Hi-Force

www.hi-force.com

110V 50HZ, TWO STAGE, ELECTRIC DRIVEN, MEDIUM FLOW PUMP

SERIAL NUMBERS

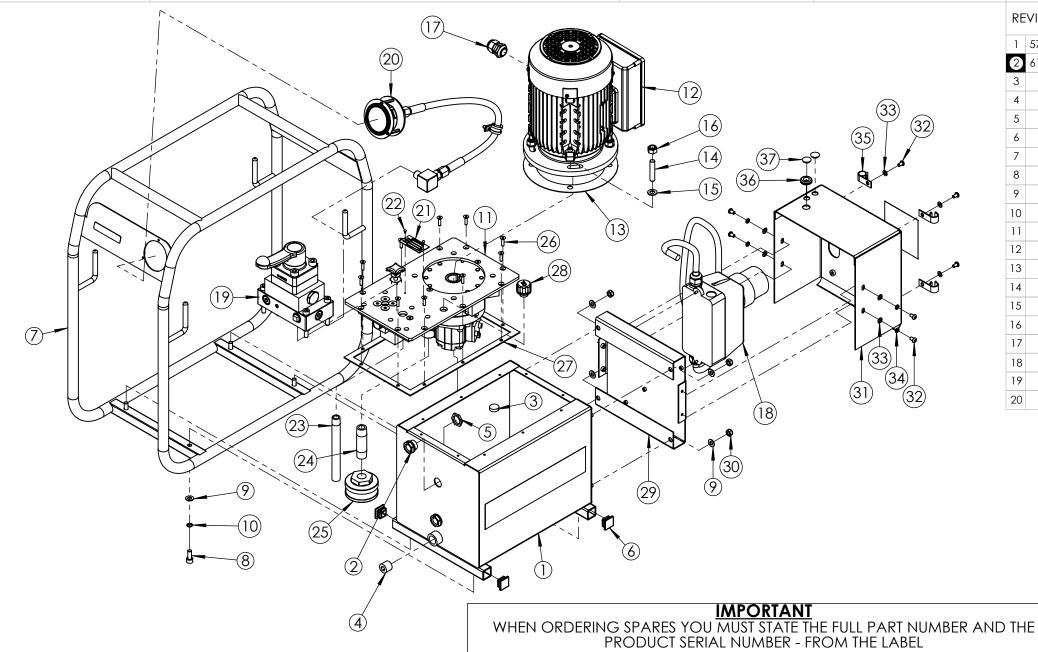
FROM BQ6615

TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

PRODUCT NO. HEP207311

SHT 1 OF 2 SHTS







FAS010MW050

WAC010AB000

NUC010LC000

NUC020LS002

EMA110UF002

PMV3L

PGP063AK001

AAN000UP001

FAS002HZ001

TAC000PA001

FPC013AC010

FFC045MZ001

BLC005HF020

14

16

17

18

19

20

21

22

23

24

25

26

### 110V 50HZ, TWO STAGE, ELECTRIC DRIVEN, MEDIUM FLOW PUMP

FROM BQ6615

SERIAL NUMBERS

PRODUCT NO. HEP207311

SHT 2 OF 2 SHTS

RE	VISIC
1	5717
2	6146
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
10	

19 20

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	TAC010AS012	10L Tank	1			27	15482	tank gasket	1		<b>✓</b>
2	BLC021YT010	SIGHT GLASS HGF, 13 BLACK OIL LEVEL INDICATOR	2			28	BPC010SP002	FILLER	1		
3	DCSF00328	DOUBLE SIDED MAGNET	1			29	TAC000FS003	MOUNTING PLATE	1		
4	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1			30	NUC008KC000	M8 NYLOC NUT	4		
5	NUC021-B000	1/2" BSP LOCK NUT	2			31	TAC000FS004	HOUSING	1		
6	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			32	BLC006JH010	M6 X 10 mm BUTTON HEAD HEX SOCKET SCREW	8		
7	TAC010CS002	10L ROLL FRAME	1			33	WAC006AF000	M6 ZINC WASHER	8		
8	BLC008KD020	M8 x 20 mm HEX SOCKET CAP HEAD SCREW	4			34	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTION)	4		
9	WAC008AB000	M8 PLAIN WASHER	8			35	ANC015PC001	CABLE CLIP BLACK SCREW POLYACETAL CABLE CLIP, 15mm	4		
10	WAC008BB000	M8 ZINC PLATED SPRING WASHER	4			36	SEC013EH001	12.7mm ID BLACK PVC OPEN	1		
11	TYPE200-24	200 SERIES PUMP UNIT	1			- 50	3EC013E11001	GROMMET 10.7 OR PLACE BUILDING	'		
12	EM110-1.1-4LAF	AMME (HIGH STARTING TORQUE), POWER 1.1kw, SPEED 4 POLE	1			37	SEC013EH002 12.7mm OD BLACK PVC BLIND GROMMET		2		
13	SEC001KT003	GASKET	1		1						

#### NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH  $\boldsymbol{x}$ ).
- ONLY PARTS MARKED WITH ✓ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM **HEP-SK1 PUMP SERVICE KIT.** (REFER TO HEP-SK1: PUMP SERVICE KIT EVD FOR FULL PARTS LIST)
- FOR SUB ASSEMBLIES (ITEM NO.S 11,18,19 & 20) PLEASE REFER TO THEIR INDUVIDUAL EVD's.

# **IMPORTANT**

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

# www.hi-force.com

M10 x 50 DOUBLE ENDED THREADED

M10 ZINC PLATED FLAT WASHER

M10 NYLOC NUT

GLAND 6-12MM

MOTOR STARTER ASSEMBLY

3 WAY, MANUALLY OPERATED,

PUMP MOUNTED DIRECTIONAL

CONTROL VALVE (WITH LOAD

HOLDING)

HEP & HAP PRESSURE GAUGE

**ASSEMBLY** 

60 x 30 mm UNIVERSAL NAME PLATE

NO.4 x 3/16 HAMMER DRIVE SCREW

160 mm LONG SUCTION PIPE

1/2" BSPT SUCTION PIPE

**FILTER** 

M5 x 20 mm HEX SOCKET

COUNTERSUNK SCREW

4

4

2

1

10

X

Hi-Force

200 SERIES PUMP UNIT

SERIAL NUMBERS

PRODUCT NO. TYPE200-24

SHT 1 OF 2 SHTS

**REVISION** 

1 5717 2 5866

3 5939

5

9

10 11

12

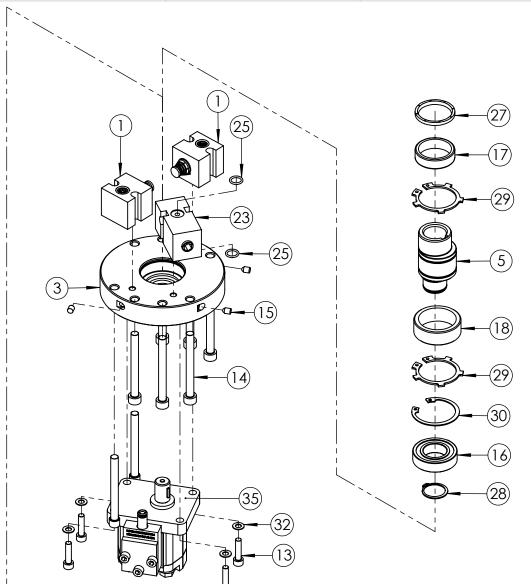
13 14

15 16

17

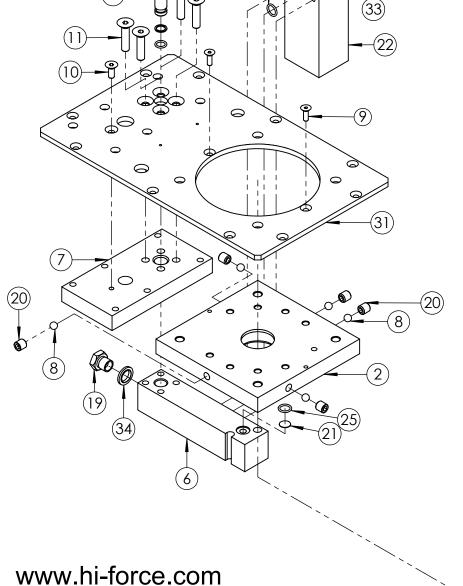
18 19

20



**IMPORTANT** 

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.





#### 200 SERIES PUMP UNIT

SERIAL NUMBERS PRODUCT NO.

TYPE200-24

SHT 2 OF 2 SHTS

17

18 19

20

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	15494-A	PISTON BLOCK ASSEMBLY	2		
2	15497	UPPER PLATE	1		
3	15499	LOWER PLATE	1		
4	15503	CONNECTOR PIPE	1		
5	15505	24mm DRIVE SHAFT	1		
6	17587	TRANSFER BLOCK	1		
7	17588	VALVE PLATE	1		
8	BAC008SN000	Ø8 mm STEEL BALL GRADE 100	5		
9	BLC005HF016	M5 x 16 mm HEX SOCKET COUNTERSUNK SCREW	2		
10	BLC006JE016	M6 x 16 mm HEX SOCKET COUNTERSUNK SCREW	1		
11	BLC008KF035	M8 x 35 mm HEX SOCKET COUNTERSUNK SCREW	4		
12	BLC006JC045	M6 x 45 mm HEX SOCKET CAP HEAD SCREW	2		
13	BLC006JD025	M6 x 25 mm HEX SOCKET CAP HEAD SCREW	4		
14	BLC008KC080	M8 x 80 mm HEX SOCKET CAP HEAD SCREW	6		
15	BPC006RS001	SEALING PLUG	3		
16	BSC025MC001	LOWER PLATE BEARING	1		
17	BSC035NC001	UPPER PLATE BEARING	1		
18	BSC040ND001	ECCENTRIC BEARING	1		
19	FAS006GJ010	1/4" BSP HEX HEAD BLANKING PLUG	1		
20	FAS010MA010	M10 X 10 CUP POINT GRUB SCREW	5		
21	FFC012MA001	SUCTION FILTER	1		
22	HPRV1	HIGH PRESSURE R/VALVE	1		
23	LPRV1	LOW PRESSURE R/VALVE	1		
24	SEC013RA001	O-RING - I.D. 9.25mm, C.S. 1.78mm, NITRILE 90	2		1
25	SEC014RF001	O-RING - I.D. 10.82 mm, C.S. 1.78 mm, NITRILE 90	4		1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	RE	VISION
26	SEC013BA001	BACK-UP RING - PTFE, SOLID SPLIT	2		✓	1	5717 5866
27	SEC035WE001	UPPER PLATE OIL SEAL	1			(3)	5939
28	STC025AA001	EXTERNAL CIRCLIP - 25 x 1.2 mm D1400/025	1			4	
29	STC040AA001	EXTERNAL CIRCLIP - 40 x 1.75 mm D2100/0400	2			6	
30	STC047BA001	INTERNAL CIRCLIP - 47 x 1.75 mm D1300/0470	1			7 8	
31	TAC000BA003	COVER PLATE	1			9	
32	WAC006AF000	M6 ZINC WASHER	4			10	
33	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTION)	2			11 12	
34	WAC007HD000	1/4" BSP SELF CENTERING BONDED WASHER	1			13	
35	PMA048GZ001	GP48 GEAR PUMP ASSEMBLY	1			14	
	1		1			15	
						16	

#### NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH X).
- ONLY PARTS MARKED WITH ✓ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM HEP-SK1 PUMP SERVICE KIT. (REFER TO HEP-SK1: PUMP SERVICE KIT EVD FOR FULL PARTS LIST)
- IF ITEM NO. 23 (LPRV1) IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH 2 OFF ITEM NO. 25 (SEC014RF001). THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SPERATELY.
- FOR SUB ASSEMBLIES ITEM NO. 1 (15494-A) & ITEM NO. 35 (PMA048GZ001) REFER TO THEIR INDUVIDUAL EVD's.

# **IMPORTANT**

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

www.hi-force.com



PISTON BLOCK ASSEMBLY

SERIAL NUMBERS

PRODUCT NO.

**VERSION** 01

15494-A

SHT 1 OF 1 SHTS

> 14 15

16

17 18

19

20

www.hi-force.com

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	RE	VISION
1	15494 PISTON BLOCK		1	X		1	5717
2	15495	PISTON	1	X		2	5866
3	15496	VALVE SEAT	1	X		3	
4	15509	SUCTION/DELIVERY SPRING	2	X		4	
5	15508	PUMP SPRING	1	X		5	
6	BAC005\$N000	Ø5 mm STEEL BALL GRADE 100	2	X		6	
7	SEC014RF001	O-RING - I.D. 10.82 mm, C.S. 1.78 mm, NITRILE 90	2		1	8	
8	SEC010RA001	O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70	1	X		9	
9	STC008SA001	N1305-0031 SELF LOCKING RING	1	X		11	
						12	
						13	

#### NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH X).
- ONLY PARTS MARKED WITH **\( \sigma** ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM HEP-SK1 PUMP SERVICE KIT. (REFER TO HEP-SK1: PUMP SERVICE KIT EVD FOR FULL PARTS LIST).

# **IMPORTANT**

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

SERIAL NUMBERS

PRODUCT NO.

PMA048GZ001

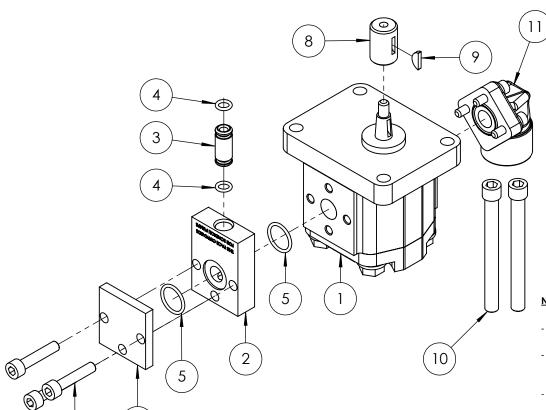
SHT 1 OF 3 SHTS

17

18

19

20



ITEM NO.	PART NUMBER	PART NUMBER DESCRIPTION		SPARE PARTS	SERVICE PARTS	RE	VISION
1	GP48	GEAR PUMP	1			1	5939
2	PMC000TM001	TRANSFER PLATE	1			2	5983
2	15510A	CONNECTOR TUBE	1			3	
3	15510B	CONNECTOR TUBE	1			4	
4	SEC010RA001	O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70	2		1	5	
5	SEC019RF002	O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90	2		1	7	
6	PMC000XM001	SEALING PLATE	1			8	
7	BLC006JD030	M6 x 30 mm HEX SOCKET CAP HEAD SCREW	3			9	
8	15507	ADAPTOR	1			10	
9	PCC002WC001	KEY TO FIT 200/300 PUMPS	1			11	
		M8 X 80 HEX SOCKET REDUCED				12	
10	FAS008SP080	CAP HEAD SCREW (FULLY THREADED)	2			13	
	FD.1010D.0003	GEAR PUMP ELBOW (INC WITH	<b>—</b>			14	
11	FPA013DC001	GEAR PUMP)		X		15	
						16	

#### NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH X)
- ONLY PARTS MARKED WITH ✓ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM HEP SK1 PUMP SERVICE KIT. (REFER TO HEP-SK1: PUMP SERVICE KIT EVD FOR FULL PARTS LIST)
- POSITION OF ITEM NO. 2 (PMC000TM001) IS TO BE DETERMINED BY THE BRAND OF THE GP48 GEAR PUMP SUPPLIED (REFER TO SHEET 2 FOR FURTHER DETAILS)
- ITEM NO. 3 USED IS DETERMINED BY THE BRAND OF THE GP48 GEAR PUMP SUPPLIED FOR HEP,HAP AND HPP PUMPS WITH SERIAL NUMBERS EARLIER THAN **BR9070**. FOR BONDIOLI GEAR PUMPS USE CONNECTOR TUBE 15510A AND FOR GALTECH GEAR PUMPS USE CONNECTOR TUBE 15510B (REFER TO SHEET 2 FOR FURTHER DETAILS)
- ITEM NO.10 (FAS008SP080) ARE TO REPLACE TWO SCREWS (BLC008KC080) ON THE TYPE200-24, PRIOR TO FITTING PMA048GZ001 (REFER TO SHEET 3 FOR FURTHER DETAILS)
- INDIVIDUAL ITEMS ARE NOT AVAILABLE AS SPARE PARTS FOR HEP, HAP AND HPP PUMPS WITH SERIAL NUMBERS EARLIER THAN BR9070. GP48 GEAR PUMP ASSEMBLY (PMA048GZ001) WILL NEED TO BE ORDERED. INDIVIDUAL ITEMS APART FROM ITEM NO.11 ARE AVAILABLE AS SPARE PARTS FOR HEP, HAP AND HPP PUMPS WITH SERIAL NUMBERS ABOVE BR9070

### **IMPORTANT**

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

www.hi-force.com

**CONNECTOR TUBE 15510B** 

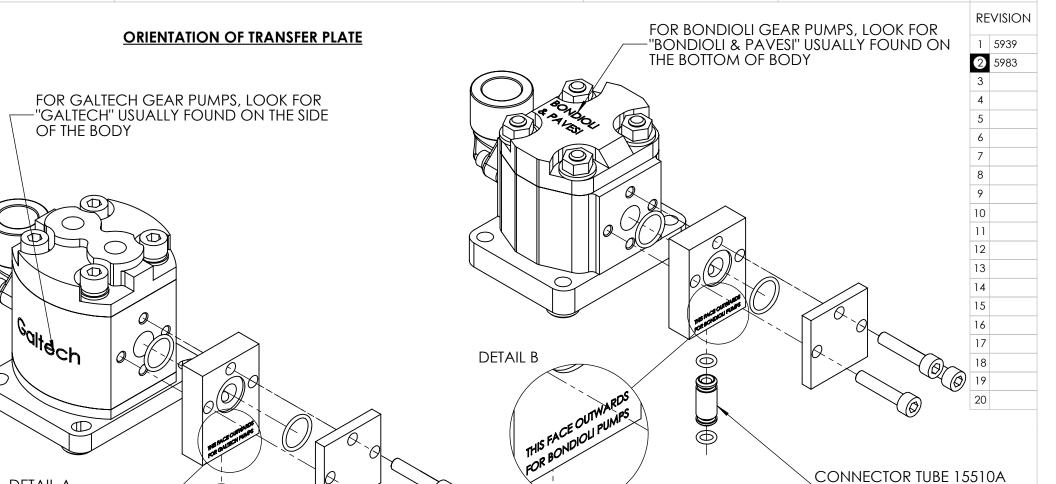
SERIAL NUMBERS

PRODUCT NO.

PMA048GZ001

**CONNECTOR TUBE 15510A** 

SHT 2 OF 3 SHTS



**IMPORTANT** 

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

www.hi-force.com

THIS FACE OUTWARDS

DETAIL A

SHT 3 OF 3 SHTS

REVISION

1 5939 2 5983

3

5

6

7

9

10

12

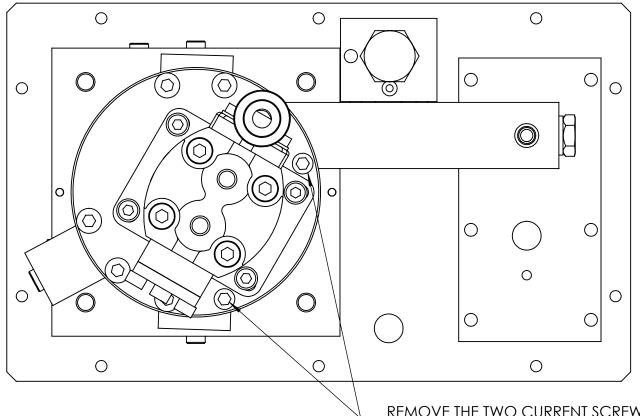
14

16

17 18

19 20

# **TYPE200-24: BOTTOM VIEW**



REMOVE THE TWO CURRENT SCREWS FROM THESE TWO POSITIONS AND REPLACE WITH ITEM NO. 10 (FAS008SP080)

# **IMPORTANT**

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.



#### MOTOR STARTER ASSEMBLY

SERIAL NUMBERS

PRODUCT NO.

EMA110UF002

**VERSION** 

SHT 1 OF

15 16 17

18 19

20

01 1 SHTS

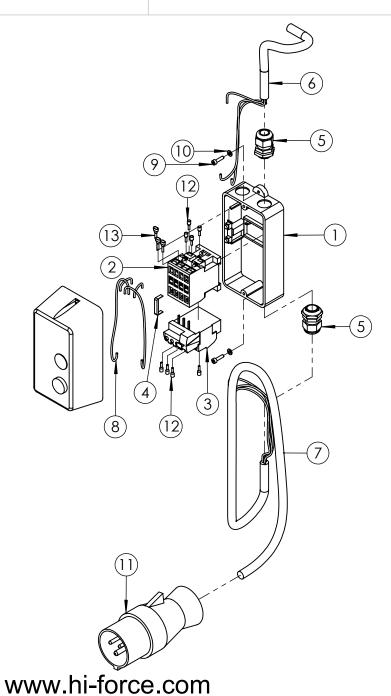
ITEM NO.	PART NUMBER	DESCRIPTION		SPARE PARTS	REVISION
1	EMC000EF001	ENCLOSURE WITH PUSH BUTTONS P1MT	1		<b>1</b> 5717
2	EMC110KF001	CONTACTOR 110 VOLT	1		2
3	EMC230RF001	OVERLOAD RELAY 13-18 AMPS	1		3
4	EMC110XF001	BRIDGING BAR	1		4
5	NUC020LS002	GLAND 6-12MM	2		5
6	CEC250CC000	3 CORE CABLE 2.5mm^2 H07RN-F3G 2.5	1		6
7	CEC250CC000	3 CORE CABLE 2.5mm^2 H07RN-F3G 2.5	1		7
8	CEC250AC000	SINGLE CORE TR-RATED CABLE 2.5 mm2	1		8
9	BLC004JD016	M4 X 16 HEX SOCKET, CAP HEAD SCREW	2		9
10	WAC004YB000	M4 WASHER ST	2		10
11	MCC110EP001	110V PLUG	1		11
12	CEC250\$X001	BOOTLACE FERRULE (INSULATED) 2.5mm GREY	8		12
13	CEC250SX002	TWIN BOOTLACE FERRULE 2.5 mm <sup>2</sup> 3			13

## NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH X).

**IMPORTANT** 

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.



www.hi-force.com

3 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE (WITH LOAD HOLDING)

SERIAL NUMBERS

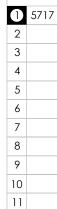
PRODUCT NO.

PMV3L

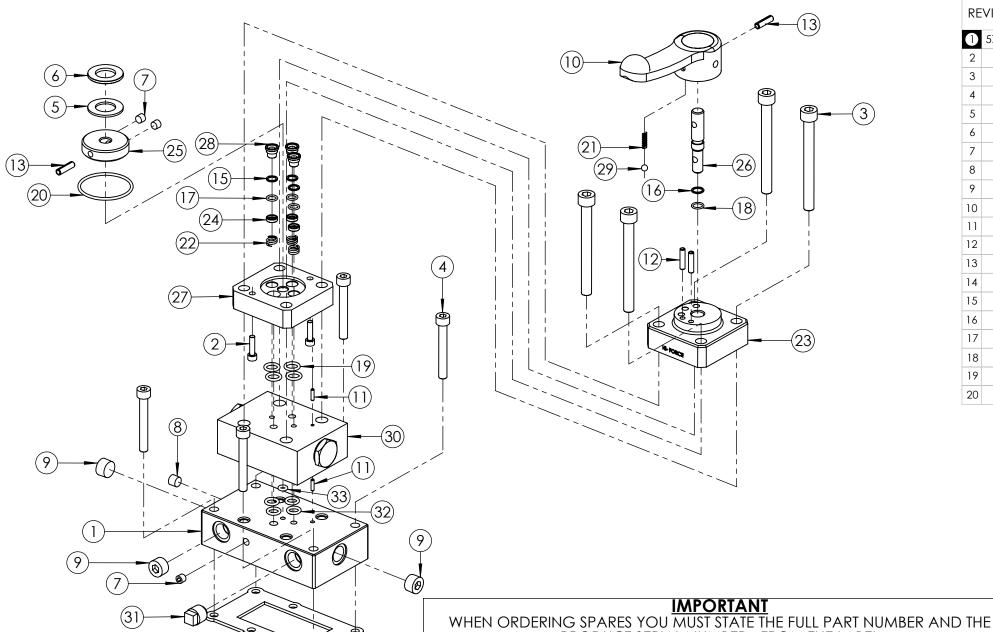
**VERSION** 01

SHT 1 OF 2 SHTS





PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.





# 3 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE (WITH LOAD HOLDING)

SERIAL NUMBERS PRODUCT NO. VERSION PMV3L 01

SHT 2 OF 2 SHTS

12

13 14

15

16 17

18

19

20

				٠,		_
ITEM NO.	PART NUMBER		DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	VFC010BF012		VALVE MOUNTING BLOCK	1		
2	BLC005HU020	M5 x	20 mm HEX SOCKET CAP HEAD SCREW	2		
3	BLC010LC100		0 x 100 mm HEX SOCKET CAP HEAD SCREW	4		
4	BLC008KC060	M8 x	60 mm HEX SOCKET CAP HEAD SCREW	4		
5	BSC035NA001		NEEDLE BEARING	1		
6	BSC035NA002		HOUSING WASHER	1		
7	FPC002PN001	1,	/16" x 7/8" NPT SOCKET PLUG	3		
8	FPC003PN001	1/	8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG	1		
9	FPC010PN002	3,	/8" X 7/8" NPT SOCKET PLUG	3		
10	HLC012LP002		HANDLE	1		
11	PCC003RB006		Ø3 x 12 mm SELLOCK PIN	2		
12	PCC005RD002		Ø5 x 22 mm SPIROL PIN	2		
13	PCC006RD001		Ø6 X 22 mm SPIROL PIN	2		
14	SEC003KT001		VALVE GASKET	1		1
15	SEC011BA001		BACK UP RING	3		<b>✓</b>
16	SEC012BA002		BACK UP RING	1		<b>✓</b>
17	SEC011RA001	O-RI	NG - I.D. 8.10 mm, C.S. 1.6 mm, NITRILE 90	3		•
18	SEC012RA003	O-R	RING - I.D. 9 mm, C.S. 1.50 mm, NITRILE 70	1		•
19	SEC016RA002		RING - I.D. 10.77 mm, C.S. 2.62 mm, NITRILE 70	4		•
20	SEC049RF001	O-I	RING - I.D. 48.90 mm, C.S. 2.62 mm, NITRILE 90	1		•
21	SPC005KA001		SPRING	1		
22	SPC010CA001		SPRING	3		
23	VFC000BD003		VALVE BODY	1		
24	VFC000SC001		SHEAR SEAL COLLAR	3		
25	VFC000SQ002		VALVE ROTOR	1		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION
26	VFC000SR002	SPINDLE	1			1) 5717
27	VFC000ST001	SHEAR SEAL PLATE	1			2
28	VFC000SU001	SHEAR SEAL	3			3
29	BAC006SN000	Ø6 mm STEEL BALL	1			4
30	VA305	SINGLE PO CHECK VALVE	1			5
31	BPC010SP004	3/8 NPT PLASTIC BLANKING PLUG (RED)	1			7
32	SEC014RA001	O-RING - I.D. 9.19mm, C.S. 2.62mm NITRILE 90	4		<b>✓</b>	8
33	SEC010RF002	O-RING - I.D. 4.42 mm, C.S. 2.62 mm, NITRILE 70	1		1	10
						11

#### NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH  $\pmb{\varkappa}$ ).
- ONLY PARTS MARKED WITH ✓ARE AVAILABLE AS BOTH SPARE PARTS OR SERVICEABLE PARTS, FROM **DCV-M1**: **SERVICE KIT (3 & WAY MANUAL VALVES)**. (REFER TO **DCV-M1** EVD FOR FULL PARTS LIST).
- IF ITEM NO. 30 IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH ITEM NO.s 32 & 33. THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SEPERATELY.

# **IMPORTANT**

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

www.hi-force.com



#### HEP & HAP PRESSURE GAUGE ASSEMBLY

SERIAL NUMBERS	PRODUCT NO.	VERSION	
	PGP063AK001	01	SHT 1 OF 1 SHTS

(5) (7) (1) (9) (8) (1) (2) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
3

						1 31113
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	RE	VISION
1	WAC005EC001	M5 X 9 X 1.0 COPPER SEALING WASHER	1		2	5717
2	BLC006JH010	M6 X 10 mm, HEX SOCKET, BUTTON HEAD SCREW	1		3	
3	HF16	ELBOW, 3/8" NPT FEMALE TO 3/8" NPT MALE	1		5	
4	PGB063PF001	FLANGE MOUNTED 700 Bar PRESSURE GAUGE	1		6 7	
5	HOC006GB001	700 Bar GAUGE HOSE WITH 1/4"BSP CONE FEMALE FITTINGS	1		8	
6	FPC010BN008	M/M ADAPTOR 3/8 NPT x 1/4 BSP INT 60° CONE 1000 Bar (STAINLESS STEEL)	1		10 11 12	
7	ANC013PC001	13mm BLACK STAINLESS STEEL P CLIP	1		13	
8	FPC006BB002	700 Bar SS 1/4" BSPP x BSPP FIXED FEMALE GAUGE ADAPTOR	1		14 15 16	
9	BLC003ZD010	M3 X 10 mm HEX SOCKET CAP HEAD SCREW	6		17 18	
10	NUC003UK001	M3 FEMALE STEEL HEX STANDOFF 30mm LONG	3		19	
11	SFC085HA001	STRAIN RELIEF PLATE	1		20	

## NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH X).

**IMPORTANT** 

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.



PUMP SERVICE KIT

(6)

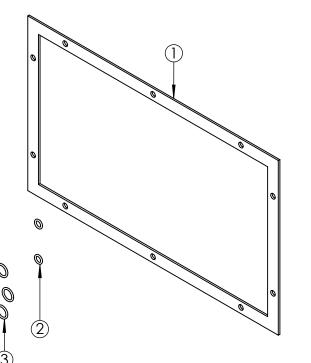
(4)

(5)

SERIAL NUMBERS	

PRODUCT NO.

HEP-SK1	SHT 1 OF 1 SHTS		
DESCRIPTION	OTY	חבו (וכוס)	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	RE	VISION
1	15482	TANK GASKET	1	1	5717
2	SEC010RA001	O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70	2	3	5939
3	SEC014RF001	O-RING - I.D. 10.82 mm, C.S. 1.78 mm, NITRILE 90	10	4	
4	SEC013RA001	O-RING - I.D. 9.25mm, C.S. 1.78mm, NITRILE 90	2	6	
5	SEC019RF002	O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90	2	7	
6	SEC013BA001	BACK-UP RING - PTFE, SOLID SPLIT	2	9	
7	SEC001KT003	GASKET	1	10	

**IMPORTANT** 

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.

Hi-Force
HYDRAULIC TOOLS

SERVICE KIT (3 & 4 WAY MANUAL VALVES)

SERIAL NUMBERS

PRODUCT NO.

**VERSION** 

SHT 1 OF 1 SHTS

DCV-M1

01

3 8 9 0 0	

					1 31113
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	RE	VISION
1	SEC003KT001	VALVE GASKET	1		5717
2	SEC049RF001	O-RING - I.D. 48.90 m C.S. 2.62 mm, NITRILE	1	2	0, 1,
3	SEC016RA002	O-RING - I.D. 10.77 m C.S. 2.62 mm, NITRILE	4	4	
4	SEC012BA002	BACK UP RING	1	5	
5	SEC012RA003	O-RING - I.D. 9 mm, 0 1.50 mm, NITRILE 7	1	6 7	
6	SEC011BA001	BACK UP RING	3	8	
7	SEC011RA001	O-RING - I.D. 8.10 mm, 1.6 mm, NITRILE 90	 3	9	
8	SEC014RA001	O-RING - I.D. 9.19mm, 2.62mm, NITRILE 90	4	11 12	
9	SEC010RF002	O-RING - I.D. 4.42 mm, 2.62 mm, NITRILE 7	1	13	
				15	

**IMPORTANT** 

WHEN ORDERING SPARES YOU MUST STATE THE FULL PART NUMBER AND THE PRODUCT SERIAL NUMBER - FROM THE LABEL TO PROTECT YOUR WARRANTY ALWAYS USE GENUINE HI-FORCE PARTS.