

25 Tonne, Single Acting, 230V 50Hz Electric Driven, 3 – Way Valve, Workshop Press

SERIAL NUMBERS

(10)

FROM BS8412

HPF2542

PRODUCT NO.

SHT 1 OF 2 SHTS



1 6088

2 6180

9 10

11 12

13

14 15

16 17

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(13)

DETAIL A SCALE 2:15

**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.

www.hi-force.com

(8)



25 Tonne, Single Acting, 230V 50Hz Electric Driven, 3 – Way Valve, Workshop Press

SERIAL NUMBERS

PRODUCT NO.

FROM BS8412

HPF2542

SHT 2 OF 2 SHTS

REVISION

1 6088

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PART AVAILABILITY
1	H\$\$2510	SPRING RETURN CYLINDER HSS2510	1	
2	СМ1	MALE COUPLER	1	
3	HG25	PRESSURE GAUGE	1	
4	HGA1	GAUGE BLOCK	1	
5	HPF207312	230V 50hz, TWO STAGE, ELECTRIC DRIVEN, MEDIUM FLOW PUMP	1	
6	HH2	HYDRAULIC HOSE 2M.	1	
7	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	4	
8	AAN025FP001	NAMEPLATE	1	Х
9	PAA025CH001	25T PRESS FRAME	1	Х
10	WAC008AB000	M8 PLAIN WASHER	8	
11	WAC008BB000	M8 ZINC PLATED SPRING WASHER	8	
12	BLC008KD020	M8 x 20 mm HEX SOCKET CAP HEAD SCREW	8	
13	NUC006JC000	M6 NYLOK NUT	2	
14	WAC006AF000	M6 ZINC WASHER	2	
15	SFC020HC001	HPF SHELF SUPPORT	2	
16	BLC006JX025	M8x30 CK SCREW	2	
17	SFC388HB001	HPF PUMP SHELF	1	

## NOTE:

-ALL PARTS AVAILABLE TO ORDER AS AN INDIVIDUAL SPARE PART UNLESS MARKED "X"

-FOR SUB ASSEMBLIES (ITEM NO.s 1, 5 & 9) PLEASE REFER TO THEIR INDIVIDUAL 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.



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25T PRESS FRAME

SERIAL NUMBERS

FROM BS8412

PRODUCT NO.

PAA025CH001

SHT 1 OF 1 SHTS

**REVISION** 

6169
 6180
 6376

5

(10) (11)		
	0	
(12)	3000	
	13	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	PBS025HC001	25T PRESS UPPER	1	X	
2	MBC084FB001	MOUNTING BLOCK	1		
3	PBS025BC001	PRESS BED	1	X	
4	PUC025FE001	25T PRESS FRAME UPRIGHT	4	X	
5	PBS025LC001	25T PRESS BASE	1	X	
6	PFC025AF003	PRESS FOOT	2	X	
7	BLC020PA070	M20 x 70 HEX HEAD BOLT	20		
8	WAC020AB000	M20 PL WASHER	40		
9	NUC020PC000	M20 NYLOK NUT	20		
10	BLC012MB035	M12 x 35 HEX HEAD BOLT	4		
11	WAC012BB000	M12 SPRING WASHER	4		
12	WAC012AB000	M12 PLAIN WASHER	4		
13	NUC012MC000	M12 NYLOK NUT	4		
14	PLC025CP001	25T LOAD PIN	2		
15	HLC010BM003	BRIDGE HANDLE	2		
16	BLC005HD025	M5 x 25 SOCKET CAP HEAD SCREW	4		
17	STC025RA001	R CLIP	2		
18	WAC008BB000	M8 ZINC PLATED SPRING WASHER	4		
19	BLC008KD040	M8 x 40 SOCKET CAP HEAD SCREW	4		

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.



230V 50hz, TWO STAGE, ELECTRIC DRIVEN, MEDIUM FLOW PUMP

26)

SERIAL NUMBERS

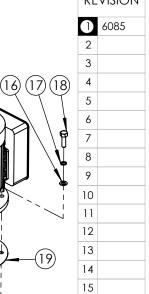
FROM BS8412

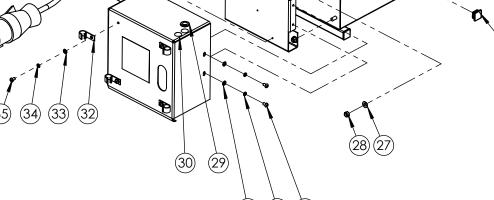
PRODUCT NO.

HPF207312

SHT 1 OF 2 SHTS







(34)

3

**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.

SHT 2 OF 2 SHTS

**REVISION** 

1 6085

н	YDRAULIC TO	230V 50hz, TWO STAGE, ELE	CTRIC	DRIV	'EN, ME	DIU	M FLOW PUM	IP FROM BS8412	HPF20731	2	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	EMA230UE001	MOTOR STARTER ASSEMBLY 230V	1			24	BPC025KP001	1" SQ RIBBED INSERT BLACK	4		
2	TAC000FS003	MOUNTING PLATE	1			25	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCI	REW 10		
3	TAC010AS012	10L Tank	1			26	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1		
4	15482	tank gasket	1		<b>√</b>	27	WAC008AB000	M8 PLAIN WASHER	4		
5	DCSF00328	DOUBLE SIDED MAGNET	1			28	NUC008KC000	M8 NYLOC NUT 4			
6	NUC021-B000	1/2" BSP LOCK NUT	2			29	SEC013EH001	12.7mm ID BLACK PVC OPEN GROMMET 1			
7	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2			30	SEC013EH002	12.7mm OD BLACK PVC BLIND GROMMET			
8	PMV3L	3 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE (WITH LOAD HOLDING)	1			31	TAC000FS004	HOUSING 1			
9	HF16	ELBOW, 3/8" NPT FEMALE TO 3/8" NPT MALE	1			32	ANC015PC001	CABLE CLIP BLACK SCREW POLYACETAL CABLE CLIP, 15mm 4			
10	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	2			33	WAC006AF000	M6 ZINC WASHER	8		
11	AAN000UP001	60 x 30 mm UNIVERSAL NAME PLATE	1	X		34	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTIO	N) 8		
12	BPC010SP002	FILLER	1			35	BLC006JH010	M6 X 10 mm, HEX SOCKET, BUTTON HEAD SC	REW 8		
13	BPC010DS001	ZINC PLATED DIPSTICK 239mm LONG	1						•		
14	NUC020LS002	GLAND 6-12MM	1								
15	EM230-1.5-4LAF	ELECTRIC MOTOR 1.5KW 230VAC	1				NOTE	: :			
16	WAC010AB000	M10 ZINC PLATED FLAT WASHER	4				-ALL F	PARTS ARE AVAILABLE TO BE ORDERED AS S	SPARE PARTS (I	JNLESS	
17	WAC010BZ000	M10 SPRING WASHER	4		MARKED WITH <b>x</b> )						

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-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 1, 8 & 20) PLEASE REFER TO THEIR INDIVIDUAL EVD's.

-ITEM NO.S 12 & 13 MUST BE ORDERED TOGETHER

# **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.

M10 x 35 mm HEX HEAD BOLT, ZINC PLATED

**GASKET** 

200 SERIES PUMP UNIT

1/2" BSPT SUCTION PIPE

**FILTER** 

160 mm LONG SUCTION PIPE

BLC010LB035

SEC001KT003

TYPE200-24

FPC013AC010

FFC045MZ001

TAC000PA001

20

23

Hi-Force

200 SERIES PUMP UNIT

SERIAL NUMBERS

PRODUCT NO. TYPE200-24

SHT 1 OF 2 SHTS

**REVISION** 

1 5717 2 5866

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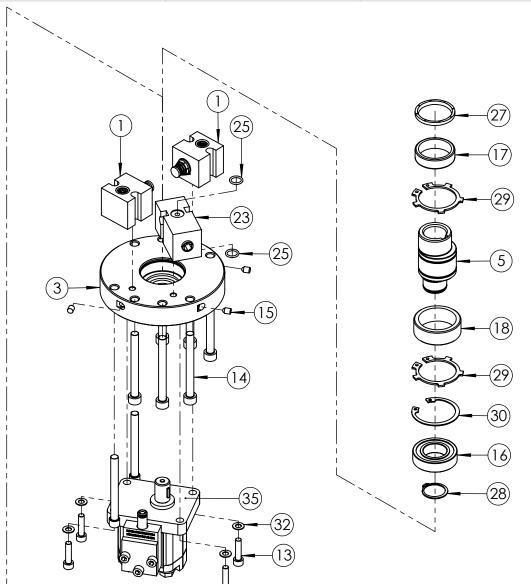
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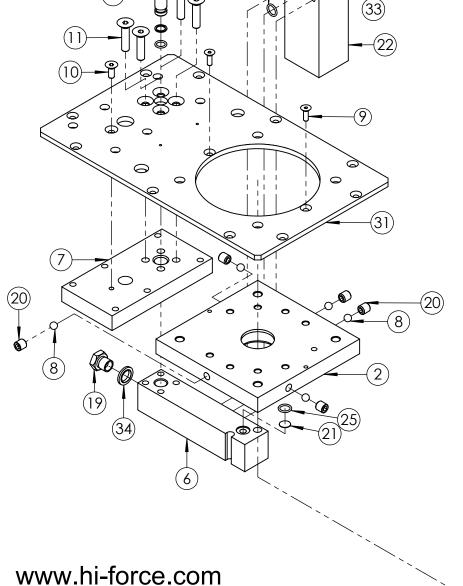
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**IMPORTANT** 

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

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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.



PISTON BLOCK ASSEMBLY

SERIAL NUMBERS

PRODUCT NO.

**VERSION** 01

15494-A

SHT 1 OF 1 SHTS

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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

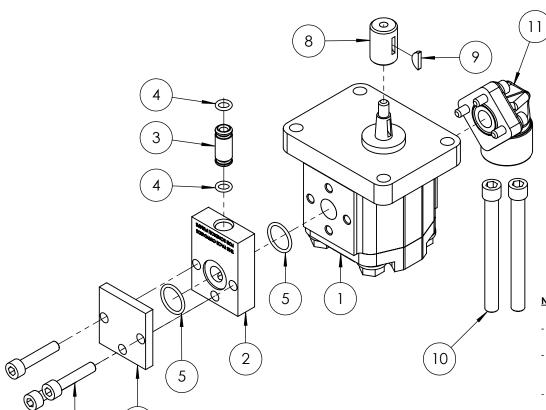
SHT 1 OF 3 SHTS

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	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**

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**CONNECTOR TUBE 15510B** 

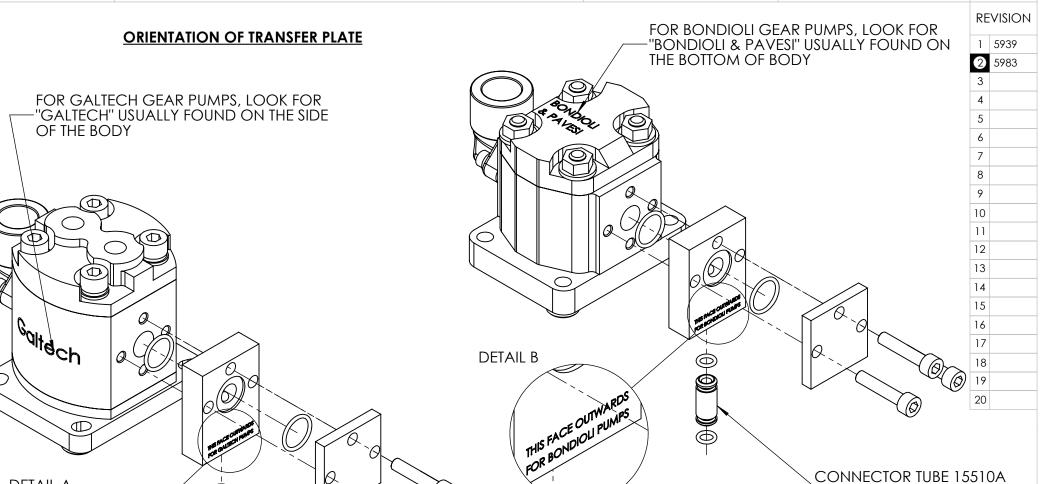
SERIAL NUMBERS

PRODUCT NO.

PMA048GZ001

**CONNECTOR TUBE 15510A** 

SHT 2 OF 3 SHTS



**IMPORTANT** 

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THIS FACE OUTWARDS

DETAIL A

SHT 3 OF 3 SHTS

REVISION

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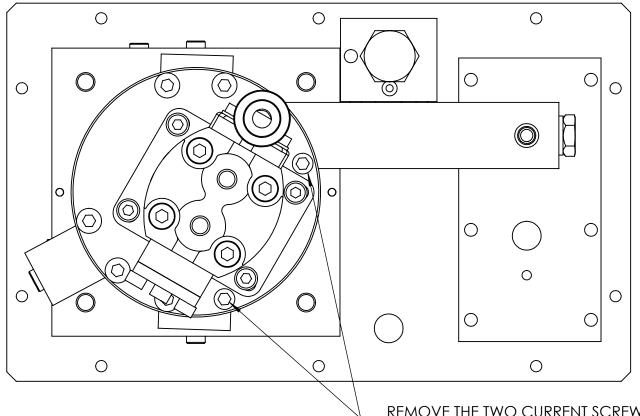
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# **TYPE200-24: BOTTOM VIEW**



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

# **IMPORTANT**

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# MOTOR STARTER ASSEMBLY 230V

SERIAL NUMBERS

PRODUCT NO.

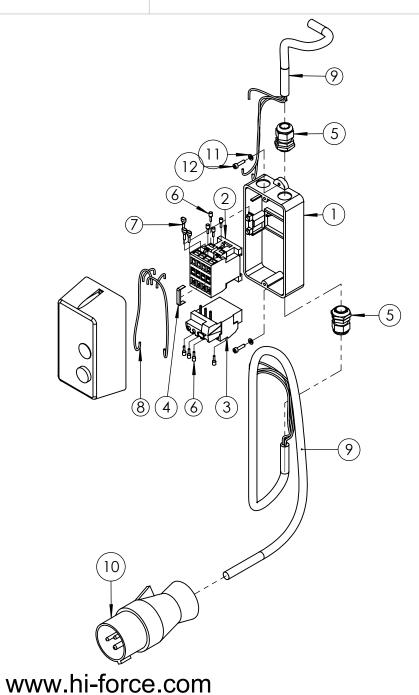
**VERSION** 

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EMA230UE001
LIVI) (2000L001

01 SHT 1 OF 1 SHTS



						1 2H12
ITEM NO.	PART NUMBE	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION
1	EMC000EF00	ENCLOSURE WITH PUSH BUTTONS P1MT	1			1) 5717 2
2	EMC230KE00	OI CONTACTOR 230 VOL	T 1			3
3	EMC230RE00	OVERLOAD RELAY 8-11 A	MPS 1			4
4	EMC110XF00	BRIDGING BAR	1			5
5	NUC020LS00	2 GLAND 6-12MM	2			6
6	CEC250\$X00	BOOTLACE FERRULE (INSULATED) 2.5mm GR	<sub>EY</sub> 8			7
7	CEC250SX00	TWIN BOOTLACE FERRULE mm²	2.5 3			9
8	CEC250AC0	SINGLE CORE TR-RATED C. 2.5 mm2	ABLE 1			10
9	CEC250CC0	3 CORE CABLE 2.5mm/ H07RN-F3G 2.5	2 2			12
10	MCC240EP00	02 240V 16 Amp PLUG	1			14
11	WAC004YB0	00 M4 WASHER ST	2			15
12	BLC004JD01	6 M4 X 16 HEX SOCKET, CA	AP 2			16
	1	'	I	ı		17
						18

# 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.

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

SERIAL NUMBERS

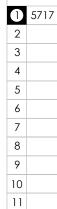
PRODUCT NO.

PMV3L

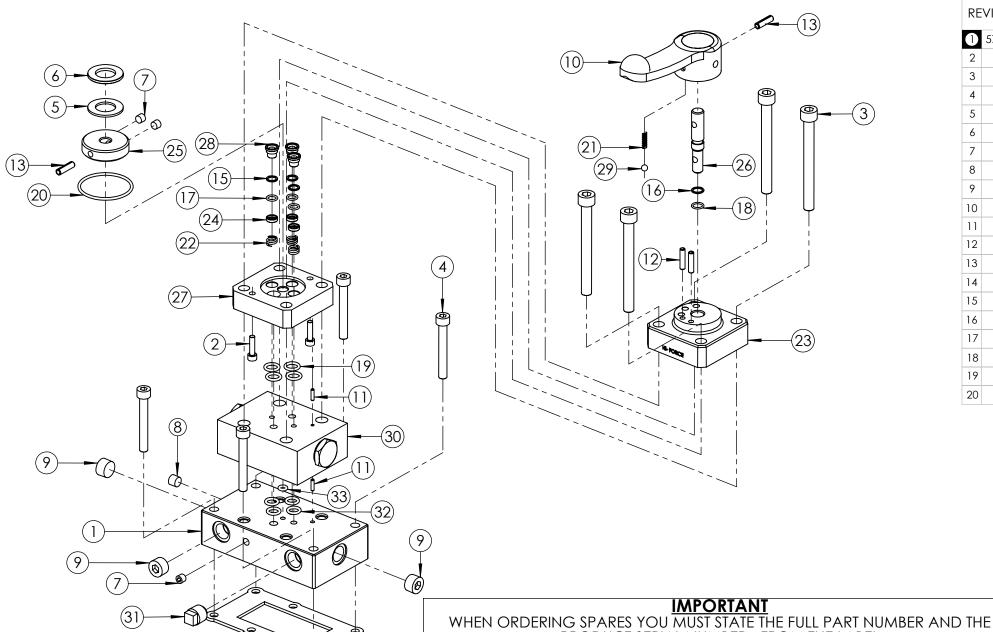
**VERSION** 01

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.	VE
	PMV3L	(

RODUCT NO.			VE	rsion		
PMV3L			С	)]		SHT 2 OF 2 SHTS
	QTY.	SPA PAI	RE RTS	SERVICI PARTS	E	REVISION

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICI PARTS
1	VFC010BF012	VALVE MOUNTING BLOCK	1		
2	BLC005HU020	M5 x 20 mm HEX SOCKET CAP HEAD SCREW	2		
3	BLC010LC100	M10 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-RING - I.D. 8.10 mm, C.S. 1.6 mm, NITRILE 90	3		1
18	SEC012RA003	O-RING - I.D. 9 mm, C.S. 1.50 mm, NITRILE 70	1		•
19	SEC016RA002	O-RING - I.D. 10.77 mm, C.S. 2.62 mm, NITRILE 70	4		•
20	SEC049RF001	O-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		<b>✓</b>	10
	•		•			11
						12

### 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.



PUMP SERVICE KIT

(6)

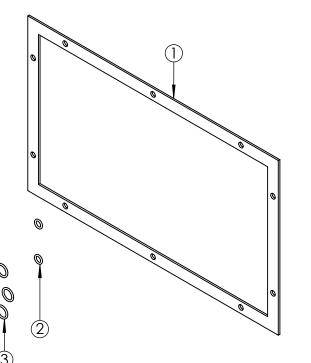
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SERIAL NUMBERS	

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.

DCV-M1

VERSION

01

SHT 1 OF 1 SHTS

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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, ( 1.50 mm, NITRILE 7		1	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	
					14	

**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.