

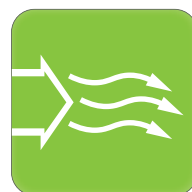


POWERED BY HYDRAULICS



SPARE PARTS

HYDRAULIC PISTON COMPRESSORS



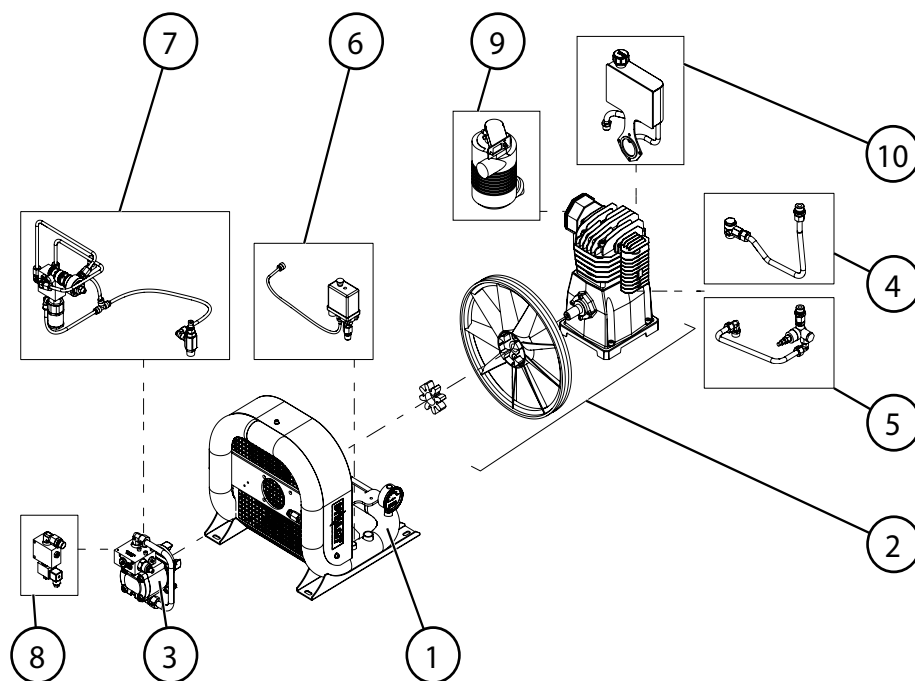
rev 1.1

HK 450/8-14
HK 450/8-20

SPARE PARTS

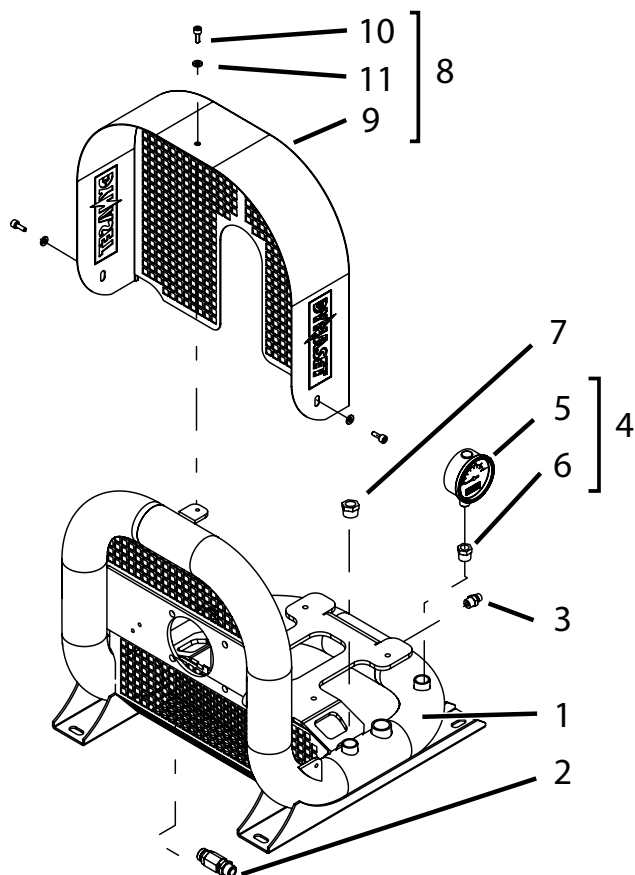
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MAIN COMPONENTS



POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS 1	DETAILS 2
1			COMPRESSOR FRAMEWORK		Sep. part list
2			COMPRESSOR BLOCK		Sep. part list
3			DRIVE KIT	HK450/8-14 & HK450/8-20	Sep. part list
4			CHECK VALVE ASSEMBLY	Models with -E, -PNE, -Y, -SV	Sep. part list
5			UNDER LOADER VALVE ASSEMBLY	Models with -S, -Y, -H	Sep. part list
6			ELECTRIC PRESSURE SWITCH ASSEMBLY (E)	E- Models	Sep. part list
7			PNEUMATIC CUT OFF ASSEMBLY (PNE)	PNE -Models	Sep. part list
8			ELECTRIC VALVE ASSEMBLY (SV)	SV -Models	Sep. part list
9			CYCLON FILTER (Y)	Y -Models	Sep. part list
10			BREATHER TANK (H)	H -Models	Sep. part list

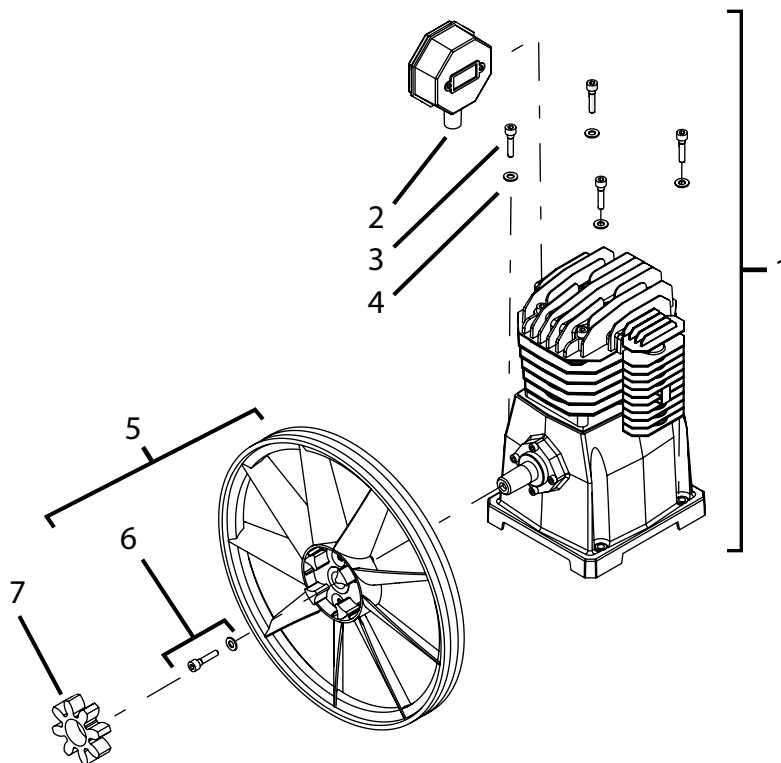
1. COMPRESSOR FRAMEWORK



POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS 1	DETAILS 2
			COMPRESSOR FRAMEWORK		
1	V100450725	1	FRAME TANK		
2	V100450575	1	SAFETY VALVE	3/8s	
3	V100450684	1	DRAIN VALVE	1/4u	
4	V100450415		PRESSURE GAUGE KIT		Includes pos. 5-6
5	*	1	PRESSURE GAUGE	16 bar RK1/4	
6	*	1	REDUCER	RK3/8u-1/4s	
7	V100450745	1	PLUG		
8	V100450374		FAN WHEEL COVER KIT		Includes pos. 9-11
9	*	1	FAN WHEEL COVER		
10	*	3	SCREW	M6x16	Available in Screw kit C
11	*	3	WASHER	6,4x15	Available in Screw kit C
	V100450420		SCREW KIT C	3x M6x16 3x 6,4x15	Includes pos. 10-11

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

2. COMPRESSOR BLOCK ASSEMBLY

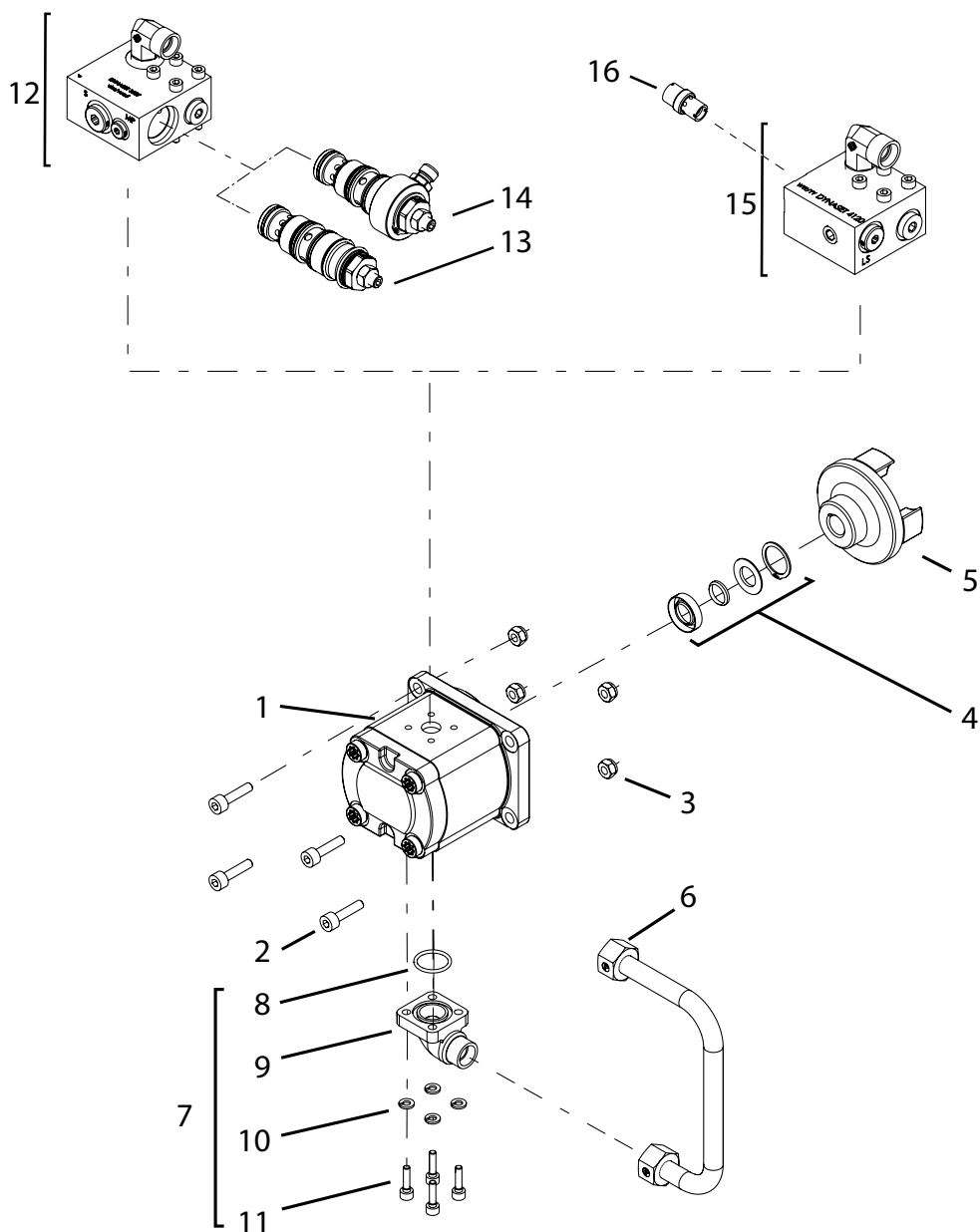


POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS 1	DETAILS 2
1	V100450300	1	COMPRESSOR BLOCK ASSEMBLY		
2	V100450305	1	INTAKE FILTER		Includes pos. 2-4
3	*	4	SCREW	M8x35	Available in Screw kit A
4	*	4	WASHER	8,4x16	Available in Screw kit A
5	V100450351	1	FAN WHEEL		Includes pos. 6
6	V100450380	1	FAN WHEEL MOUNTING KIT	Includes screw and washer	
7	V100450410	1	SPIDER		
	V100450420		SCREW KIT A	4x M8x35 4x 8,4x16	Includes pos. 3 - 4

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

Compressor block maintenance spareparts, e.g. seal kits, are available on chapter 11 page 18.

3. DRIVE KIT

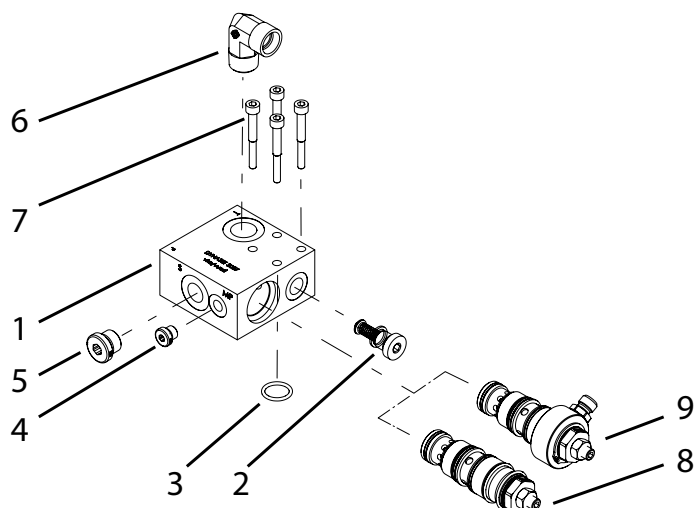


SPARE PARTS

POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS 1	DETAILS 2
	V100450685		DRIVE KIT	HK450/8-14	Includes pos. 1-13
	V100450690		DRIVE KIT	HK450/8-20	Includes pos. 1-13
	V100450695		DRIVE KIT	HK450/8-14-S	Includes pos. 1-11,15-16
	V100450700		DRIVE KIT	HK450/8-20-S	Includes pos. 1-11,15-16
	V100450705		DRIVE KIT	HK450/8-14-PNE	Includes pos. 1-12,14
	V100450710		DRIVE KIT	HK450/8-20-PNE	Includes pos. 1-12,14
	V100450780		DRIVE KIT	HK450/8-14-D	Includes pos. 1-13
	V100450785		DRIVE KIT	HK450/8-20-D	Includes pos. 1-13
	V100450790		DRIVE KIT	HK450/8-14-S-D	Includes pos. 1-11,15-16
	V100450795		DRIVE KIT	HK450/8-20-S-D	Includes pos. 1-11,15-16
	V100450800		DRIVE KIT	HK450/8-14-PNE-D	Includes pos. 1-12,14
	V100450805		DRIVE KIT	HK450/8-20-PNE-D	Includes pos. 1-12,14
1	V100450680		HYDRAULIC MOTOR	HK450/8-14	Includes pos. 2-3
1	V100450681		HYDRAULIC MOTOR	HK450/8-20	Includes pos. 2-3
1	V100450770		HYDRAULIC MOTOR	HK450/8-14-D	Includes pos. 2-3
1	V100450775		HYDRAULIC MOTOR	HK450/8-20-D	Includes pos. 2-3
2	*	4	SCREW	M8x30	Available in Screw kit B
3	*	4	NUT	M8	Available in Screw kit B
4	V100103160		SHAFT SEAL KIT	17x30	
5	V100450405	1	COUPLING		
6	V100450735	1	BYPASS PIPE ASSEMBLY		
7	V101011010	1	FLANGE ADAPTER		Includes pos. 8-11
8	*	1	O-RING	25,07x2,62	Available in O-Ring kit A
9	*	1	FLANGE FITTING	15L	
10	*	4	WASHER		Available in Screw kit B
11	*	4	SCREW	M6x20	Available in Screw kit B
12	V100450400		RPM-BLOCK KIT		Sep. part list
13	V100450403	1	RPM-CARTRIDGE	HK450/8-14	
13	V100450404	1	RPM-CARTRIDGE	HK450/8-20	
14	V100450715	1	RPM-CARTRIDGE	HK 450/8-PNE -14 lpm	
14	V100450720	1	RPM-CARTRIDGE	HK 450/8-PNE -20 lpm	
15	V100450530		CHECK VALVE BLOCK KIT	with S- models	Sep. part list
16	V100450540	1	FLOW LIMITER CARTRIDGE	HK450/8-14-S	
16	V100450545	1	FLOW LIMITER CARTRIDGE	HK450/8-20-S	
	V100450425		SCREW KIT B	4x M8x30 4x M6x50 4x M6x20 4x washers 4x nuts	Includes pos. 2, 3, 10, 11
	V100450480		O-RING KIT A	1x 15,30x2,40 1x 25,07x2,62	Includes pos. 8

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Read Details 2.

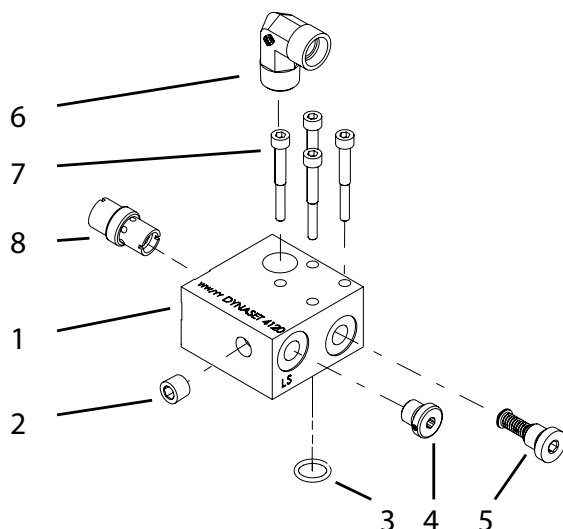
3.1. RPM-BLOCK KIT BASIC & PNE



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS 1	DETAILS 2
	V100450400		RPM-BLOCK KIT		Includes pos. 1-7
1	*	1	RPM-VALVE BLOCK		
2	V100450535	1	CHECK VALVE CARTRIDGE	R1/4	
3	*	1	O-RING	15,30x2,40	Available in O-Ring kit A
4	*	1	PLUG HF	R1/8	
5	*	1	PLUG HF	R3/8	
6	*	1	ELBOW FITTING	15L RK1/2 DIN	
7	*	4	SCREW	M6x50	Available in Screw kit B
8	V100450403	1	RPM-CARTRIDGE	HK450/8-14	
8	V100450404	1	RPM-CARTRIDGE	HK450/8-20	
9	V100450715	1	RPM-CARTRIDGE	HK 450/8-PNE -14 lpm	
9	V100450720	1	RPM-CARTRIDGE	HK 450/8-PNE -20 lpm	
	V101050500	1	RPM-CARTRIDGE SEAL KIT		
	V100450425		SCREW KIT B	4x M8x30 4x M6x50 4x M6x20 4x washers 4x nuts	Includes pos. 7
	V100450480		O-RING KIT A	1x 15,30x2,40 1x 25,07x2,62	Includes pos. 3

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Read Details 2

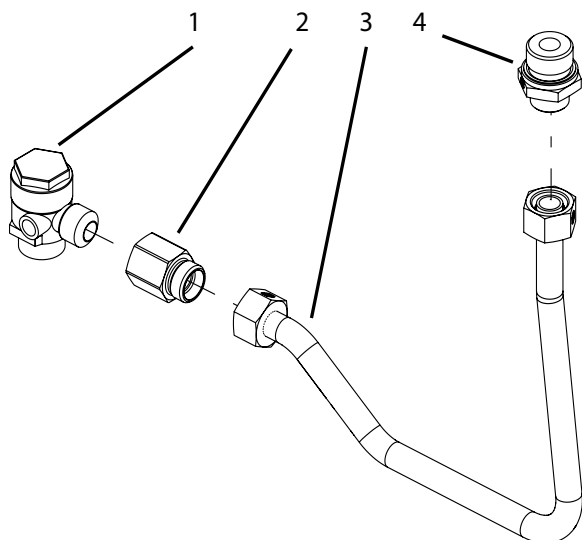
3.2. CHECK VALVE BLOCK KIT



POS	PART NUMBER	QTY	DESCRIPTION	DETAILS 1	DETAILS 2
	V100450530		CHECK VALVE BLOCK KIT		Includes pos. 1-7
1	*	1	RPM-VALVE BLOCK		
2	*	1	PLUG	RK 1/8	
3	*	1	O-RING	15,30x2,40	Available in O-Ring kit A
4	*	1	PLUG HF	R3/8	
5	V100450535	1	CHECK VALVE CARTRIDGE	R1/4	
6	*	1	ELBOW FITTING	15L RK1/2 DIN	
7	*	4	SCREW	M6x50	Available in Screw kit B
8	V100450540	1	FLOW LIMITER CARTRIDGE	HK450/8-14-S	
8	V100450545	1	FLOW LIMITER CARTRIDGE	HK450/8-20-S	
	V100450425		SCREW KIT B	4x M8x30 4x M6x50 4x M6x20 4x washers 4x nuts	Includes pos 7
	V100450480		O-RING KIT A	1x 15,30x2,40 1x 25,07x2,62	Includes pos. 3

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Read Details 2

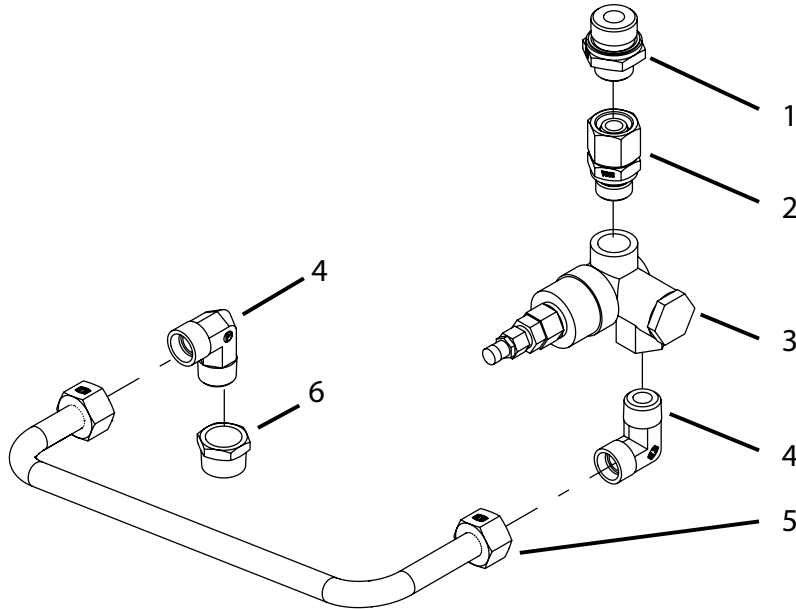
4. NON-RETURN VALVE



POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS 1	DETAILS 2
	V100450370		NON-RETURN VALVE ASSEMBLY		Includes pos. 1- 4
1	V100450371	1	NON-RETURN VALVE		
2	*	1	FITTING	15L R1/2	
3	V100450366	1	PIPE ASSEMBLY		
4	*	1	FITTING	15L R3/4	

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Read Details 2

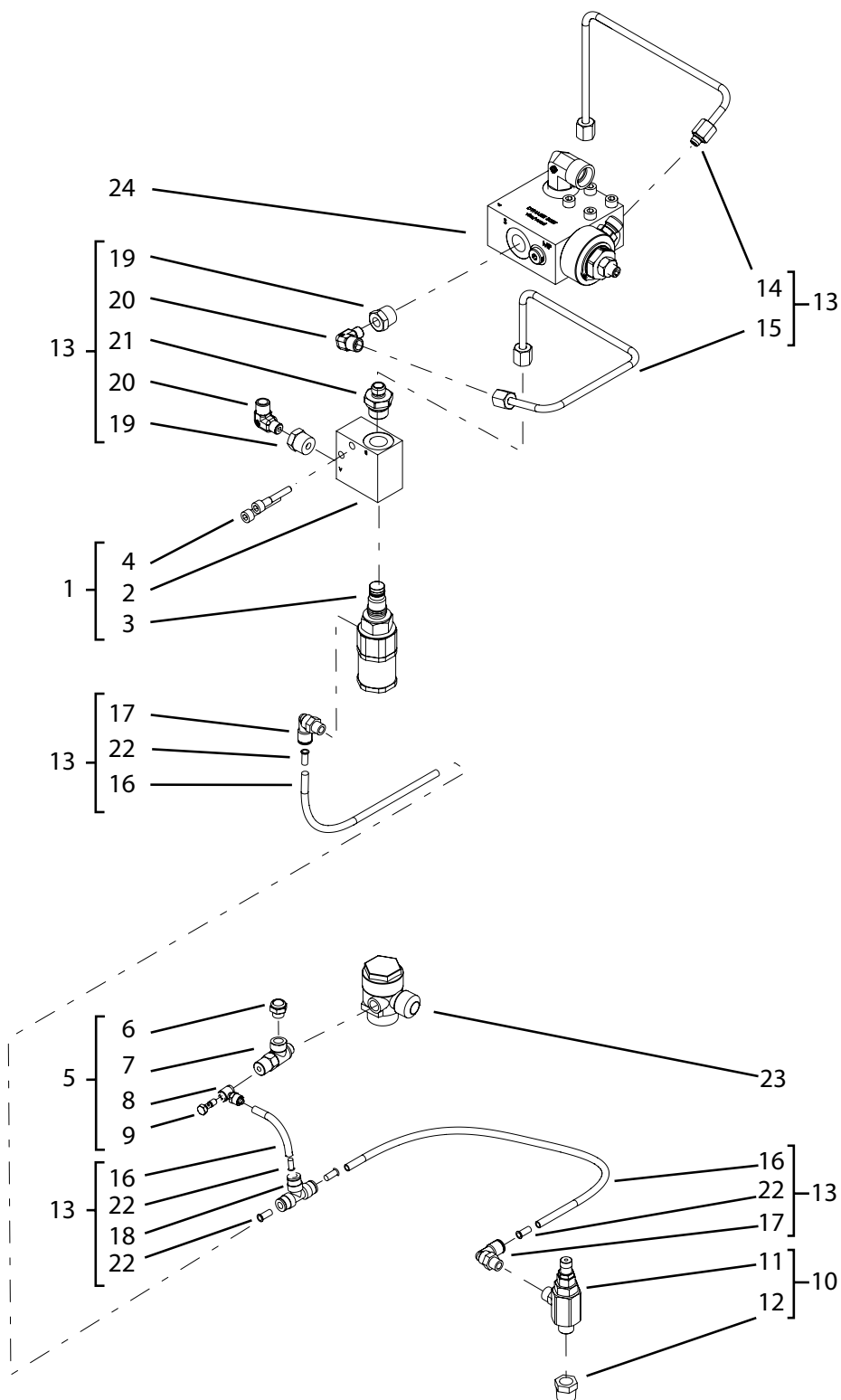
5. UNDER LOADER VALVE ASSEMBLY



POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100450372	1	UNLOADER VALVE KIT		Includes pos. 1-6
1	*	1	FITTING	15L R3/4	
2	*	1	PIPE FITTING	15L R1/2	
3	V100450373	1	UNDERLOADER VALVE		
4	*	1	ELBOW FITTING	15L RK1/2	
5	V100450368	1	PIPE ASSEMBLY		
6	*	1	REDUCER	RK3/4u- 1/2s	

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

6. PNEUMATIC CUT OFF ASSEMBLY (PNE)

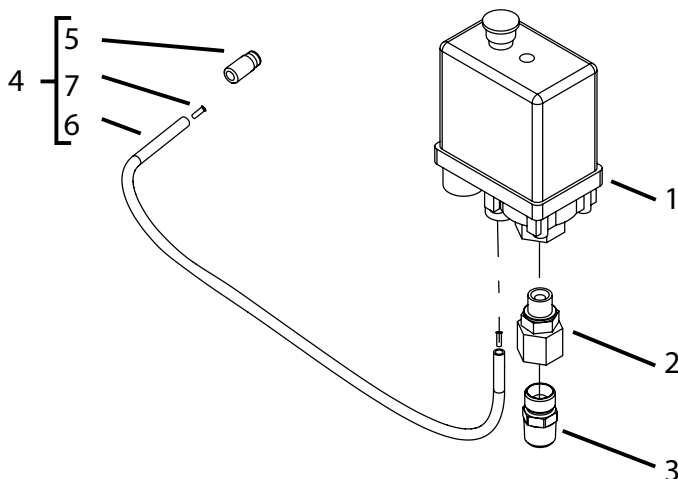


SPARE PARTS

POS	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
			PNEUMATIC CUT OFF ASSEMBLY (PNE)		
1	V100450550	1	CONTROL VALVE		Includes pos. 2-4
2	V100450555	1	CONTROL VALVE BODY		
3	V100450560	1	CONTROL VALVE CARTRIDGE		
4	*	2	SCREW	M6x40	Available in Screw kit D
5	V100450597		PILOT OPERATED CHECK VALVE		Includes pos. 6-9
6	*	1	SILENCER	R1/8	
7	*	1	CHECK VALVE	1/8	
8	*	1	PNE L-BANJO FITTING	6/4-M5	
9	*	1	PNE BANJO SCREW	M5	
10	V100450570		PILOT VALVE KIT		Includes pos. 11-12
11	*	1	PILOT VALVE		
12	*	1	REDUCER	RK3/8u-1/4s	
13	V100450595		CONTROL VALVE PIPE KIT		Includes pos. 14-22
14	*	1	PIPE PILOT 1		
15	*	1	PIPE PILOT 1		
16	*	3	PNEUMATIC TUBE	6/4	0,52m+0,09m+0,21m
17	*	2	SWIVEL ELBOW FITTING	6/4-R1/8	
18	*	1	T-FITTING	6/4	
19	*	2	REDUCER	RK3/8u-1/8s	
20	*	2	ELBOW FITTING	06L RK1/8	
21	*	1	FITTING	06L RK1/8	
22	*	5	FERRULE	6/4	
23	*	1	NON-RETURN VALVE	For reference	Read page 10
24	*	1	RPM-VALVE BLOCK (PNE)	For reference	Read page 8
	V100450435		SCREW KIT D	2x M6x40	Includes pos. 4

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Read Details 2

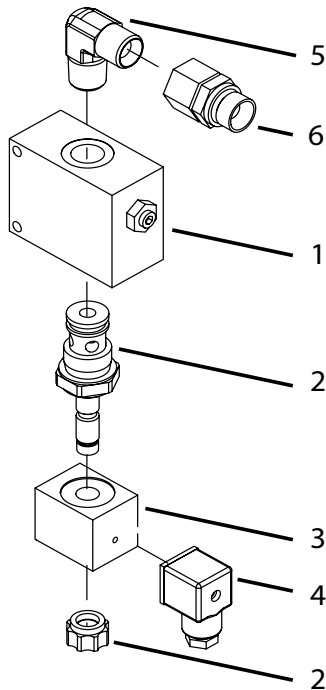
7. ELECTRIC PRESSURE SWITCH ASSEMBLY (E)



POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100450376		ELECTRIC PRESSURE SWITCH ASSEMBLY		Includes pos. 1- 7
1	*	1	ELECTRIC PRESSURE SWITCH		
2	*	1	UNION FITTING	R1/4u-R3/8s	
3	*	1	MALE STUD CONNECTOR	RK/R3/8	
4	V100450375	1	PIPE KIT	Pipe, ferrules, fittings	Includes pos. 5 - 7
5	*	1	FITTING	6/4-R1/8	
6	*	1	PIPE	410mm	
7	*	2	FERRULE	6/4	

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Read Details 2

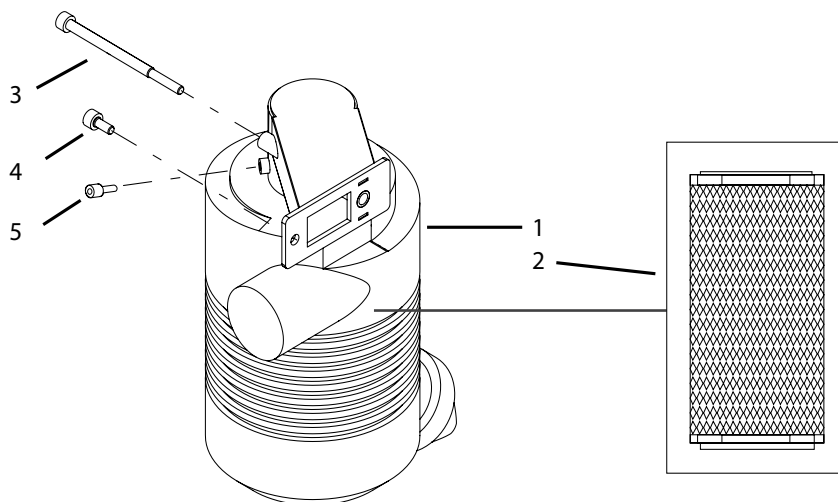
8. SOLENOID VALVE ASSEMBLY (SV)



POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100450377 V100450378		SOLENOID VALVE ASSEMBLY	12 VDC 24 VDC	Includes pos. 1- 6
1	*	1	CARTRIDGE BODY		
2	V100450587		CARTRIDGE VALVE		
3	V100450580 V100450585	1	COIL	12 VDC 24 VDC	
4	*	1	PLUG DIN 43650 + SEAL		
5	*	1	ELBOW FITTING		
6	*	1	SWIVEL CONNECTOR		

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Read Details 2

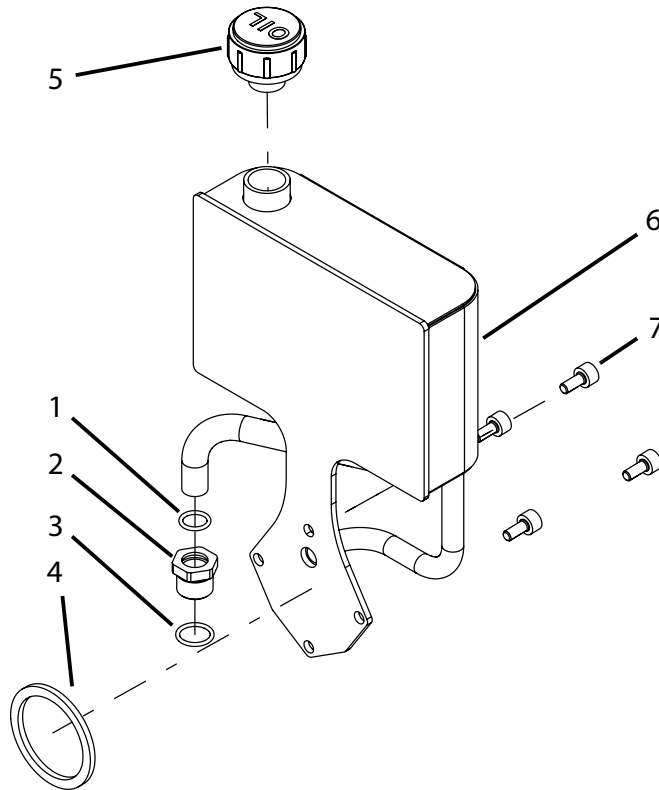
9. CYCLONE FILTER (Y)



POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100450390		CYCLONE FILTER ASSEMBLY		Includes pos. 1-5
1	V100450392		INTAKE FILTER		
2	V100450395		INTAKE FILTER ELEMENT		
3	*	1	SCREW	M6x90	Available in screw kit F
4	*	1	SCREW	M6x12	Available in screw kit F
5	*	2	SCREW	M5x10	Available in screw kit F
	V100450445		SCREW KIT F	2x M5x10 1x M6x12 1x M6x90	Includes pos. 3-5

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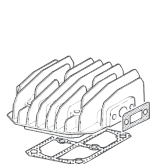
10. BREATHER TANK ASSEMBLY (H)



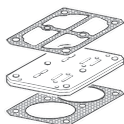
POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
	V100450385		BREATHER TANK ASSEMBLY		Includes pos. 1-7
1	*	1	O-RING	14,00x1,78	Available in O-Ring kit B
2	*	1	ADAPTER	R3/8	
3	*	1	O-RING	11,10x17,8	Available in O-Ring kit B
4	*	1	BEARING SUPPORT FLANGE		
5	V100450387	1	OIL FILLER CAP		
6	*		BREATHER TANK		
7	*	4	ALLEN SCREW	M6x16	Available in Screw kit E
	V100450440		SCREW KIT E	4x M6x16	Includes pos. 6
	V100450485		O-RING KIT B	1x 11,10x17,8 1x 14,00x1,78	Includes pos. 1, 3

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

11. COMPRESSOR BLOCK MAINTENANCE PARTS



1



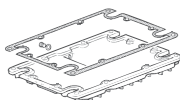
2



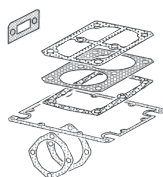
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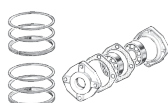
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5



6



7



8



9

POS.	PART NUMBER	QTY	DESCRIPTION	DETAILS	DETAILS 2
1	V100450310	1	CYLINDER HEAD	Includes seals	
2	V100450325	1	VALVE PLATE KIT	Includes seals	
3	V100450345	1	CYLINDER BLOCK	Includes seals	
4	V100450340	1	AFTER COOLER	Includes seals	
5	V100450365	1	CRANK CASE BOTTOM COVER	Includes seals	
6	V100450335	1	SEAL KIT	All compressor block seals	
7	V100450330	1	BEARING AND SEAL KIT		
8	V100450355	1	PISTON KIT		
9	V100450360	1	OIL LEVEL KIT	Includes Oil sight glass and cab	
	V100450450		SCREW KIT G	All compressor block screws	
	*	6	CYLINDER HEAD SCREWS	M8x45	Available in screw kit G
	*	2	AFTER COOLER SCREWS	M6x20	Available in screw kit G
	*	4	FRONT PLATE SCREWS	M6x14	Available in screw kit G
	*	4	BACK PLATE SCREWS	M6x14	Available in screw kit G
	*	12	CRANK CASE BOTTOM COVER SCREWS	M5x16	Available in screw kit G
	*	6	CYLINDER BLOCK SCREWS	M8x25	Available in screw kit G
	*	1+1	DRAIN SCREW + USIT	M8x16 + M8	Available in screw kit G



HK 450

SPARE PARTS



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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 Units
De-Icing Technology
Installation Valves
HHK Hydraulic Grinder
HV/HVY Hydraulic Winch / Winch Unit

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