a]
BF	09	9120089291	Seal kit check valve	16, 18(2x), 21(3x), 21a(2x)
BF	09	9120089292	Seal kit plug	18, 21a, 27
BF	09	6760040	Plug (O-ring) 1/8" BSP	26 [27]
BF + 8SM, 8R	09 + 07	9121581030	Gauge port	10, 11
BF + 8SM, 8R	09 + 07	6760447	Seal washer TREDO 1/4" BSP	11 (5x)
BF + 8SU	09 + 07	-	Plug 6HP5ON-S	10 [11]

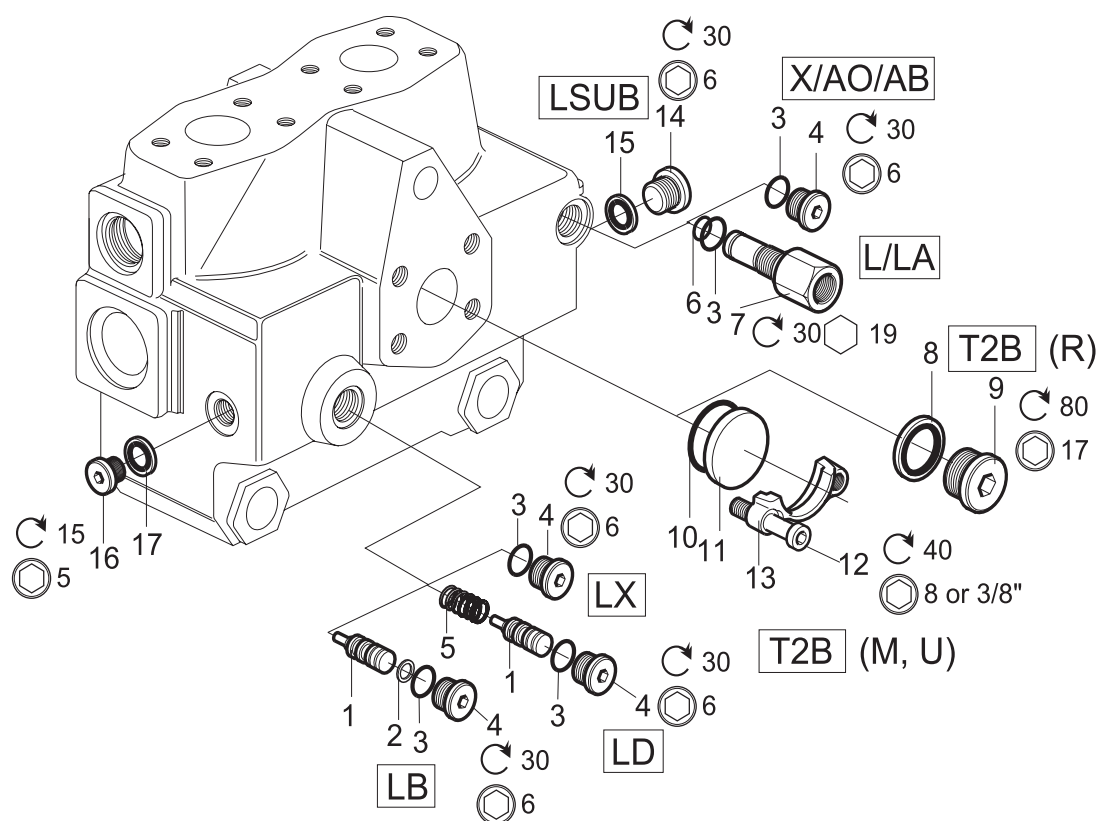
Inlet section type BV:

PT, AB, PLS, PLB, PPS, PPB, Y1, T1B, LSIB



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
PT	10	9121581013	Counter pressure valve	1(4x), 2, 3, 4, 5
PT	10	6760927	Seal kit O-ring	3 (5x)
AB + 8SM, 8R	12 + 07	9121581051	Blocked idling signal	14, 15 and 4 [3] (from page 8)
AB + 8SM, 8R	12 + 07	6760773	Plug (O-ring) 1/4" BSP	4 [3] (from page 8)
AB + 8SM, 8R	12 + 07	6760447	Seal washer TREDO 1/4" BSP	15 (5x)
AB + 8SU	12 + 07	9121581052	Blocked idling signal	14 [15] and 4 [3] (from page 8)
AB + 8SU	12 + 07	-	Plug 6HP5ON-S	14 [15]
PLS, PLB	15	9121581024	Main relief valve excl. shunt spring	17, 20, 22, 25, 31 [17, 27-30, 32-39]
PPS, PPB	15	9121581025	Main relief valve excl. shunt spring	17, 20, 22, 31 [17, 27-30, 32-39], 43
PLS, PLB, PPS, PPB	15	9120088012	Main relief valve PP, PL	31 [17, 27-30, 32-39]
PLS, PLB, PPS, PPB	15	9120089290	Seal kit PLS, PLB, PPS, PPB	17(2x), 27, 28, 29, 30, 32, 37
PLS, PLB	15	6760106	Pilot restriction, Ø1.2	25 (5x)
PPS, PPB, Y1	15	6760100	Plug M6x6	43 (5x)
F0	11	-	-	No spring (at Y1 in pos. 15)
F1	11	6760495	Shunt spring (F1), $\Delta p=13$ bar	17, 21
F2	11	6760496	Shunt spring (F2), $\Delta p=19$ bar	17, 21
F3	11	6760497	Shunt spring (F3), $\Delta p=25$ bar	17, 21
Y1	15	9121581047	Without main relief v. in pump gallery	16 [17](2x), 18, 19, 43
Y1	15	6761003	Plug (O-ring) 1" BSP	16 [17]
T1B + 8SM	18 + 07	9121581026	SAE-flange, 1", 3000 psi	6(4x), 7(2x), 8, 9
T1B + 8SU	18 + 07	9121581027	SAE-flange, 1", 3000 psi	6(4x), 7(2x), 8, 9
T1B + 8SM, 8SU	18 + 07	6760929	Seal kit O-ring	9 (5x)
T1B + 8R	18 + 07	9121581068	Plug 1" BSP	10, 11
LSIB + 8SM, 8R	20 + 07	9121581030	LSIB blocked, LS-connection	12, 13
LSIB + 8SM, 8R	20 + 07	6760447	Seal washer TREDO 1/4" BSP	13 (5x)
LSIB + 8SU	20 + 07	-	Plug 6HP5ON-S	12 [13]
BV	09	9120089224	Plug kit (basic)	23 [24], 40 [41, 42]
BV	09	9120089293	Plug cpl.	40 [41, 42]
BV	09	9120089292	Seal kit	24, 41, 42
BV	09	6760040	Plug (O-ring) 1/8" BSP	23 [24]

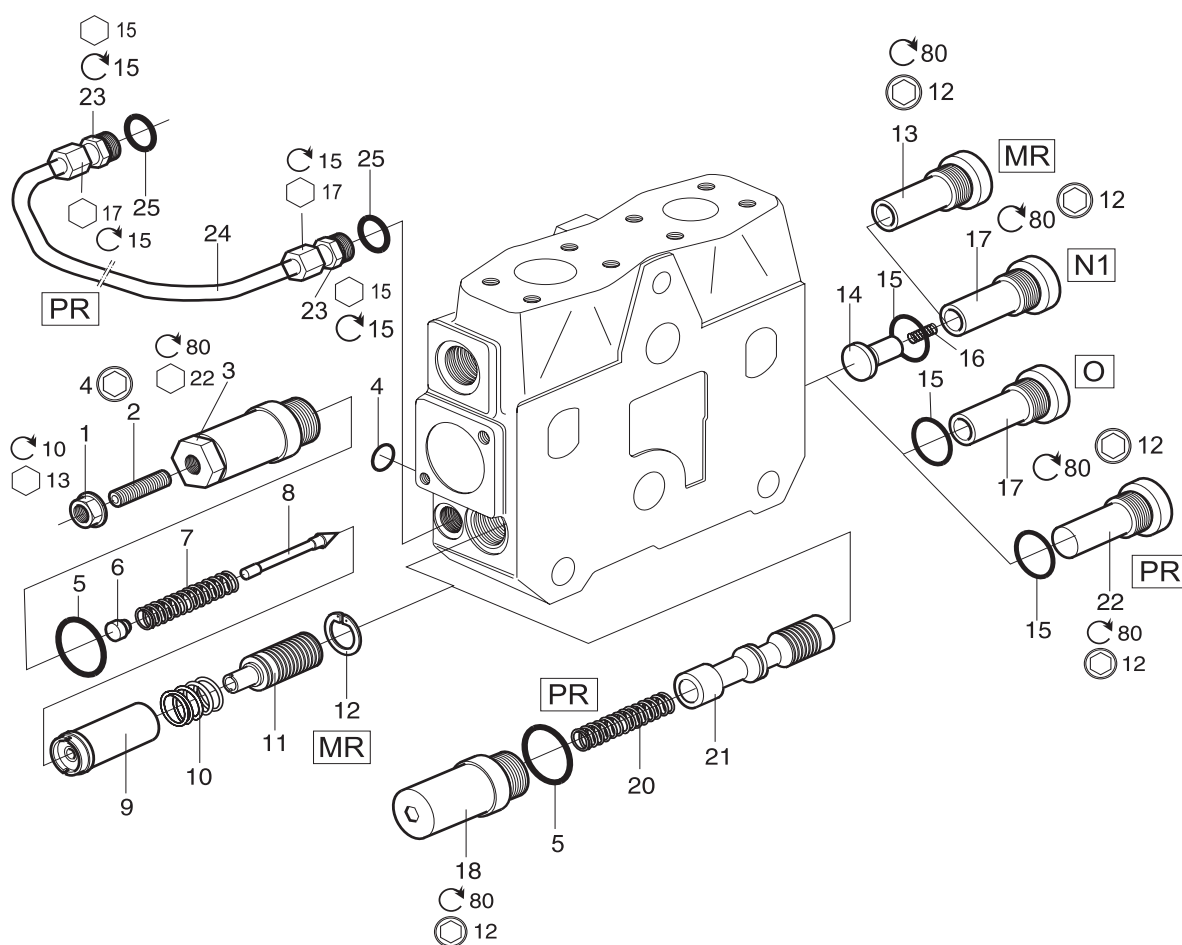
Spool section with outlet section, accesories in idling unloading gallery
LS-port, T2-port, AB, L, LA, LD, LB, LX, LSUB, T2B



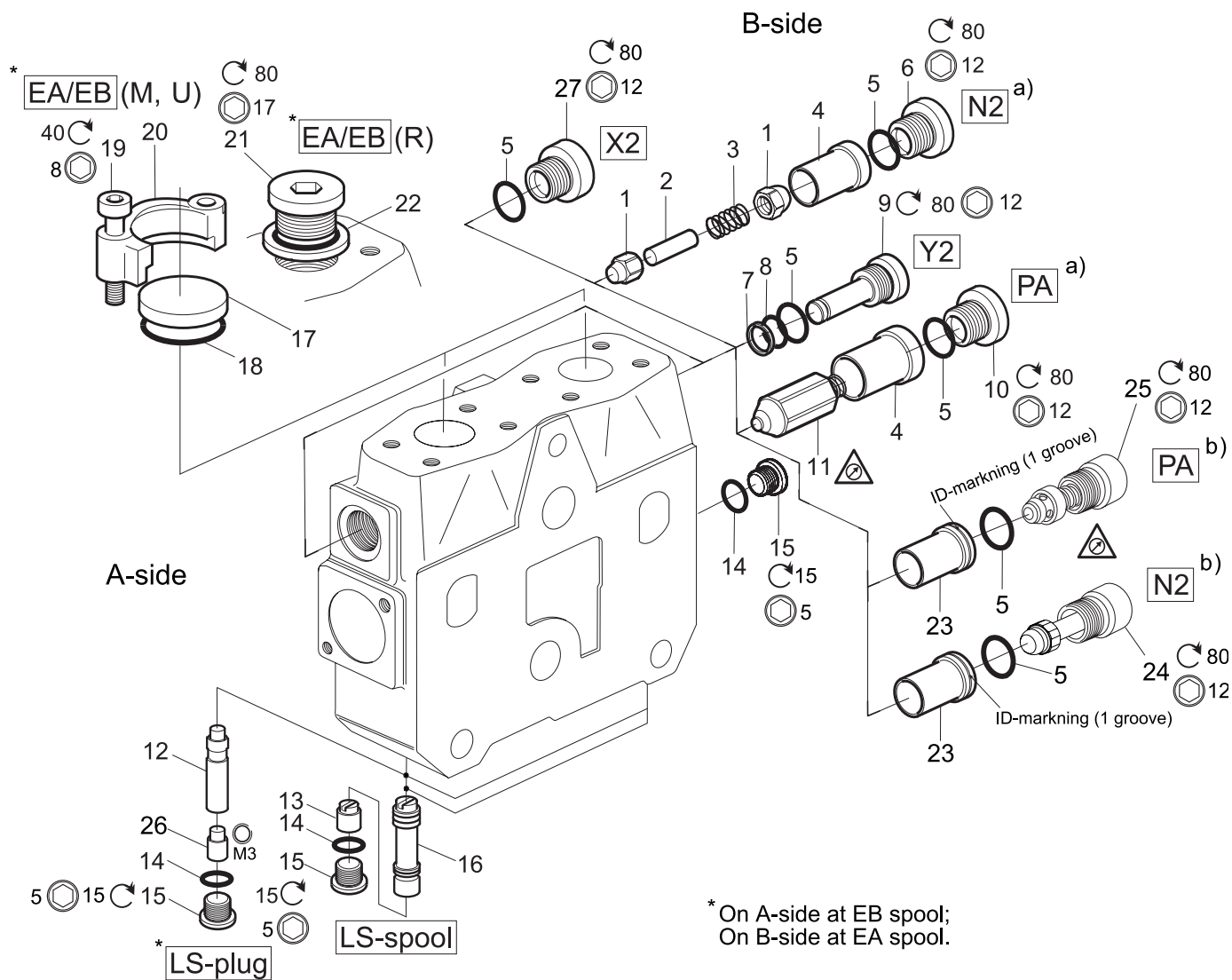
See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
L, LA + 8SM, 8R	12 + 07	9121581017	Parallel conn. adapter	3, 6, 7
L, LA + 8SU	12 + 07	9121581018	Parallel conn. adapter	3, 6, 7
AB + 8SM, 8R	12 + 07	9121581051	Blocked idling signal	4 [3] and 14, 15 (from page 6)
AB + 8SU	12 + 07	9121581052	Blocked idling signal	4 [3] and 14 [15] (from page 6)
X, AO, AB	12	6760773	Plug (O-ring) 1/4" BSP	4 [3]
LD	13	9121581021	LS-signal drain press. compensated	1, 4 [3], 5, 16, 17
LB	13	9121581022	LS-signal drain blocked	1, 2, 4 [3], 16, 17
LX	13	9121581023	LS-port open to T	4 [3], 16, 17
LB, LD, LX	13	393000K828	Plug 1/8" BSP	16, 17
LB, LD, LX	13	6760773	Plug (O-ring) 1/4" BSP	4 [3]
LSUB + 8SM, 8R	21 + 07	9121581030	LSUB blocked	14, 15
LSUB + 8SM, 8R	21 + 07	6760447	Seal washer TREDO 1/4" BSP	14 (5x)
LSUB + 8SU	21 + 07	-	Plug 6HP5ON-S	14 [15]
T2B + 8SM	19 + 07	9121581028	SAE-flange, 1", 3000 psi	10, 11, 12(4x), 13(2x)
T2B + 8SU	19 + 07	9121581029	SAE-flange, 1", 3000 psi	10, 11, 12(4x), 13(2x)
T2B + 8SM, 8SU	19 + 07	6760929	Seal kit O-ring	10 (5x)
T2B + 8R	19 + 07	9121581068	Plug 1" BSP	8, 9

Spool section, accesories in feeding gallery

MR, PR, N1, O



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
MR	25	9120089203	Adjustment device	1, 2, 3, 5, 6, 7, 8
MR	25	9120089204	Reducer valve	9, 10, 11, 12
MR	25	9120089205	Check valve	13, 14, 15, 16
N1	25	9120089219	Check valve	14, 15, 16, 17
O	25	9120089226	Section without check valve	15, 17
PR	25	9120089228	Priority valve	4, 5, 15, 18, 20, 21, 22
PR	25	9120089227	Connection	23(2x), 24, 25(2x) (PR in section 2)
PR	25	9120089229	Connection	23(2x), 24, 25(2x) (PR in section 3)
PR	25	9120089230	Connection	23(2x), 24, 25(2x) (PR in section 4)
PR	25	9120089231	Connection	23(2x), 24, 25(2x) (PR in section 5)
PR	25	9120089232	Connection	23(2x), 24, 25(2x) (PR in section 6)
PR, MR, N1, O	25	6760193	Seal kit O-ring	15 (5x)
PR, MR, N1, O	25	6761004	Seal kit O-ring	4, 5, 15, 25(2x)

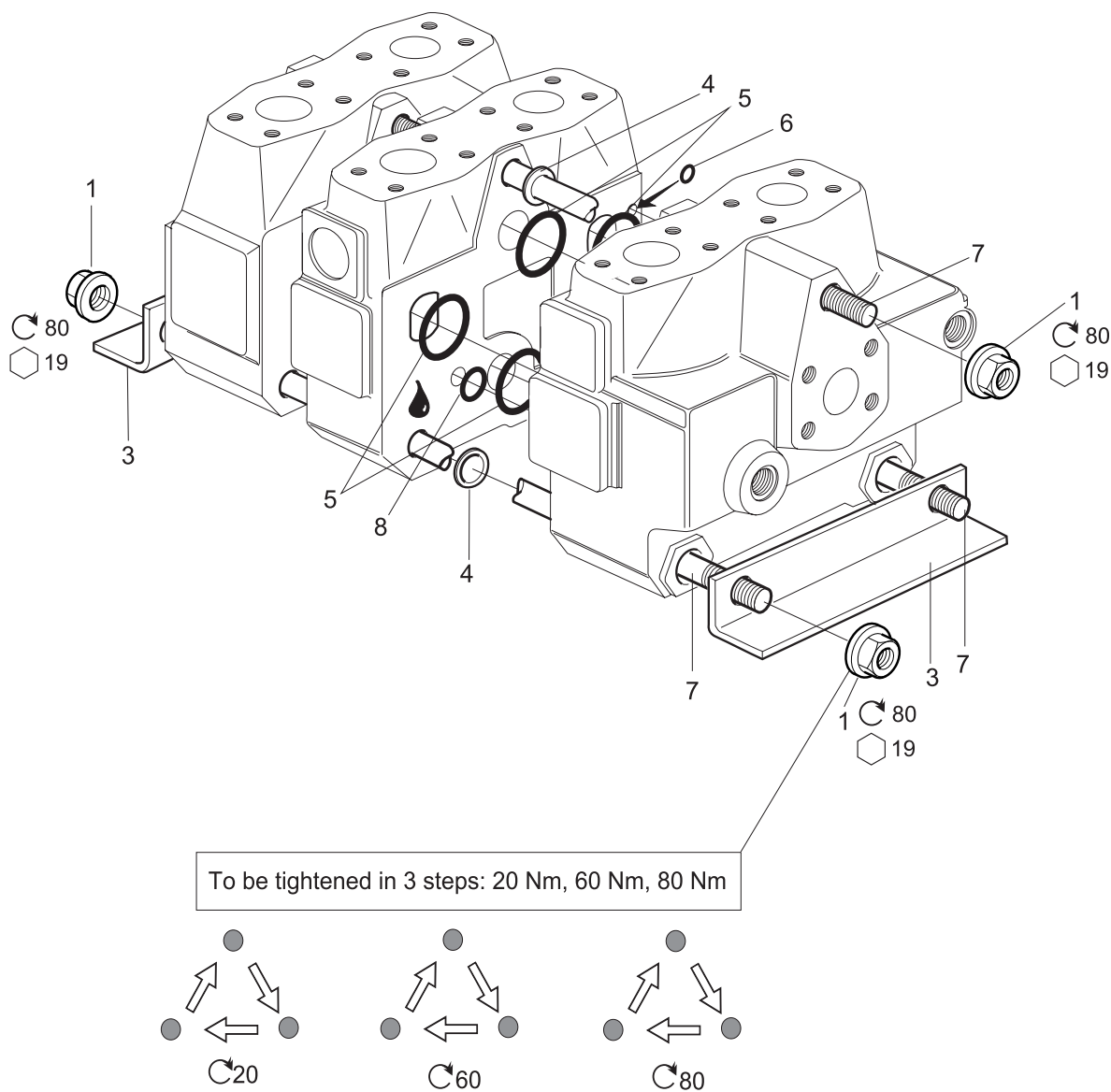
**Spool section, accesories in service ports:
PA, N2, Y2, X2, EA, EB**

Basic Functions in Spool Section

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
PA	31, 33	9121581040	Steering kit PA	4, 5, 10 a)
PA + 040	31, 33 + 32, 34	9128741803	Port relief valve, HVP102-040-20	11  a)
PA + 050	31, 33 + 32, 34	9128741804	Port relief valve, HVP102-050-20	11  a)
PA + 063	31, 33 + 32, 34	9128741805	Port relief valve, HVP102-063-20	11  a)
PA + 080	31, 33 + 32, 34	9128741806	Port relief valve, HVP102-080-20	11  a)
PA + 100	31, 33 + 32, 34	9128741807	Port relief valve, HVP102-100-20	11  a)
PA + 125	31, 33 + 32, 34	9128741808	Port relief valve, HVP102-125-20	11  a)
PA + 140	31, 33 + 32, 34	9128741809	Port relief valve, HVP102-140-20	11  a)
PA + 160	31, 33 + 32, 34	9128741810	Port relief valve, HVP102-160-20	11  a)
PA + 175	31, 33 + 32, 34	9128741811	Port relief valve, HVP102-175-20	11  a)
PA + 190	31, 33 + 32, 34	9128741812	Port relief valve, HVP102-190-20	11  a)
PA + 210	31, 33 + 32, 34	9128741813	Port relief valve, HVP102-210-20	11  a)
PA + 230	31, 33 + 32, 34	9128741814	Port relief valve, HVP102-230-20	11  a)
PA + 250	31, 33 + 32, 34	9128741815	Port relief valve, HVP102-250-20	11  a)
PA + 280	31, 33 + 32, 34	9128741816	Port relief valve, HVP102-280-20	11  a)
PA + 300 + S	31, 33 + 32, 34 + 08	9128798759	Port relief valve, HVP106-300-20, (A04)	11  a)
PA + 330 + S	31, 33 + 32, 34 + 08	9128798773	Port relief valve, HVP106-330-20, (A04)	11  a)
PA + 350 + S	31, 33 + 32, 34 + 08	9128798760	Port relief valve, HVP106-350-20, (A04)	11  a)
N2	31, 33	9121581042	Anticavitation valve N2	1(2x), 2, 3, 4, 5, 6 a)
N2	31, 33	9120059018	Steering kit N2	1(2x), 3, 4 a)
PA, N2	31, 33	6760421	Steering kit PA, N2	5, 23 b)
PA + 040	31, 33 + 32, 34	9120029250	Port relief valve, PLC182-040-20	25 [5]  b)
PA + 050	31, 33 + 32, 34	9120029251	Port relief valve, PLC182-050-20	25 [5]  b)
PA + 063	31, 33 + 32, 34	9120029252	Port relief valve, PLC182-063-20	25 [5]  b)
PA + 080	31, 33 + 32, 34	9120029253	Port relief valve, PLC182-080-20	25 [5]  b)
PA + 100	31, 33 + 32, 34	9120029254	Port relief valve, PLC182-100-20	25 [5]  b)
PA + 125	31, 33 + 32, 34	9120029255	Port relief valve, PLC182-125-20	25 [5]  b)
PA + 140	31, 33 + 32, 34	9120029256	Port relief valve, PLC182-140-20	25 [5]  b)
PA + 160	31, 33 + 32, 34	9120029257	Port relief valve, PLC182-160-20	25 [5]  b)
PA + 175	31, 33 + 32, 34	9120029258	Port relief valve, PLC182-175-20	25 [5]  b)
PA + 190	31, 33 + 32, 34	9120029259	Port relief valve, PLC182-190-20	25 [5]  b)
PA + 210	31, 33 + 32, 34	9120029260	Port relief valve, PLC182-210-20	25 [5]  b)
PA + 230	31, 33 + 32, 34	9120029261	Port relief valve, PLC182-230-20	25 [5]  b)
PA + 250	31, 33 + 32, 34	9120029262	Port relief valve, PLC182-250-20	25 [5]  b)
PA + 280	31, 33 + 32, 34	9120029263	Port relief valve, PLC182-280-20	25 [5]  b)
PA + 300 + S	31, 33 + 32, 34 + 08	9120029264	Port relief valve, PLC182-300-20	25 [5]  b)
PA + 330 + S	31, 33 + 32, 34 + 08	9120029265	Port relief valve, PLC182-330-20	25 [5]  b)
PA + 350 + S	31, 33 + 32, 34 + 08	9120029266	Port relief valve, PLC182-350-20	25 [5]  b)
N2	31, 33	302000K031	Anticavitation valve N2	24 [5] b)
Y2	31, 33	9120092014	HVP/PLC-hole plugged	9 [5, 7, 8]
Y2	31, 33	393000K804	Seal kit Y2	5, 7, 8
X2	31, 33	9120099682	Cavity plug X2	5, 27
PA, N2, Y2, X2	31, 33	9120088010	Seal kit O-ring	5 (2x)
PA, N2, Y2, X2	31, 33	6760193	Seal kit O-ring	5 (5x)
EA, EB + 8SM	22 + 28	9121581026	Cover plate EA/EB	17, 18, 19(4x), 20(2x)
EA, EB + 8SU	22 + 28	9121581027	Cover plate EA/EB	17, 18, 19(4x), 20(2x)
EA, EB + 8R	22 + 28	9121581068	Cover plate EA/EB	21, 22
EA, EB + 8S*	22 + 28	6760929	Seal kit O-ring	18 (5x)
-		9120089233	LS-plug	12, 15 [14], 26
-		9120089234	LS-spool	13, 15 [14], 16
-		6760040	Plug 1/8" BSP (o-ring)	15 [14]

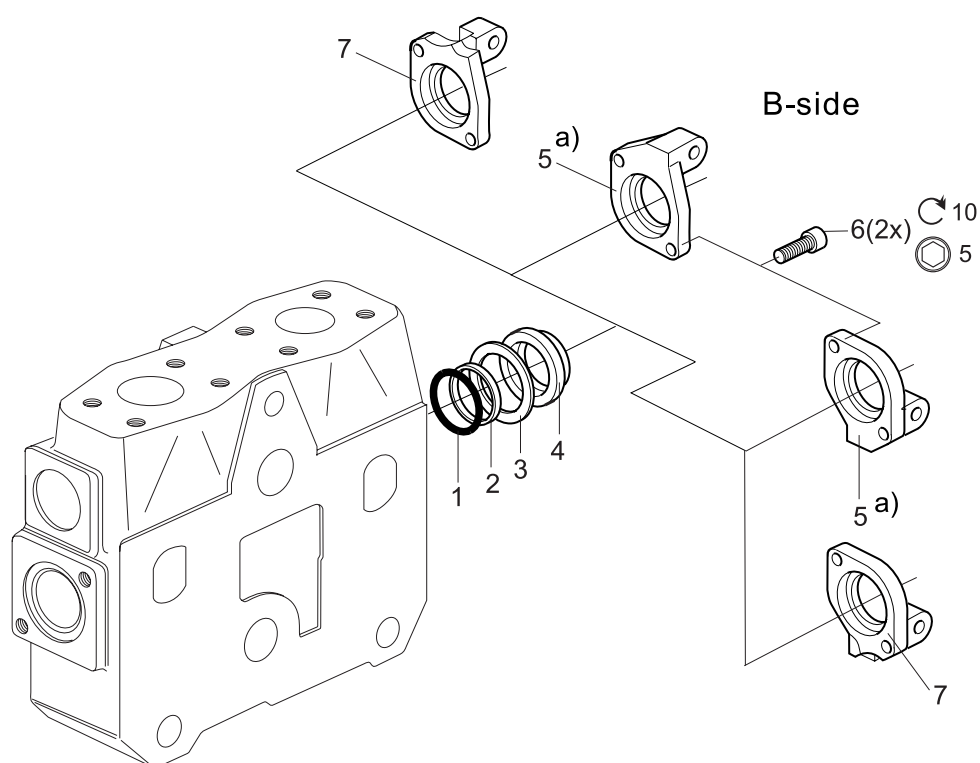
a) For old valves (HVP102/106) up to Serial No. 1039... b) For new valves (PLC182) from Serial No. 1040...

Spool section, accesories
Tie rods, Bracket, Seal kit



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
-		9120089206	Tie rod kit, 1 section, 180 mm	1(5x), 3(2x), 4(3x), 5(4x), 6, 7(3x), 8(2x)
-		9120089207	Tie rod kit, 2 sections, 237 mm	1(5x), 3(2x), 4(6x), 5(8x), 6(2x), 7(3x), 8(4x)
-		9120089208	Tie rod kit, 3 sections, 299 mm	1(5x), 3(2x), 4(9x), 5(12x), 6(3x), 7(3x), 8(6x)
-		9120089209	Tie rod kit, 4 sections, 362 mm	1(5x), 3(2x), 4(12x), 5(16x), 6(4x), 7(3x), 8(8x)
-		9120089210	Tie rod kit, 5 sections, 423 mm	1(5x), 3(2x), 4(15x), 5(20x), 6(5x), 7(3x), 8(10x)
-		9120089211	Tie rod kit, 6 sections, 485 mm	1(5x), 3(2x), 4(18x), 5(24x), 6(6x), 7(3x), 8(12x)
-		9120089212	Seal kit HV08-3	4(9x), 5(12x), 6(3x), 8(6x)
-		9120089282	Parting seals NBR std	4(3x), 5(4x), 6, 8(2x)
A30	14	9120089286	Parting seals FPM	4(3x), 5(4x), 6, 8(2x)
A46	30	9120089296	Parting seals A46 + manifold	4(3x), 5(4x), 6, 8(3x)

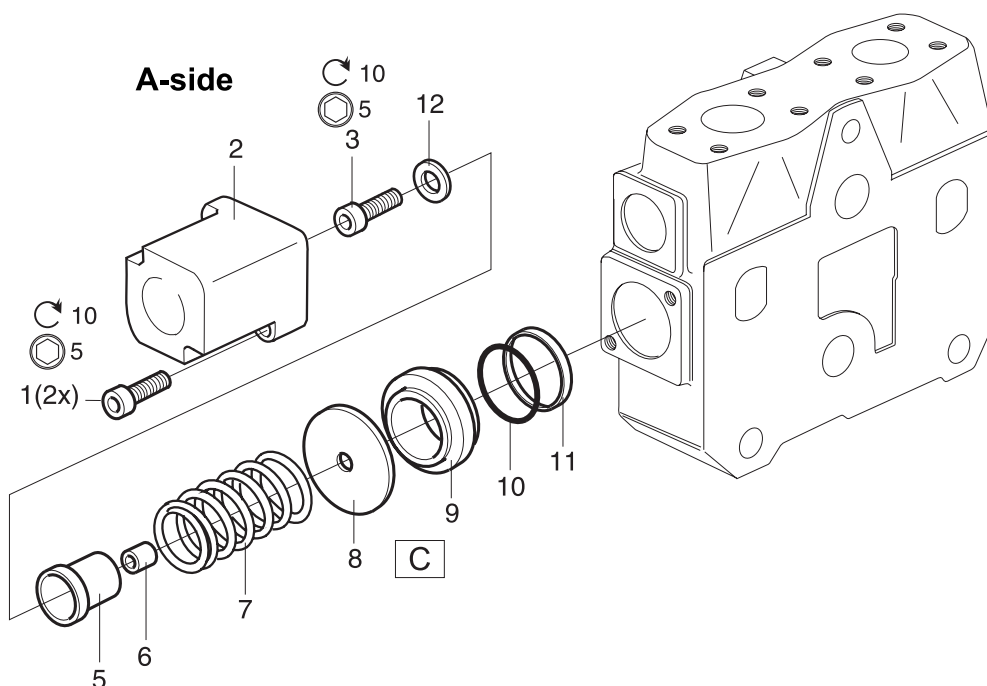
Spool section, accesories
Lever holder



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
C, ACP2	26	9120089237	Lever holder complete	1(2x), 2(2x), 3, 5 [4], 6(2x) a)
C, ACP2	26	6761032	Lever holder complete	1(2x), 2(2x), 3, 6(2x), 7 [4]
C, ACP2	26	9120099841	Spool seal kit	1(2x), 2(2x), 4

a) For old lever bracket up to Serial No. 1039.

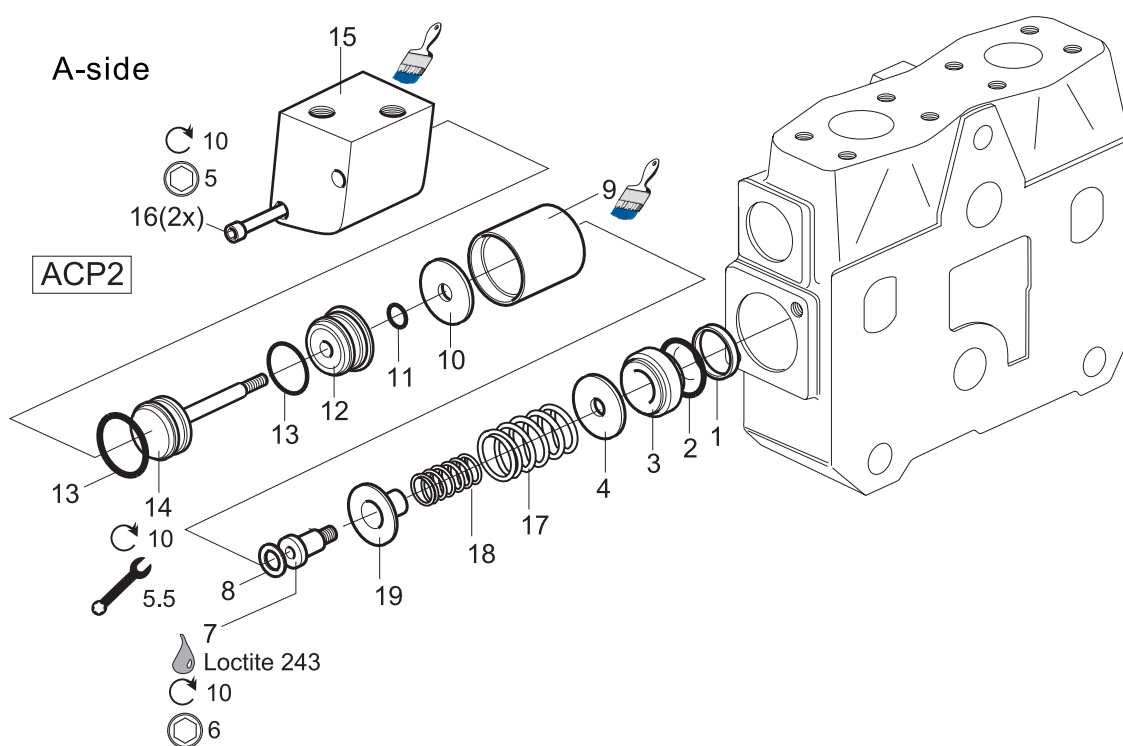
Spool section, accesories
Spool control C



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
C	26	9120089213	Cap complete, C, A-side	1(2x), 2, 9, 10(2x), 11(2x)
C	26	9120089214	Spring kit, C	3, 5, 6, 7, 8, 12
C	26	9120099841	Spool seal kit	4, 10(2x), 11(2x) (Pos. 4: see page 16)

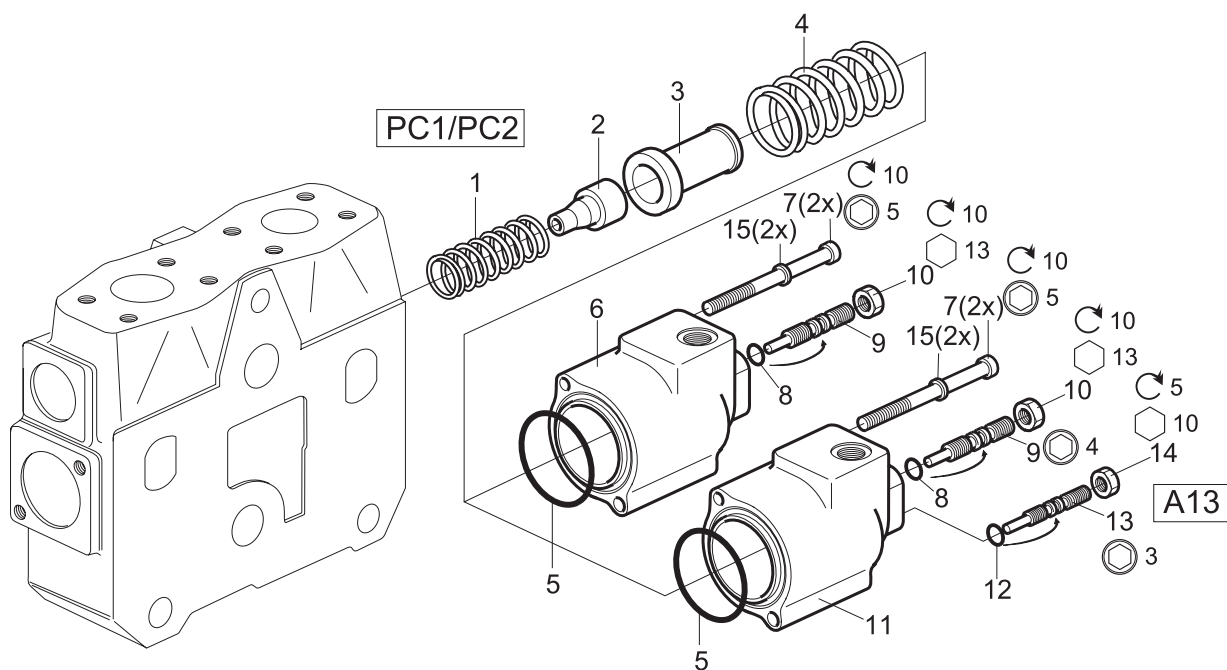
Spool section, accesories

Spool control ACP2



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
ACP2	26	9120089250	Spring complete ACP2	1(2x), 2(2x), 3, 4, 7, 8, 9, 10, 17, 18, 19
ACP2 + 8SM, 8R	26 + 07	9120089243	Cylinder ACP2, BSP	11, 12, 13(2x), 14, 15, 16(2x)
ACP2	26	9120039067	Seal kit	1(2x), 2(2x), 11, 13(2x)

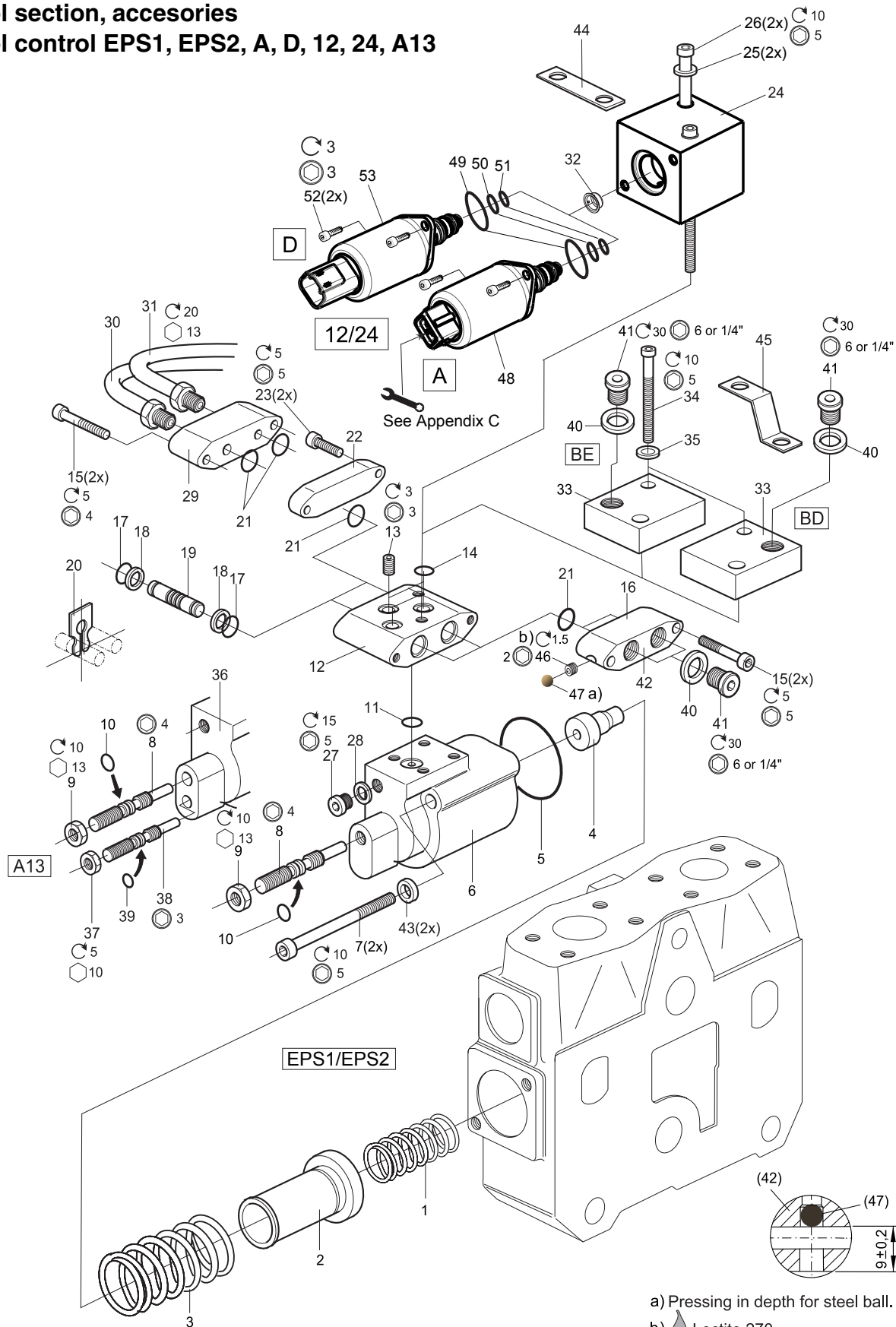
Spool section, accesories
Spool control PC1, PC2, A13



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
PC1	26	9120089215	PC1 spring complete	1, 2, 3, 4
PC2	26	9120089216	PC2 spring complete	1, 2, 3, 4
PC1, PC2 + 8SM, 8R	26 + 07	9120089217	Cap PC1, PC2, BSP	5, 6 [8, 9, 10], 7(2x), 15(2x)
PC1, PC2 + 8SU	26 + 07	9120089218	Cap PC1, PC2, UNF	5, 6 [8, 9, 10], 7(2x), 15(2x)
A13 + 8SM, 8R	30 + 07	9120089264	Cap A13, BSP	5, 7(2x), 11 [8, 9, 10, 12, 13, 14], 15(2x)
A13 + 8SU	30 + 07	9120089265	Cap A13, UNF	5, 7(2x), 11 [8, 9, 10, 12, 13, 14], 15(2x)
PC1, PC2, EPS1, EPS2; A13	26; 30	9120088009	Seal kit PC1, PC2, EPS1, EPS2, A13	5(2x), 8(2x), 12(2x)

Spool section, accesories

Spool control EPS1, EPS2, A, D, 12, 24, A13



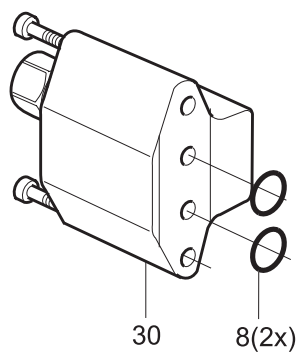
a) Pressing in depth for steel ball.
 b) Loctite 270

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
BD, BE	-	6761011	Cover plate for BD and BE	14(3x), 33, 34(2x), 35(2x), 40, 41
EPS1	26	9120089257	Spring kit EPS1	1, 2, 3, 4
EPS2	26	9120089258	Spring kit EPS2	1, 2, 3, 4
EPS1, EPS2	26	9120089259	Cylinder	5, 6 [8, 9, 10, 27, 28], 7(2x), 11, 12, 14(3x), 43(2x), 44
A13	30	9120089263	Cylinder, A13	5, 7(2x), 11, 12, 14(3x), 36 [8, 9, 10, 27, 28, 37, 38, 39], 43(2x), 44
EPS1, EPS2	26	9120089260	Supply connector pipe	19 [17(2x), 18(2x)](2x), 20(2x)
EPS1, EPS2 + 8SM, 8R	26 + 07	9120079132	Supply connector, BSP	15(2x), 16, 21(2x)
EPS1, EPS2 + 8SU	26 + 07	9120079133	Supply connector, UNF	15(2x), 16, 21(2x)
EPS1, EPS2	26	9120089261	Supply connector A to B side	15(4x), 21(4x), 29(2x), 30, 31
EPS1, EPS2	26	9120079134	Cover plate	21(2x), 22, 23(2x)
EPS1, EPS2 + 8SM, 8R	26 + 07	9120099727	Cover plate, restriction Ø0.6, BSP	15(2x), 21(2x), 40(2x), 41(2x), 42, 46, 47
EPS1, EPS2 + 8SM, 8R	26 + 07	9120099728	Cover plate, restriction Ø0.7, BSP	15(2x), 21(2x), 40(2x), 41(2x), 42, 46, 47
EPS1, EPS2 + 8SM, 8R	26 + 07	9120099729	Cover plate, restriction Ø0.8, BSP	15(2x), 21(2x), 40(2x), 41(2x), 42, 46, 47
EPS1, EPS2 + 8SM, 8R	26 + 07	9120099730	Cover plate, restriction Ø1.0, BSP	15(2x), 21(2x), 40(2x), 41(2x), 42, 46, 47
EPS1, EPS2 + 8SU	26 + 07	9120099731	Cover plate, restriction Ø0.6, UNF	15(2x), 21(2x), 41 [40](2x), 42, 46, 47
EPS1, EPS2 + 8SU	26 + 07	9120099732	Cover plate, restriction Ø0.7, UNF	15(2x), 21(2x), 41 [40](2x), 42, 46, 47
EPS1, EPS2 + 8SU	26 + 07	9120099733	Cover plate, restriction Ø0.8, UNF	15(2x), 21(2x), 41 [40](2x), 42, 46, 47
EPS1, EPS2 + 8SU	26 + 07	9120099734	Cover plate, restriction Ø1.0, UNF	15(2x), 21(2x), 41 [40](2x), 42, 46, 47
		6761013	Seal kit O-ring	21 (10x)
EPS1, EPS2	26	9120089284	Seal kit EPS1, EPS2, per section	5(2x), 10(2x), 11(2x), 14(6x), 28(2x)
EPS1, EPS2	26	6760099	Damping restrictor M6x6, Ø0.45	13 (5x)
EPS1, EPS2	26	6760076	Damping restrictor M6x6, Ø0.6	13 (5x)
EPS1, EPS2	26	6760101	Damping restrictor M6x6, Ø0.7	13 (5x)
EPS1, EPS2	26	6760102	Damping restrictor M6x6, Ø0.8	13 (5x)
EPS1, EPS2	26	6760103	Damping restrictor M6x6, Ø0.9	13 (5x)
EPS1, EPS2	26	6760104	Damping restrictor M6x6, Ø1.0	13 (5x)
EPS1, EPS2	26	6760106	Damping restrictor M6x6, Ø1.2	13 (5x)
EPS1, EPS2	26	6760107	Damping restrictor M6x6, Ø1.3	13 (5x)
EPS1, EPS2	26	6760109	Damping restrictor M6x6, Ø1.5	13 (5x)
EPS1, EPS2	26	6760114	Damping restrictor M6x6, Ø2.5	13 (5x)
EPS1, EPS2; BD, BE	26; -	6761010	Lock tin between EPS* and BD,BE	45
		-	Plug VST11/4EDCF	41 [40]
		-	Plug 6HP5ON-S	41 [40]
		393000K828	Plug 1/8" BSP	27(2x), 28(2x)
EPS1, EPS2	26	6761014	Steel ball Ø5.0 mm	47 (2x)
EPS1, EPS2	26	6760094	Damping restrictor M4x5, Ø0.6	46 (5x)
EPS1, EPS2	26	6760095	Damping restrictor M4x5, Ø0.7	46 (5x)
EPS1, EPS2	26	6760096	Damping restrictor M4x5, Ø0.8	46 (5x)
EPS1, EPS2	26	6760097	Damping restrictor M4x5, Ø1.0	46 (5x)
Solenoid PS25: see page 27, table no. 2.				

Spool section, accesories

Pilot supply for spool controls EPS1, EPS2, A13

R(15/25/35/50)

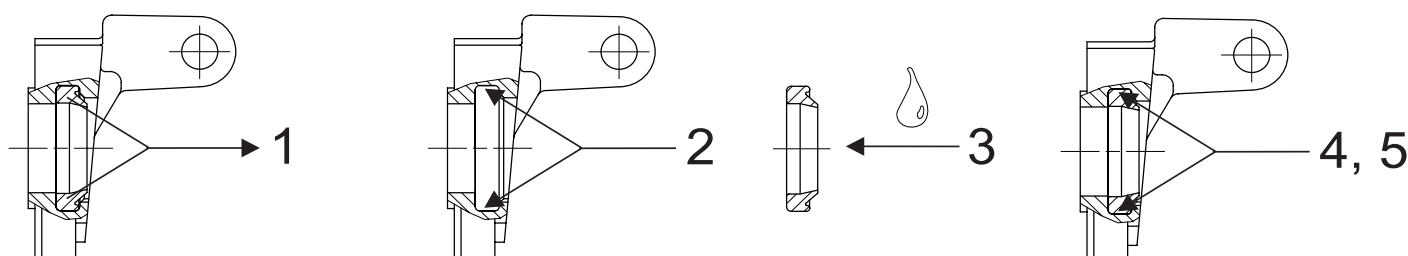


See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
R15 + 8SM, 8R	- + 07	8234930267	Pilot supply reducer 15 bar, BSP	30
R15 + 8SU	- + 07	8234930277	Pilot supply reducer 15 bar, UNF	30
R25 + 8SM, 8R	- + 07	8234930268	Pilot supply reducer 25 bar, BSP	30
R25 + 8SU	- + 07	8234930275	Pilot supply reducer 25 bar, UNF	30
R35 + 8SM, 8R	- + 07	8234930264	Pilot supply reducer 35 bar, BSP	30
R35 + 8SU	- + 07	8234930280	Pilot supply reducer 35 bar, UNF	30
R50 + 8SM, 8R	- + 07	8234930266	Pilot supply reducer 50 bar, BSP	30
R15, R25, R35, R50		6761013	Seal kit O-ring	8 (10x)
R15, R25, R35, R50		9128328050	Kit with spool, spring and sealings	Not shown

See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
EPS* + 12 + A	26 + 04 + A	6763384	Spool control EPS* cpl, 12 VDC	24, 25(2x), 26(2x), 32, 48 [49, 50, 51], 52(2x)
EPS* + 24 + A	26 + 04 + A	6763385	Spool control EPS* cpl, 24 VDC	
EPS* + 12 + A	26+04+AMO	6763386	Spool control EPS* cpl, 12 VDC_MO	24, 25(2x), 26(2x), 32, 48 [49, 50, 51], 52(2x)
EPS* + 12 + A	26+04+AMO	6763387	Spool control EPS* cpl, 24 VDC_MO	
EPS* + 12 + D	26 + 04 + D	6763388	Spool control EPS* cpl, 12 VDC	24, 25(2x), 26(2x), 32, 53 [49, 50, 51], 52(2x)
EPS* + 24 + D	26 + 04 + D	6763389	Spool control EPS* cpl, 24 VDC	
EPS* + 12 + A	26 + 04 + A	6763059	PS25 solenoid valve, 12 VDC	48 [49, 50, 51], 52(2x)
EPS* + 24 + A	26 + 04 + A	6763060	PS25 solenoid valve, 24 VDC	48 [49, 50, 51], 52(2x)
EPS* + 12 + D	26 + 04 + D	6763061	PS25 solenoid valve, 12 VDC	53 [49, 50, 51], 52(2x)
EPS* + 24 + D	26 + 04 + D	6763062	PS25 solenoid valve, 24 VDC	53 [49, 50, 51], 52(2x)
EPS* + 12 + A	26+04+AMO	6763328	PS25MO solenoid valve, 12 VDC	48 [49, 50, 51], 52(2x)
EPS* + 12 + A	26+04+AMO	6763327	PS25MO solenoid valve, 24 VDC	48 [49, 50, 51], 52(2x)
EPS1, EPS2	26	6760507	Seal kit PS25	49(5x), 50(5x), 51(5x)
EPS1, EPS2	26	398000K603	Pilot orifice Ø2.0, marked 2	32 (5x)

Symbol	Description
	For optimum function, the radial play between spool and spool bore must be correct. Spools are therefore colour-coded to identify sizes. We recommend that the whole valve/section is changed if the spool has to be replaced (valve housings cannot be purchased as spares, so if a new one is required a new valve or complete section should be ordered). If the spool has to be changed, it is extremely important that the new spool is the right size. If the spool is too large, it will not work properly even if it appears to function perfectly on assembly, and if the spool is too small, function will also be adversely affected. Spools that are classified by size are marked in the list with . The colour-marking of the spool may disappear after a time, so, unless otherwise stated, the housing is marked with a letter to indicate the respective colour as follows: B for Blue, G for Green, R for Red.
	Changing the settings, replacing the preset pressure relief valve or breaking the seal must only be done in accordance with the manufacturer's instructions. Other settings may seriously damage the machine and other assets, and may cause personal injury. Note that a value contained in the customer specification manual does not apply if the manufacturer changed the settings at installation. Always contact the manufacturer's service organisation before servicing items marked with .

Removal and mounting of scraper ring.

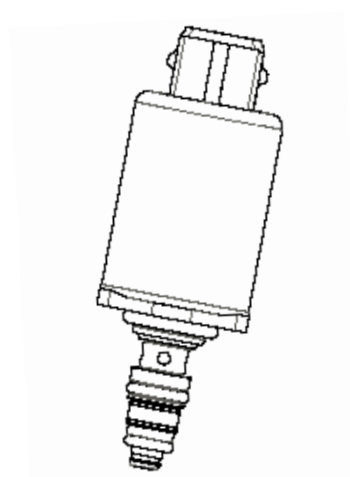
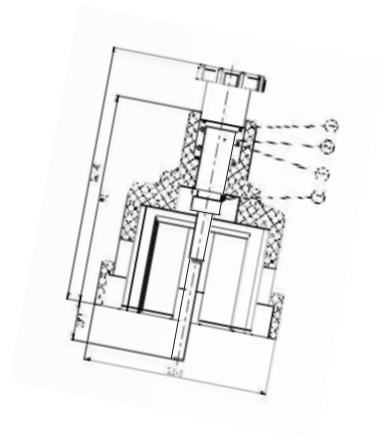


1. Remove carefully the old scraper ring (not spring loaded) to avoid damaging of the lever bracket. Use as tool a screwdriver, a nippers or a small hook.
2. Clear scraper ring groove and make sure there are no color or paint flakes remaining in the track.
3. The scraper ring with associated surfaces in the lever bracket must be oiled.
4. Push the new scraper ring in the lever brackets track.
5. Verify that the scraper ring has not been damaged during assembly, that the edges are still full.

Appendix C: Assembly Instructions. Tools.

Manual override may not be used without knowledge of functionality.

CAUTION: No proportional function

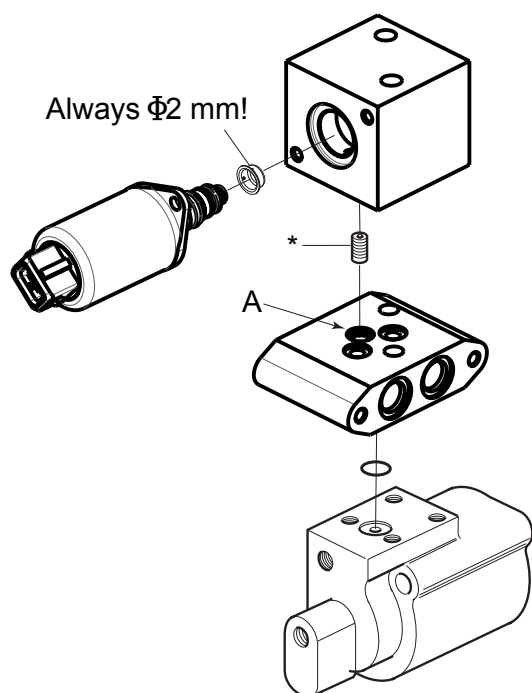


1. A special tool must be used to engage the manual override function of the solenoid! Use of other tools to attempt to engage or disengage the manual override may not work or may not work when intended.
2. When using the manual override function, the solenoid has only on-off functionality and doesn't operate proportionally as usual. This means, for example, that the solenoid may operate much faster than usual and the unexpected speed could cause crushing or other injuries.
3. When using the manual override be certain that all operations of the application, regardless of speed, will not endanger persons or property nearby.
4. As always, consult the operations manual for all specifications and functions of the valve. If there are questions contact PARKER.

The PS25MO is equipped with a manual override pin in the connector. To actuate the PS25MO a specific tool is needed since the tolerances of the pin is so small that it can be damaged or the pin sticks in actuated position.

Please notify that it's for fault searching only and shall be used as rarely as possible with common sense in mind. If manual override is used humans can be exposed for very dangerous situations. Please read the legal limits before using the manual override.

Part number for override tool: **6763001**.

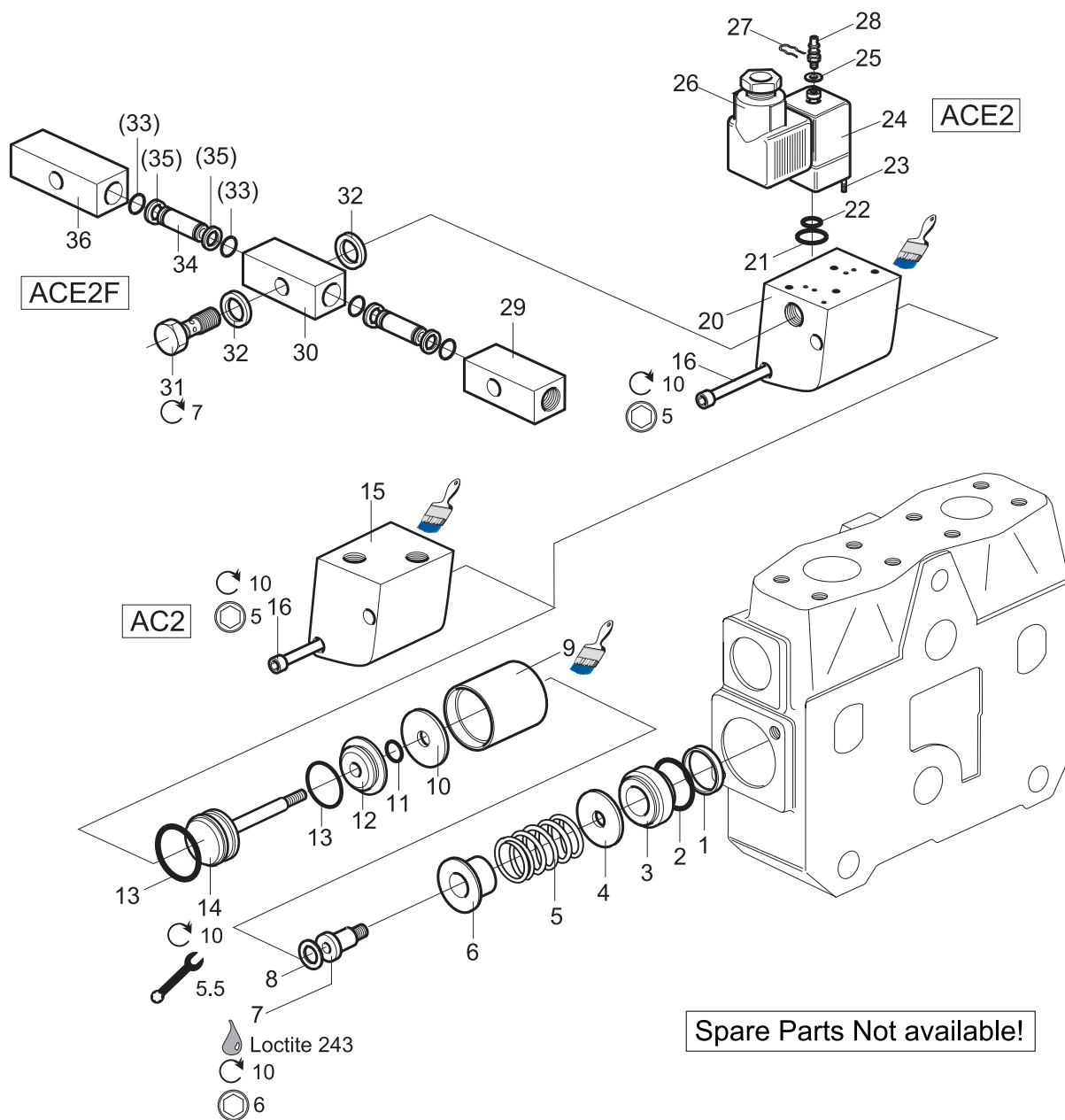
Spool controls EPS1, EPS2

Solenoid PS25 for valve HV08 always assembled with restrictor $\Phi 2.0$ mm! (PS25 as spare part is always delivered with restrictor $\Phi 2.0$ mm.)

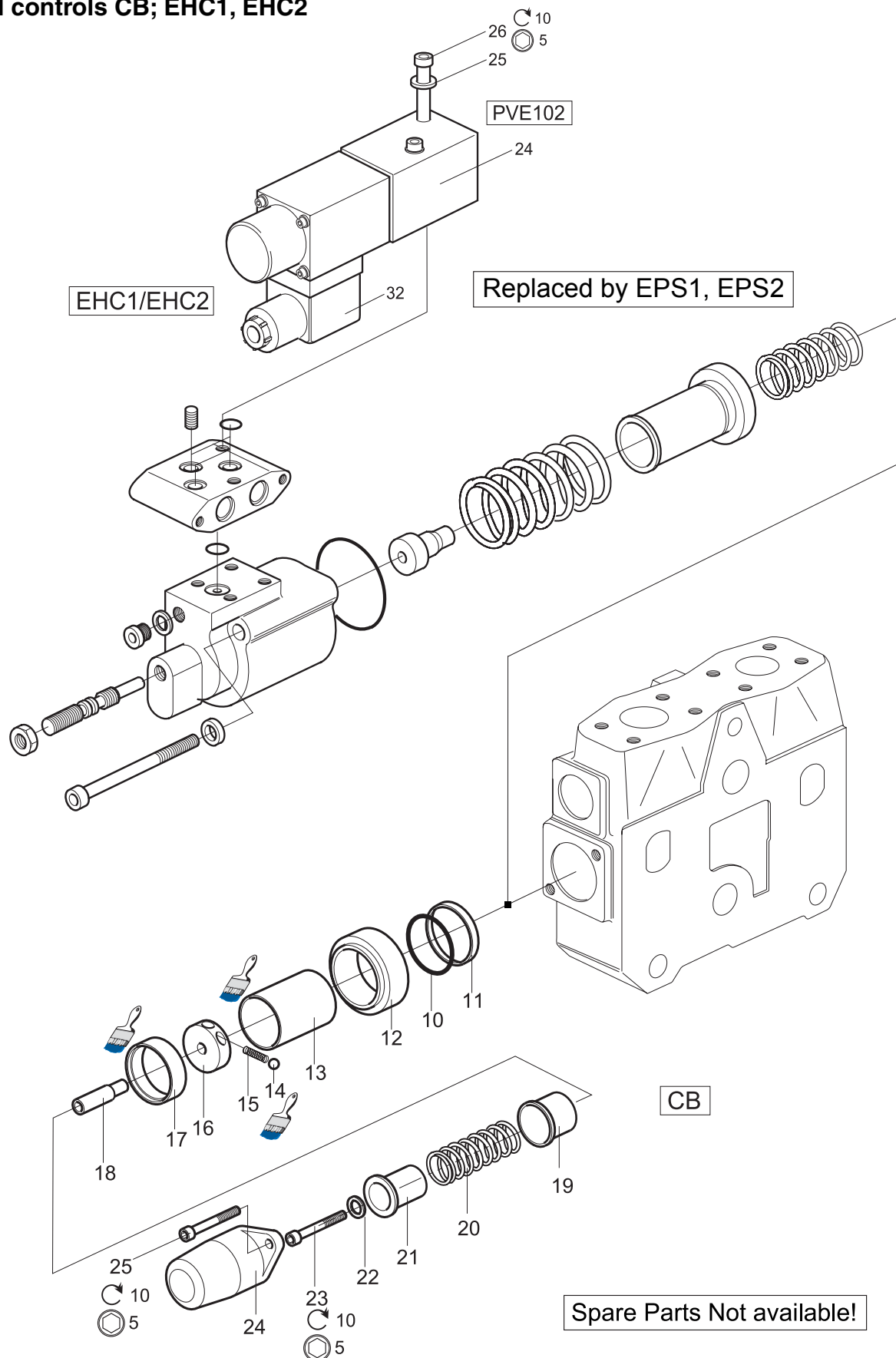
* Damping restrictors for spool controls EPS1 and EPS2 to be mounted on the connection list (site A). They may be selected acc. to Customer specification EPS.

At "X" in the Customer specification mounted not a damping restrictor!

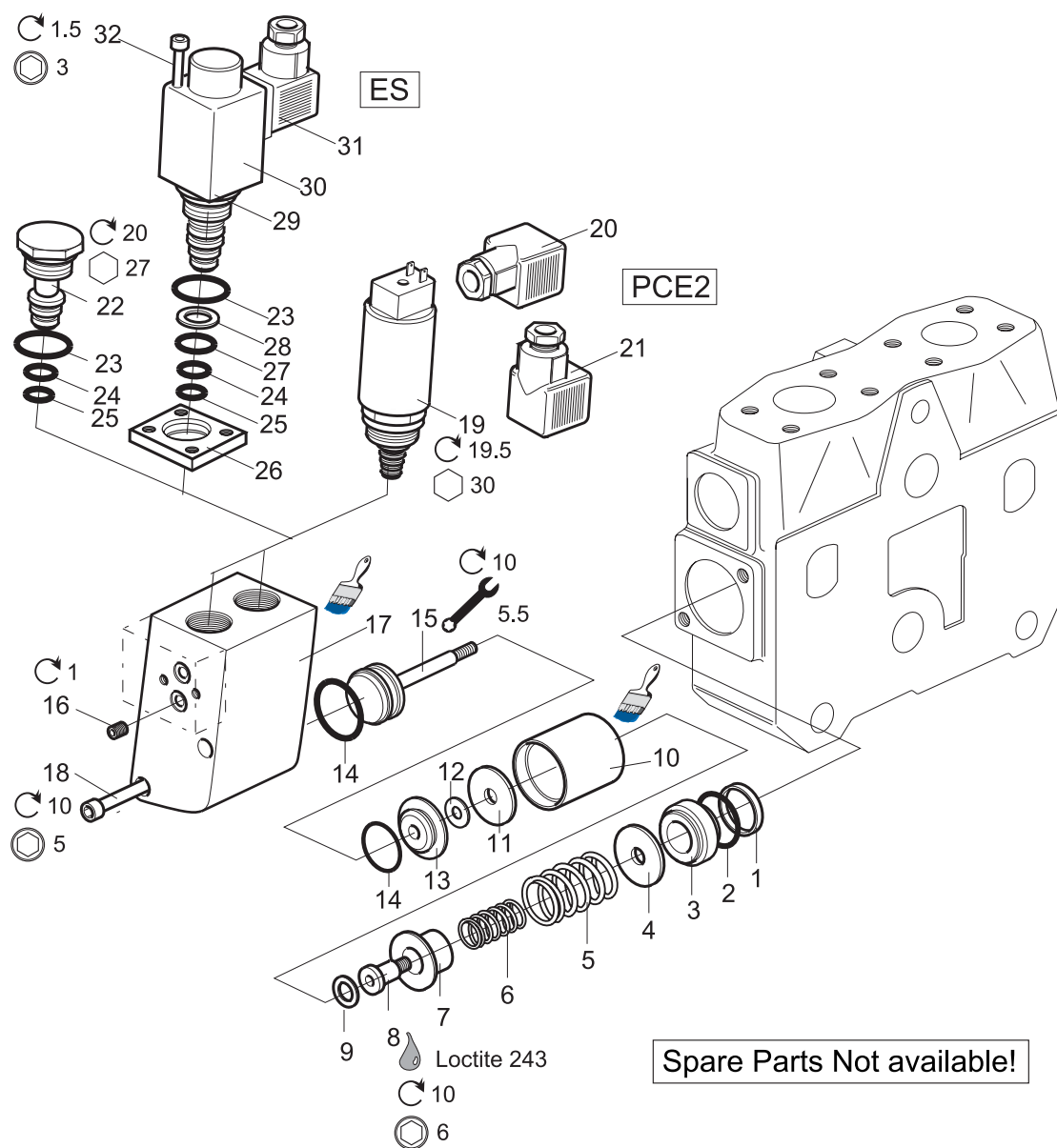
Spool control AC2, ACE2, ACE2F



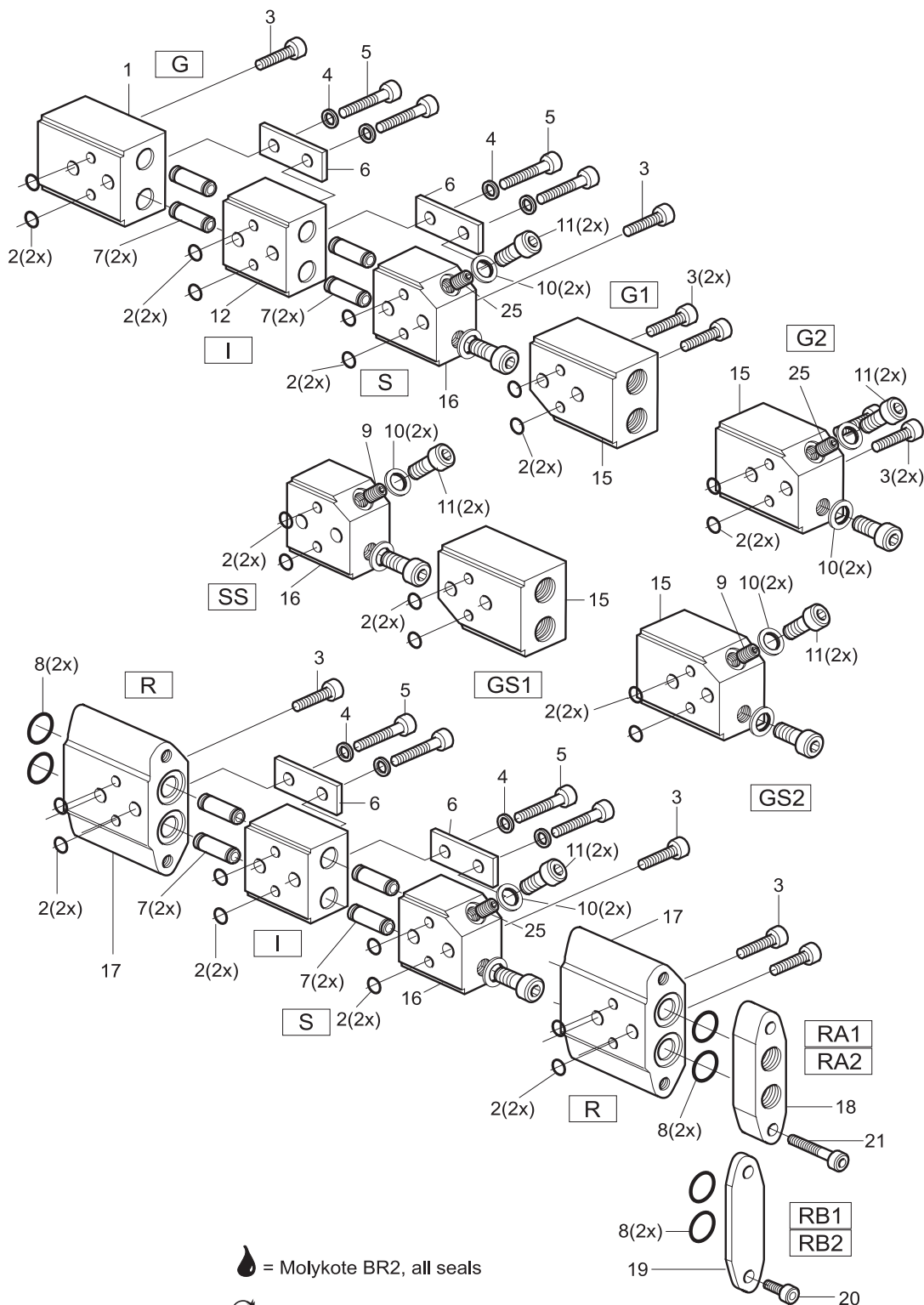
Spool controls CB; EHC1, EHC2



Spool control ES, PCE2

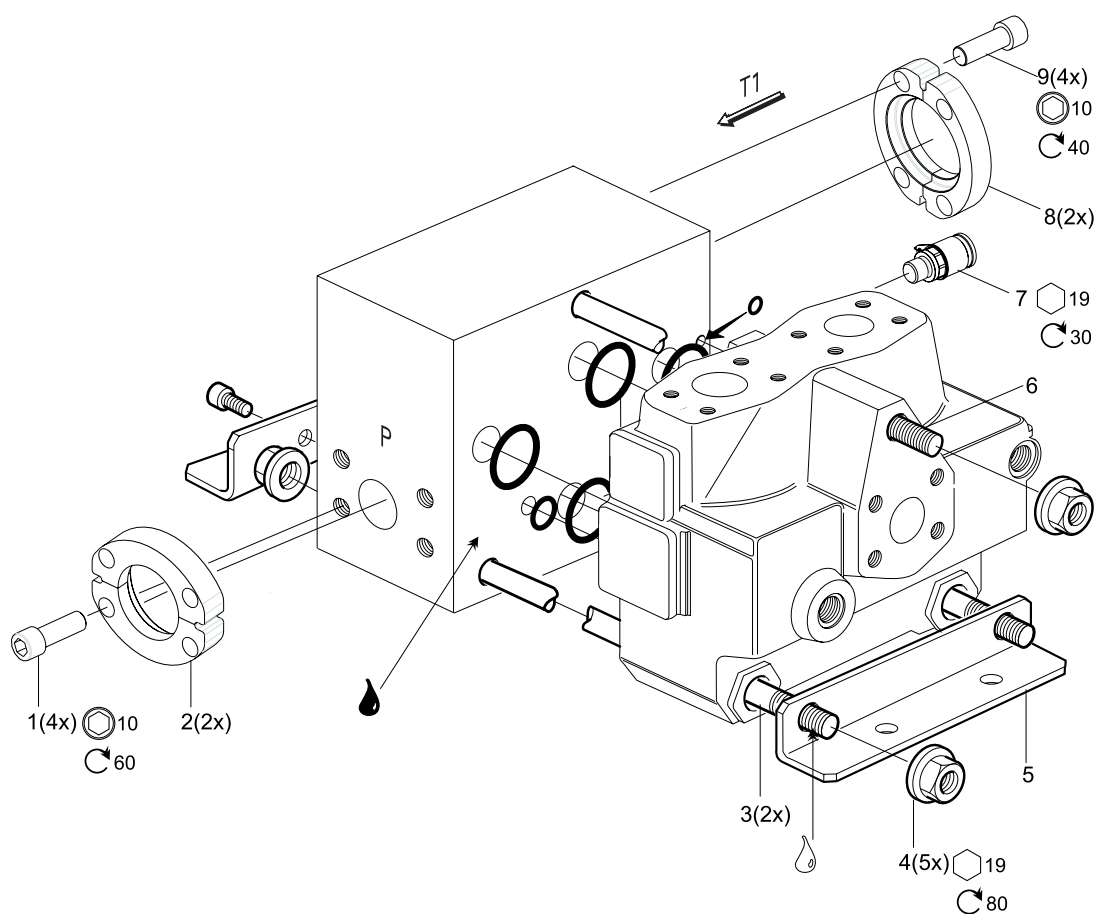


Pilot supply for spool controls ES and PCE2



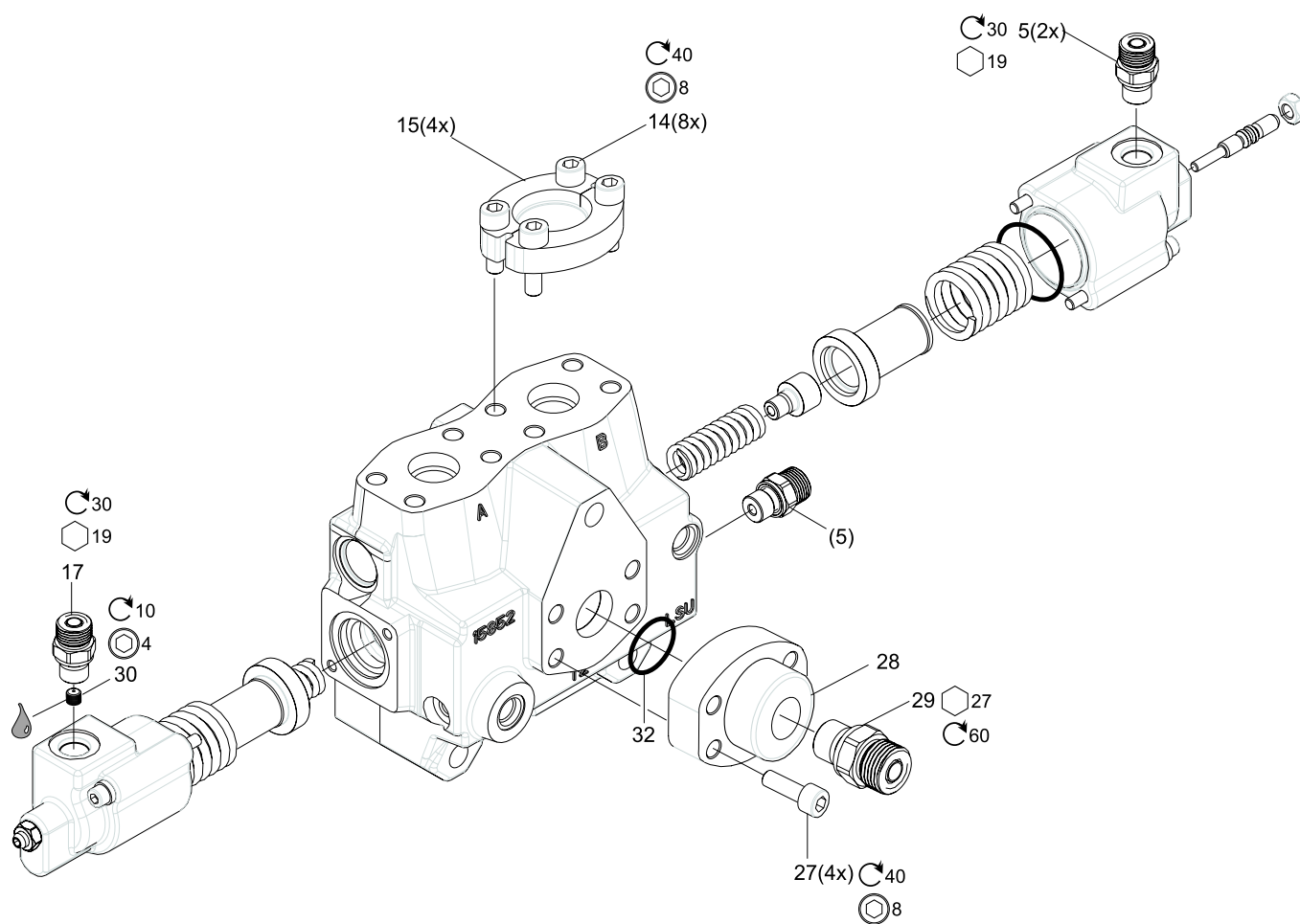
Spare Parts Not available!

Variant A50



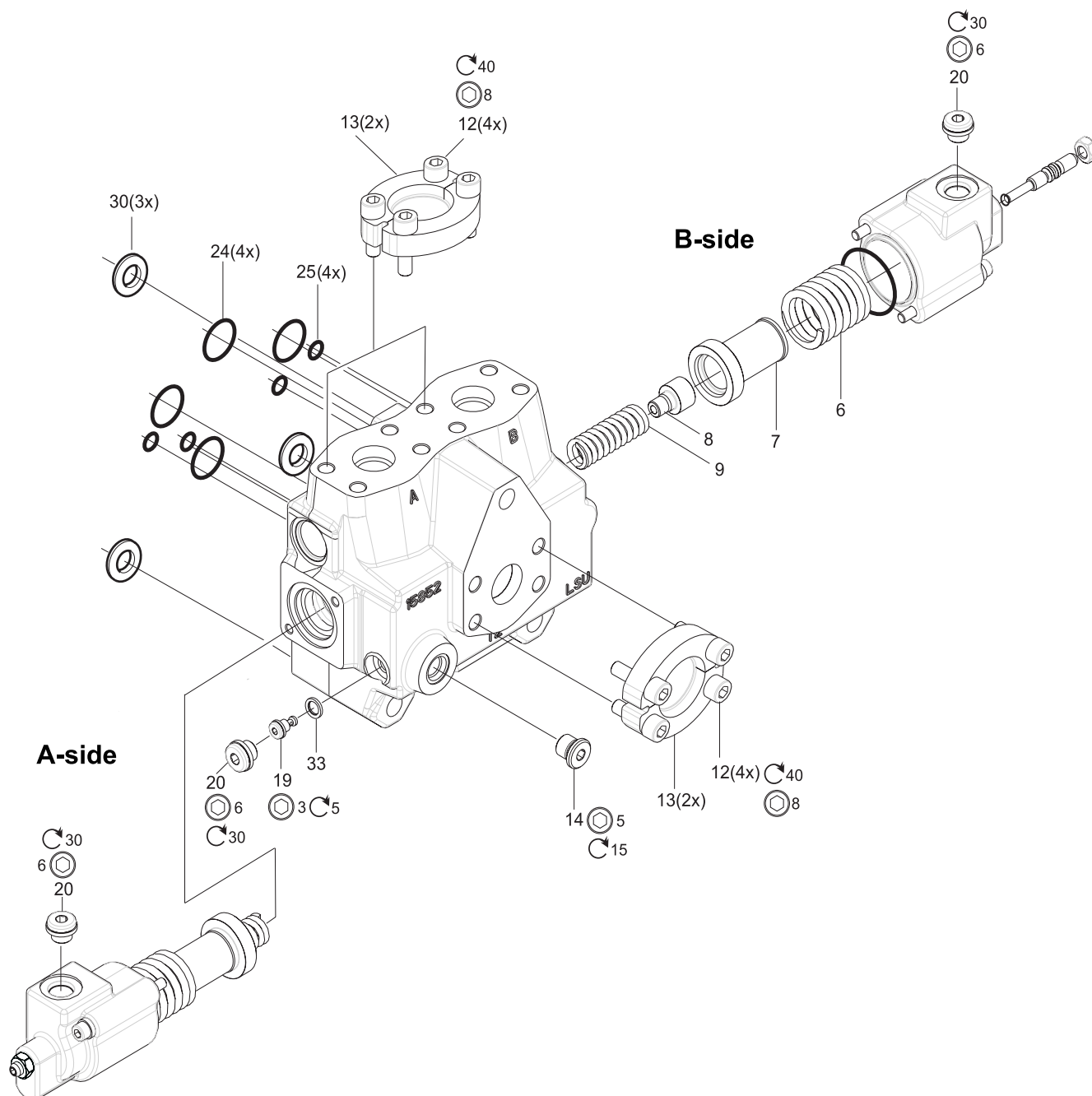
See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
A50	14	9120088001	Flange kit 1 1/4", 3000 psi	1(4x), 2(2x)
A50	18	9120088002	Flange kit 1 1/2", 3000 psi	8(2x), 9(4x)
A50	14	9120088007	Tie rod kit, 1 section, 145 mm	3(2x), 4(5x), 5, 6
A50	14	-	Measuring plug EMA3/1/4EDCF	7

Variant A50



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
A50	14	9120088006	Flange kit 1", 3000 psi	14(4x), 15(2x)
A50	19	9120088003	Flange kit 1/2", 3000 psi	27(4x), 28, 32
A50	19	6760929	Seal kit O-ring	32 (5x)
A50	19	-	Nipple GE15LREDOMDCF	29
A50	14	-	Nipple GE12LR1/4EDOMDCF	5
A50	14	9120088005	Nipple M18x1.5	17, 30
A50	14	6760116	Restrictor M8x8, Ø0.6	30 (5x)

Variant A51



See Customer Specification				
Code	Pos	Part	Description	Remarks / Items
A51	30	9120088006	Flange kit 1", 3000 psi	12(4x), 13(2x)
A51 + PC2	30 + 26	6760641	Spring kit	6, 7, 8, 9 (Side A = Side B)
A51	30	6760640	Parting sals A51 + manifold	24(4x), 25(4x), 30(3x)
A51	30	9120089297	Restriction Ø0.8	19, 33
A51	30	-	Plug VST11/8EDCF	14
A51	30	-	Plug VST11/4EDCF	20

[illegible]

[illegible]

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