DYNASET

POWERED BY HYDRAULICS



SPARE PARTS

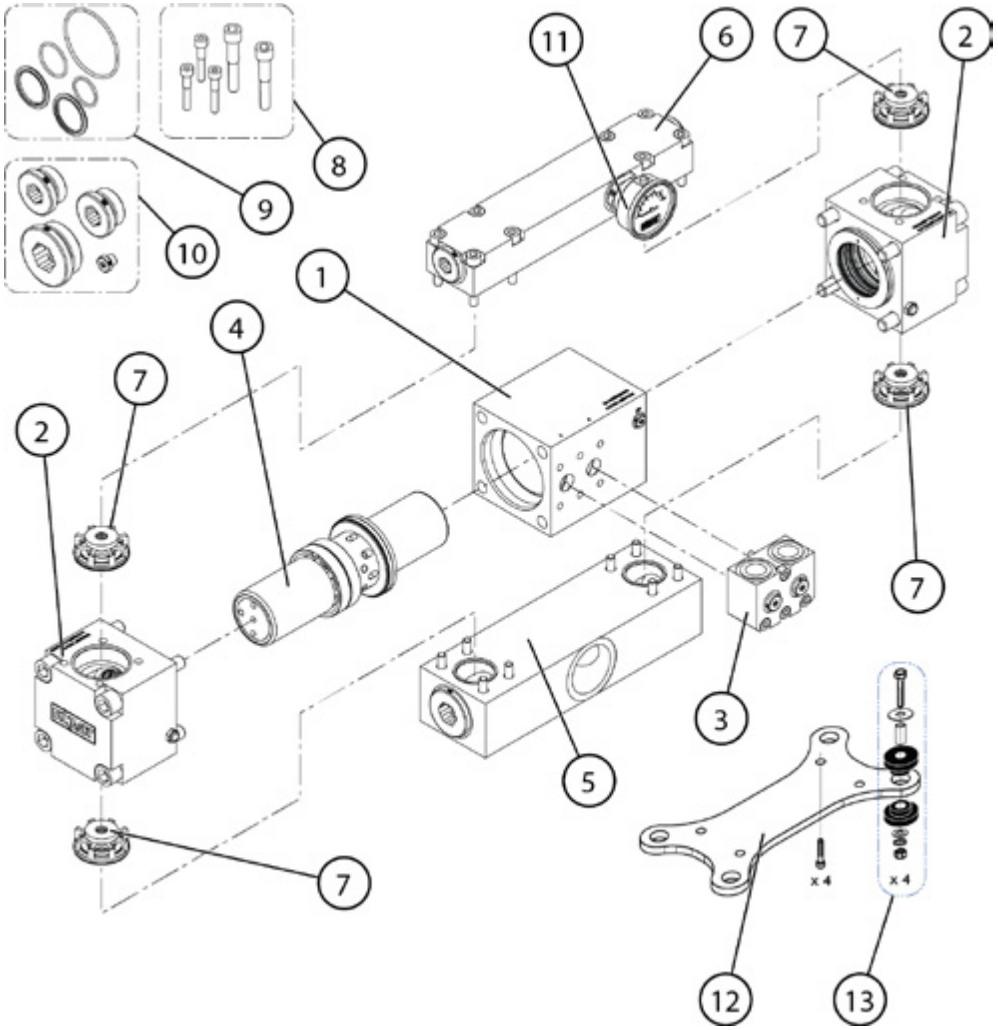
HIGH PRESSURE WATER PUMPS

HDF 90 /150-85

rev 1.0

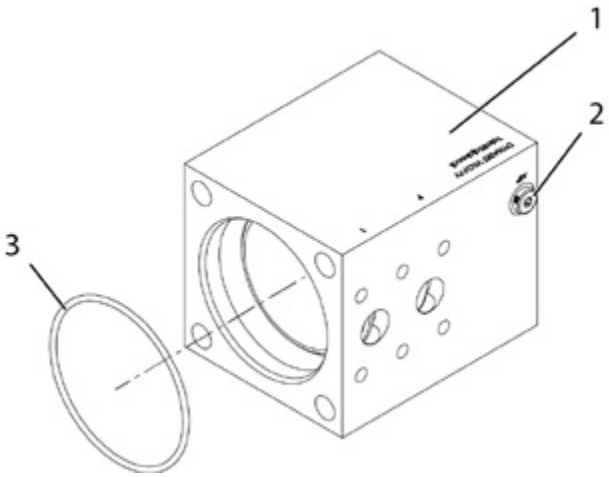
MAIN COMPONENTS 3
1. CENTER BODY 4
2. HEAD 5
3. PT BLOCK 6
4. PISTON 9
5. SUCTION MANIFOLD 10
6. PRESSURE MANIFOLD 11
7. WATER VALVE 12
8. SCREW KIT 14
9. SEAL KIT 16
10. PLUG KIT 18

MAIN COMPONENTS



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
1		1	CENTER BODY		See separate part list
2		2	HEAD		See separate part list
3		1	PT BLOCK		See separate part list
4		1	PISTON		See separate part list
5		1	SUCTION MANIFOLD		See separate part list
6		1	PRESSURE MANIFOLD		See separate part list
7		1	WATER VALVE KIT		See separate part list
8			SCREW KIT		See separate part list
9			SEAL KIT		See separate part list
10			PLUG KIT		See separate part list
11	V100 101 720	1	PRESSURE GAUGE		
11	V100 101 721	1	PRESSURE GAUGE KIT		Includes reduction
12	D219 011 784	1	MOUNTING PLATE KIT		
13	V100 100 010	1	RUBBER CUSHION KIT		

1. CENTER BODY



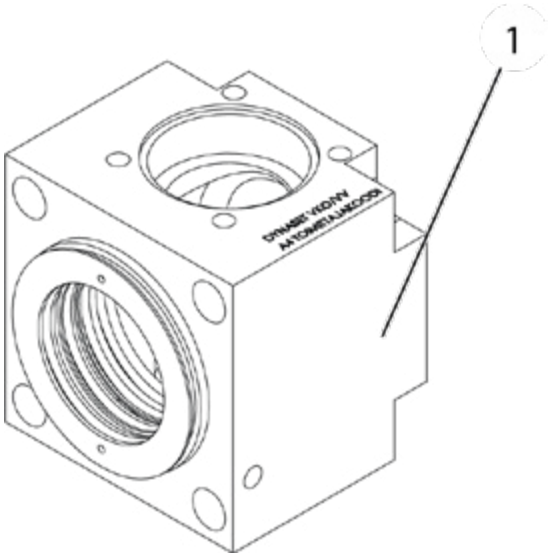
POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
1	V100 101 792	1	CENTER BODY		Includes pos. 2-3
2	*	1	HEXAGON SOCKET CAP PLUG	R1/8	Stainless steel
3	*	1	O-RING	87 x 3	

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
1	V100 101 790	1	CENTER BODY AIS	Stainless steel	Includes pos. 2-3
2	*	1	HEXAGON SOCKET CAP PLUG	R1/8	Stainless steel
3	*	1	O-RING	87 x 3	

* Not sold separately. Available only in kit or assembly described above or presented in separate part list. Read Details 2

Plugs are also available in Plug kit, see page 18.

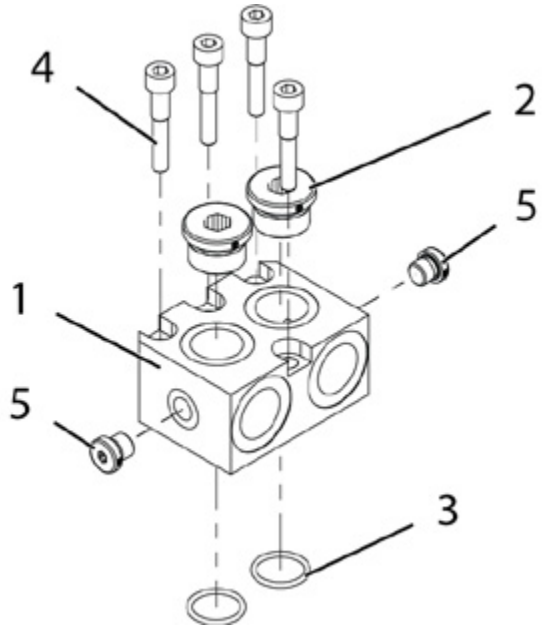
2. HEAD



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
1	V100 101 755	1	HEAD	Standard	

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
1	V100 101 757	1	HEAD AIS	Stainless steel	

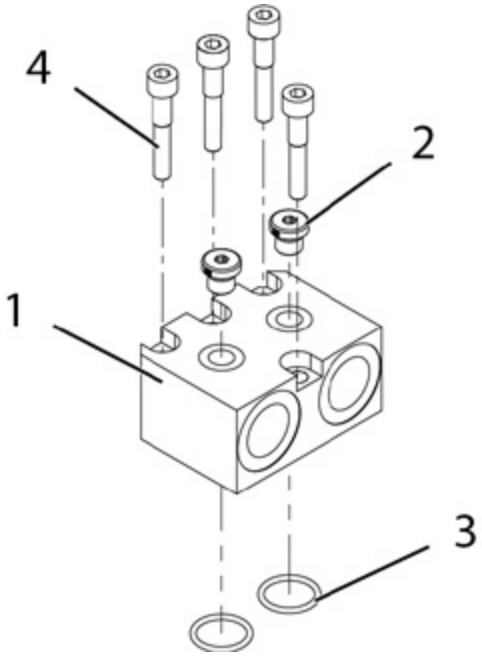
3. PT BLOCK



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 100 700		**PT BLOCK**		**Includes pos. 1-5**
1	*	1	PT BLOCK	R3/4 - AI	
2	*	2	HEXAGON SOCKET CAP PLUG	R3/4	
3	*	2	O-RING	21,3 x 2,4	
4	*	4	HEXAGON SOCKET CAP SCREW	M8x45	
5	*	2	HEXAGON SOCKET CAP PLUG	R1/4	

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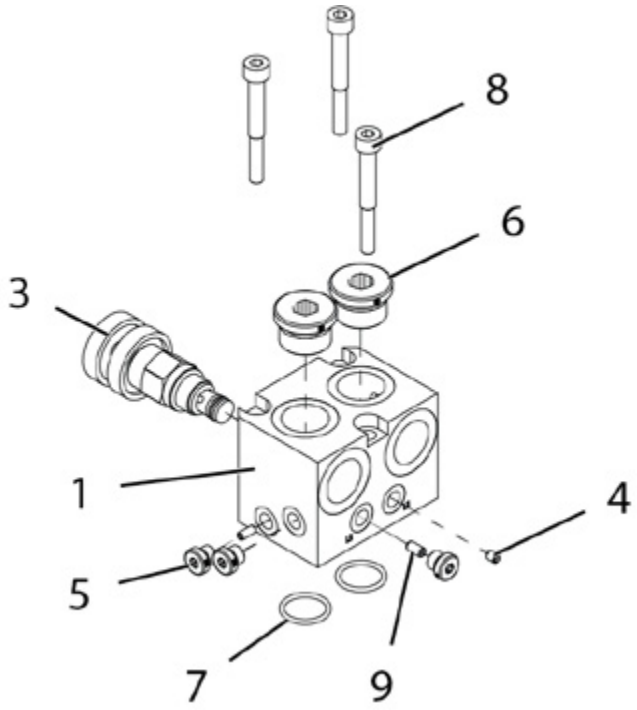
O-rings are also available in Seal kit, see page 16.
Screws are also available in Screw kit, see page 14.



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 100 720		**PT BLOCK - AIS**		**Includes pos. 1-4**
1	*	1	PT BLOCK	R3/4	Stainless Steel
2	*	2	HEXAGON SOCKET CAP PLUG	R1/4	Stainless Steel
3	*	2	O-RING	21,3 x 2,4	
4	*	4	HEXAGON SOCKET CAP SCREW	M8x45	Stainless Steel

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O-rings are also available in Seal kit, see page 16.
Screws are also available in Screw kit, see page 14.

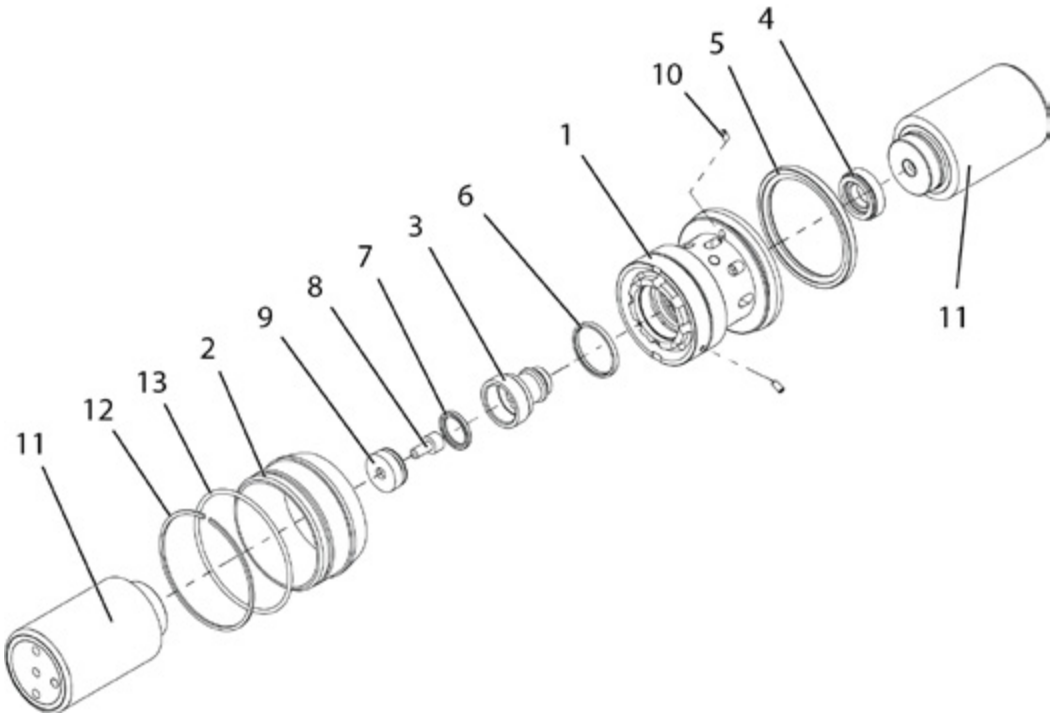


POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 100 740		**PT BLOCK LS**		**Includes pos. 1-9**
1	*	1	PT BLOCK	R3/4 - Al - LS	
3	*	1	PRESSURE RELIEF VALVE CARTRIDGE	35-350 bar	
4	*	1	ORIFICE	M6	
5	*	3	HEXAGON SOCKET CAP PLUG	R1/8	
6	*	1	HEXAGON SOCKET CAP PLUG	R3/4	
7	*	2	O-RING	21,3 x 2,4	
8	*	3	HEXAGON SOCKET CAP SCREW	M8x65	
9	*	2	SET SCREW	M4	

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O-rings are also available in Seal kit, see page 16.
Screws are also available in Screw kit, see page 14.

4. PISTON

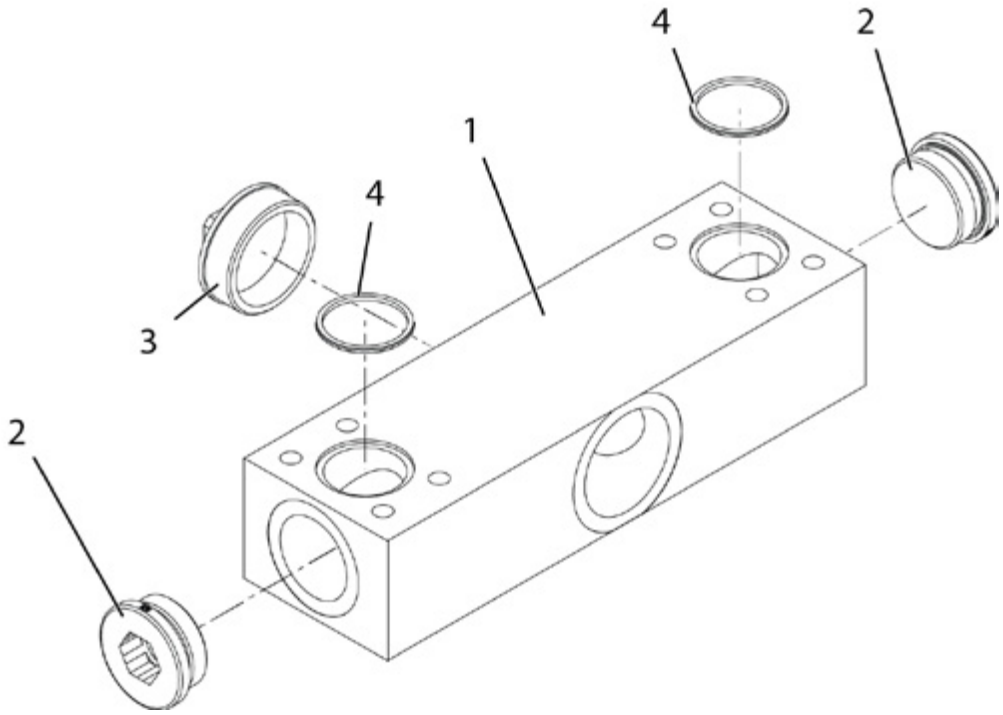


POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 770		**PISTON KIT**		Includes pos. 1-13
1	*	1	HYDRAULIC PISTON	D90 / d77,7	
2	*	1	CYLINDER LINER	D77,7	
3	*	1	VALVE SPOOL	D36-41,5	
4	*	1	VALVE SEAT	D35,3-10,5	
5	*	1	PISTON SEAL ASSEMBLY	M90	
6	*	1	PISTON SEAL ASSEMBLY	M28,5	
7	*	1	ROD SEAL	36/41	
8	*	1	HEXAGON SOCKET CAP SCREW	M8 x 16	
9	*	1	REVERSAL VALVE GUIDE	D28,5	
10	*	2	SET SCREW	M5x10	
11	V100 101 785	1	SECONDARY PISTON	D63	**Piston kit includes 2 secondary pistons**
12	*	1	LOCK RING	SW 85 x 2,5	
13	*	1	O-RING	87 x 3	
	V100 101 775		**HYDRAULIC PISTON KIT**	**Secondary pistons excluded**	**Includes pos. 1-5, 7, 8**
	V100 101 719		**REVERSAL VALVE GUIDE KIT**		**Includes pos. 6, 9, 8**
	V100 101 130		**PISTON SEAL KIT**		**Includes pos. 5, 6, 7**

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Seals and O-rings are also available in Seal kit, see page 16.

5. SUCTION MANIFOLD



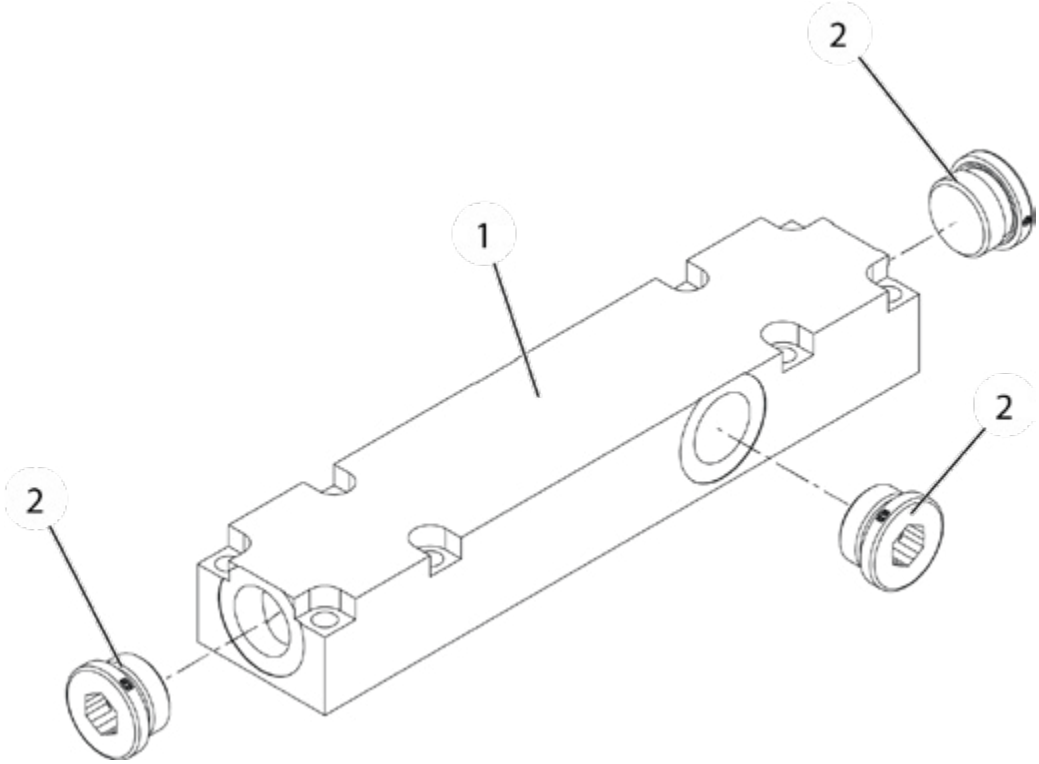
POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 760		**SUCTION MANIFOLD KIT**		**Includes pos. 1-4**
1	*	1	SUCTION MANIFOLD	Al	
2	*	2	HEXAGON SOCKET CAP PLUG	R1 1/2	Stainless steel
3	*	1	PLUG	R2	
4	*	2	SEAL	D47 / d41	

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 762		**SUCTION MANIFOLD KIT AIS**		**Includes pos. 1-4**
1	*	1	SUCTION MANIFOLD	AIS	Stainless steel
2	*	2	HEXAGON SOCKET CAP PLUG	R1 1/2	Stainless steel
3	*	1	PLUG	R2	
4	*	2	SEAL	D47 / d41	

* Not sold separately. Available only in kit or assembly described above or presented in separate part list. Read Details 2

Seals are also available in Seal kit, see page 16
Plugs are also available in Plug kit, see page 18.

6. PRESSURE MANIFOLD



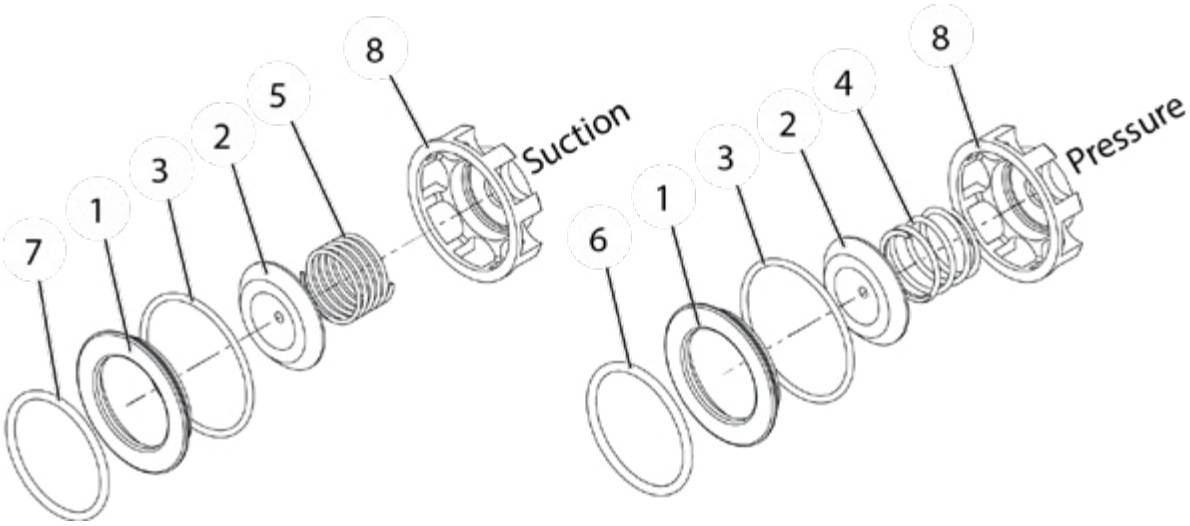
POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 750		**PRESSURE MANIFOLD KIT**		**Includes pos. 1-2**
1	*	1	PRESSURE MANIFOLD	Al	
2	*	3	HEXAGON SOCKET CAP PLUG	R1	Stainless steel

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 752		**PRESSURE MANIFOLD KIT AIS**		**Includes pos. 1-2**
1	*	1	PRESSURE MANIFOLD	AIS	Stainless steel
2	*	3	HEXAGON SOCKET CAP PLUG	R1	Stainless Steel

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Plugs are also available in Plug kit, see page 18.

7. WATER VALVE



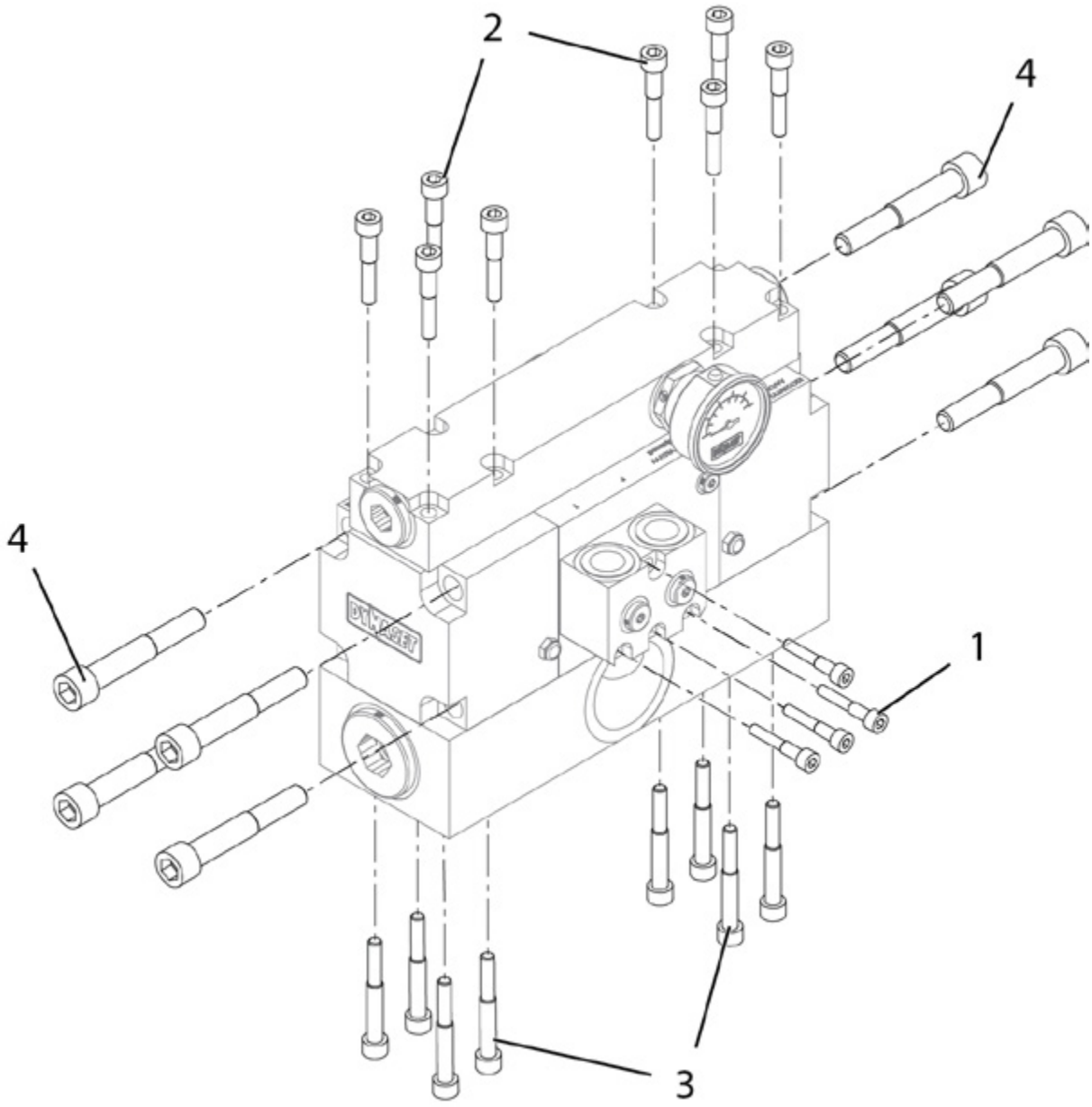
NOTE! The pressure valve's (4) spring has less turns than the suction valve's (5) spring.

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 799		**WATER VALVE KIT**		**Includes pos. 1-7**
1	*	4	WATER VALVE SEAT		
2	*	4	WATER VALVE DISK		
3	*	4	O-RING	53,64 x 2,62	
4	*	2	SPRING	Pressure	
5	*	2	SPRING	Suction	
6	*	2	O-RING	58,42 x 2,62	
7	*	2	SEAL	D47/d41	
8	**V100 101 798**	**1**	**WATER VALVE CAP**	**D58**	

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O-rings are also available in Seal kit, see page 16.

8. SCREW KIT



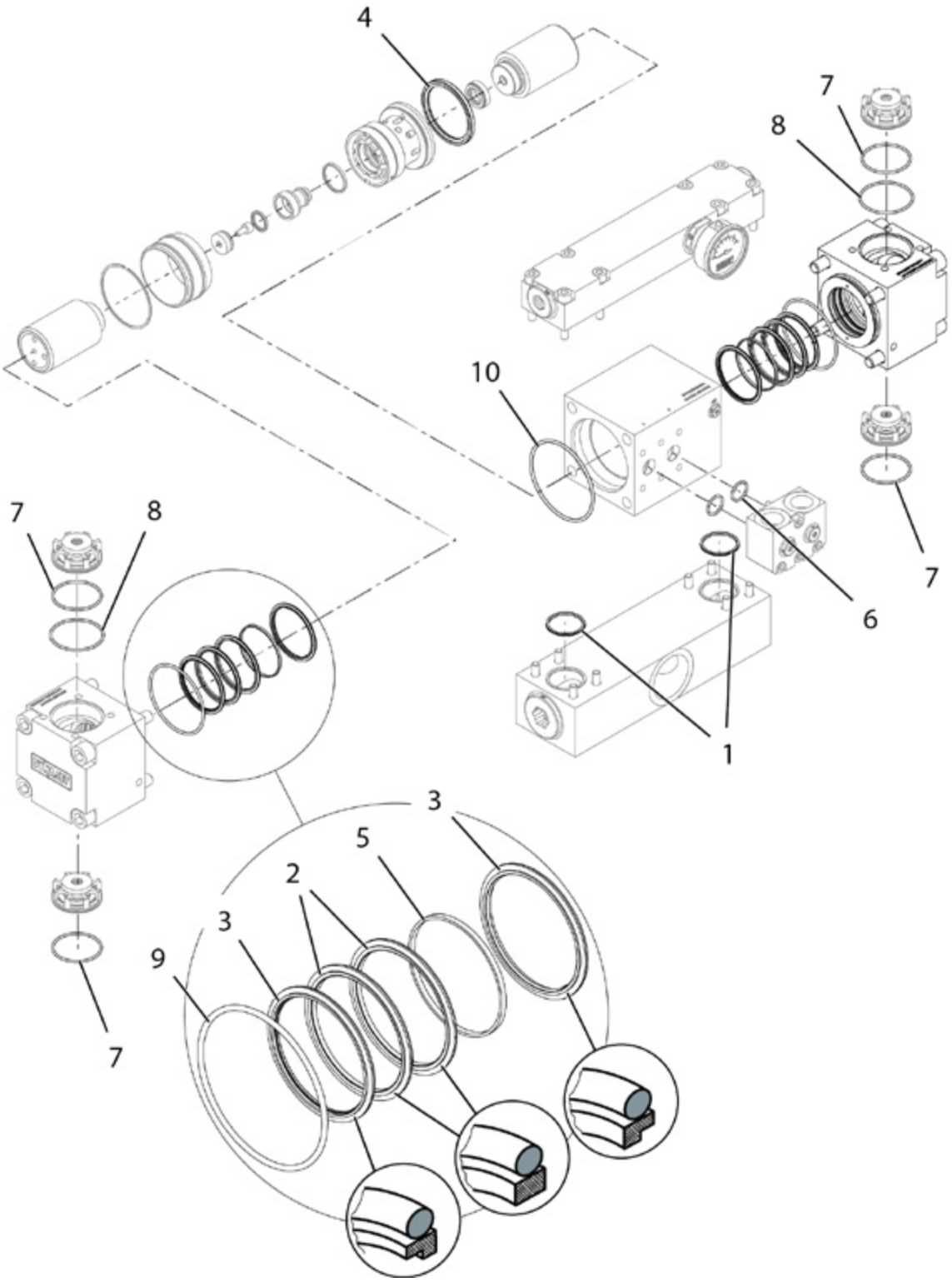
NOTE! Tightening torques can be found in user manual.

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 877		**SCREW KIT**		**Includes pos. 1-4**
1	*	4	HEXAGON SOCKET CAP SCREW	M8 x 45	
2	*	8	HEXAGON SOCKET CAP SCREW	M10 x 55	
3	*	8	HEXAGON SOCKET CAP SCREW	M10 x 75	
4	*	8	HEXAGON SOCKET CAP SCREW	M16x 100	

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 878		**SCREW KIT AIS**		**Includes pos. 1-4**
1	*	4	HEXAGON SOCKET CAP SCREW	M8 x 45	Stainless steel
2	*	8	HEXAGON SOCKET CAP SCREW	M10 x 55	Stainless steel
3	*	8	HEXAGON SOCKET CAP SCREW	M10 x 75	Stainless steel
4	*	8	HEXAGON SOCKET CAP SCREW	M16x 100	Stainless steel

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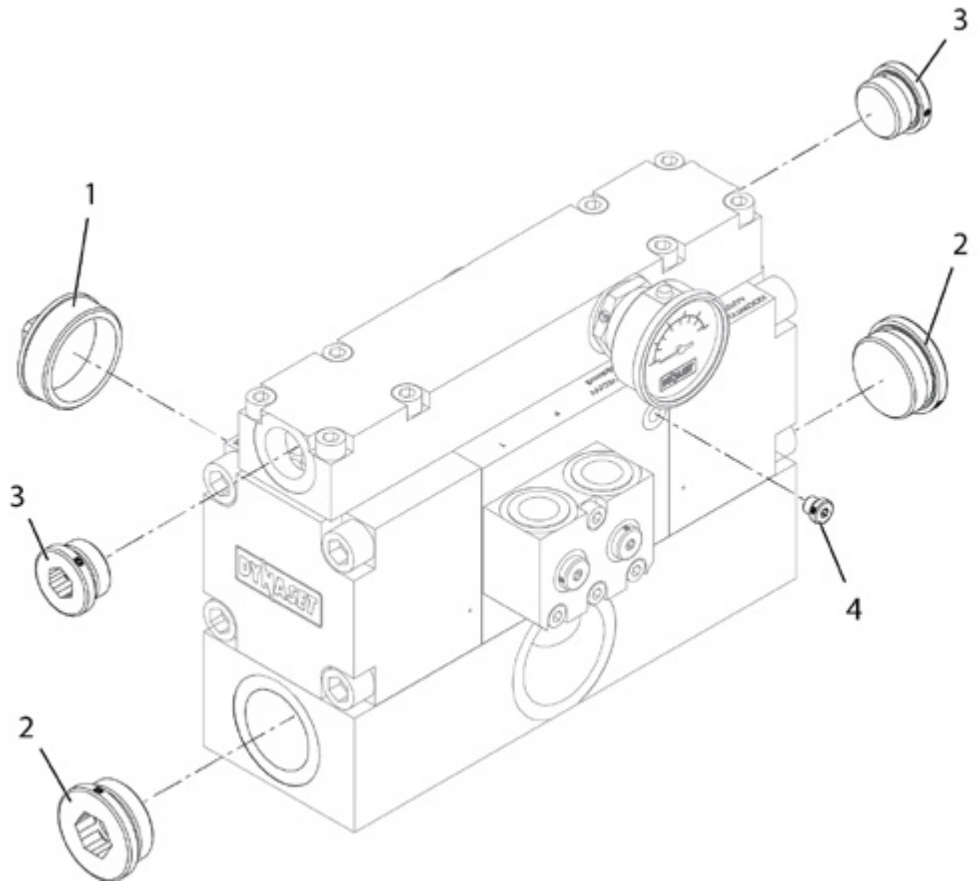
9. SEAL KIT



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 718		**SEAL KIT**		**Includes pos. 1-10**
1	*	2	SEAL	D47 / d41	
2	*	4	ROD SEAL	2T	Includes o-ring
3	*	4	ROD SEAL	1T	Includes o-ring
4	*	1	PISTON SEAL ASSEMBLY	M90	
5	*	2	WEAR RING	63/66-3	
6	*	2	O-RING	21,3 x 2,4	
7	*	4	O-RING	53,64 x 2,62	
8	*	2	O-RING	58,42 x 2,62	
9	*	2	O-RING	84,5 x 3	
10	*	1	O-RING	87 x 3	

* Not sold separately. Available only in kit or assembly described above or presented in separate part list. Read Details 2

10. PLUG KIT



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100 101 745		**PLUG KIT**		**Includes pos. 1-4**
1	*	1	PLUG	R2 u	
2	*	2	HEXAGON SOCKET CAP PLUG	R1 1/2	Stainless steel
3	*	2	HEXAGON SOCKET CAP PLUG	R1	Stainless steel
4	*	1	HEXAGON SOCKET CAP PLUG	R1/8	Stainless steel

* Not sold separately. Available only in kit or assembly described above or presented in separate part list. Read Details 2

DYNASET

POWERED BY HYDRAULICS

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ELECTRICITY
HG Hydraulic Generator
HGV POWER BOX Variable Hydraulic Generator System
HGV Variable Hydraulic Generator System
HWG Hydraulic Welding Generator
HGG Hydraulic Ground Power Generator

HIGH PRESSURE WATER
HPW Hydraulic High Pressure Water Pump
HPW Hydraulic Power Washer
KPL High Pressure Street Washing Unit
HPW-DUST High Pressure Dust Suppression System
PPL High Pressure Pipe Cleaning Unit
HPW-FIRE High Pressure Firefighting System
FP Fire Fighting Piercing Kit
HDF Hydraulic Drilling Fluid Pump
JPL High Pressure Bin Washing System
HSP Hydraulic Submersible Pump

COMPRESSED AIR
HK Hydraulic Piston Compressor
HKL Hydraulic Rotary Vane Compressor
HKR Hydraulic Screw Compressor

MAGNET POWER
HMG PRO Hydraulic Magnet Generator
MAG Lift Magnet
HMAG PRO Hydraulic Magnet

VIBRATION
HVB Hydraulic Vibration Pump
HVD Hydraulic Directional Vibra
HVC Hydraulic Vibration Compactor
HRC Hydraulic Reversal Cylinder

POWER BOOSTING
HPI Hydraulic Pressure Intensifier
HPI-C Hydraulic Pressure Intensifier for Cylinder

KNOW-HOW
Hydraulic Power Take-off (PTO)
Hydraulic Power Unit Technology
HEU Hydraulic Expansion Unit
HRU Hydraulic Rescue Unis
De-Icing Technology
Installation Valves
HHK Hydraulic Grinder
HV/HVY Hydraulic Winch / Winch Unit

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