

25 Tonne, Single Acting, 220V 60Hz Electric Driven, Solenoid 3 – Way Valve, Workshop Press

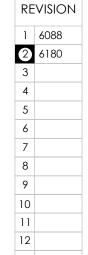
SERIAL NUMBERS

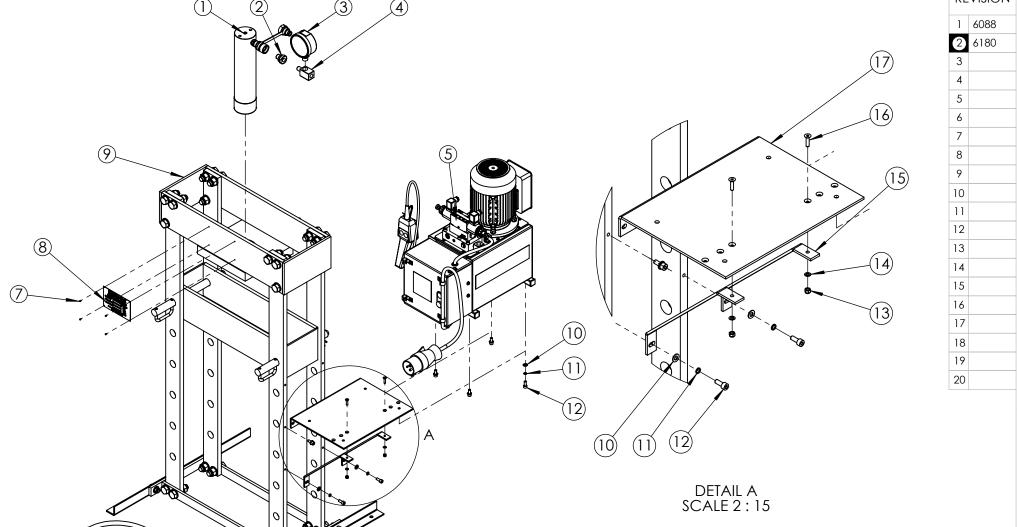
FROM BS8412

PRODUCT NO.

HPF2542HS

SHT 1 OF 2 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



25 Tonne, Single Acting, 220V 60Hz Electric Driven, Solenoid 3 – Way Valve, Workshop Press

SERIAL NUMBERS

PRODUCT NO.

FROM BS8412

HPF2542HS

SHT 2 OF 2 SHTS

**REVISION** 

1 6088 2 6180

3	
4	
5	
6	

7 8

9 10

11

13

15 16

17 18

19

**NOTES:** 

-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** 

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	HPF207312HS	220V 60hz, 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	



25T PRESS FRAME

SERIAL NUMBERS

FROM BS8412

PRODUCT NO.

PAA025CH001

SHT 1 OF 1 SHTS

**REVISION** 

6169
 6180
 6376

5

(10) (11)		
	0	
(12)	5	0 0
	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** 



220V 60hz, TWO STAGE, ELECTRIC DRIVEN, MEDIUM FLOW PUMP

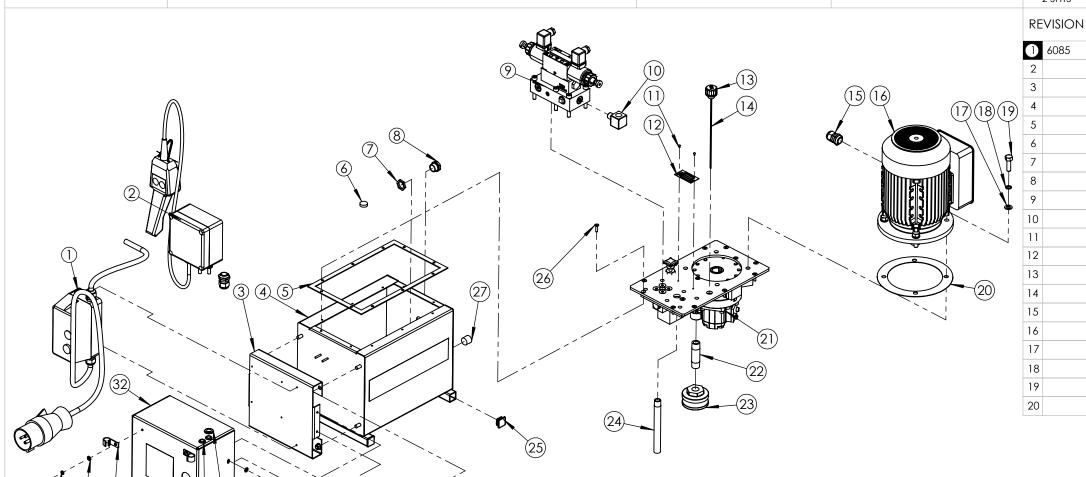
SERIAL NUMBERS

FROM BS8412

PRODUCT NO.

HPF207312HS

SHT 1 OF 2 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

(35)

(35) (34)



SERIAL NUMBERS

PRODUCT NO.

FROM BS8412

HPF207312HS QTY.

4

10

4

4

2

4

8

8

8

SHT 2 OF 2 SHTS

**REVISION** 

1 6085

2 3

4

SERVICE PARTS

SPARE PARTS

		2201 00112, 1110 017 (01, 111		DIGIT	_ 1 1, 111	Dioi	VI I E O VV I O/VI	I INCIVIDOCTIZ TILIZ
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.	PART NUMBER	DESCRIPTION
1	EMA230UE002	MOTOR STARTER ASSEMBLY	1			24	TAC000PA001	160 mm LONG SUCTION PIPE
2	EMA024TB001	POWER SUPPLY ASSY	1			25	BPC025KP001	1" SQ RIBBED INSERT BLACK
3	TAC000FS003	MOUNTING PLATE	1			26	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCREW
4	TAC010AS012	10L Tank	1			27	FPC013PC001	1/2" BSP PLUG - HEX SOCKET
5	15482	TANK GASKET	1		1	28	WAC008AB000	M8 PLAIN WASHER
6	DC\$F00328	DOUBLE SIDED MAGNET	1			29	NUC008KC000	M8 NYLOC NUT
7	NUC021-B000	1/2" BSP LOCK NUT	2			30	SEC013EH001	12.7mm ID BLACK PVC OPEN GROMMET
8	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2			31	SEC010EH001	9.5mm ID BLACK PVC OPEN GROMMET
9	PMV3SD	3 WAY, ELECTRICALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE	1			32	TAC000FS004	HOUSING
10	HF16	ELBOW, 3/8" NPT FEMALE TO 3/8" NPT MALE	1			33	ANC015PC001	CABLE CLIP BLACK SCREW POLYACETAL CABLE CLIP, 15mm
11	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	2			34	WAC006AF000	m6 zinc washer
12	AAN000UP001	60 x 30 mm UNIVERSAL NAME PLATE	1	X		35	WAC006BC001	m6 Spring zinc washer (square section)
13	BPC010SP002	FILLER	1			36	BLC006JH010	M6 X 10 mm, HEX SOCKET, BUTTON HEAD SCREW
14	BPC010DS001	ZINC PLATED DIPSTICK 239mm LONG	1					
15	NUC020LS002	GLAND 6-12MM	1				NOTE:	
16	EM220-1.8-4HLAF	ELECTRIC MOTOR 1.8KW 220VAC	1				-ALL P	ARTS ARE AVAILABLE TO BE ORDERED AS SPARE PA
17	WAC010AB000	M10 ZINC PLATED FLAT WASHER	4				MARKI	ED WITH <b>X</b> )
18	WAC010BZ000	M10 SPRING WASHER	4					PARTS MARKED WITH JARE AVAILABLE AS BOTH S RVICEABLE PARTS, FROM HEP-SK1 PUMP SERVICE K
19	BLC010LB035	M10 x 35 mm HEX HEAD BOLT, ZINC PLATED	4					(1 : PUMP SERVICE KIT EVD FOR FULL PARTS LIST)

1

220V 60hz, TWO STAGE, ELECTRIC DRIVEN, MEDIUM FLOW PUMP

PARTS (UNLESS

I SPARE PARTS KIT. (REFER TO HEP-SKI: PUMP SERVICE KII EVD FOR FULL PARIS LIST)

-FOR SUB ASSEMBLIES (ITEM NO.S 1, 2, 9 & 21) PLEASE REFER TO THEIR INDIVIDUAL EVD's.

-ITEM NO.S 13 & 14 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.

www.hi-force.com

**GASKET** 

200 SERIES PUMP UNIT

1/2" BSPT SUCTION PIPE

FILTER

SEC001KT003

TYPE200-24

23

FPC013AC010

FFC045MZ001

> 19 20

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

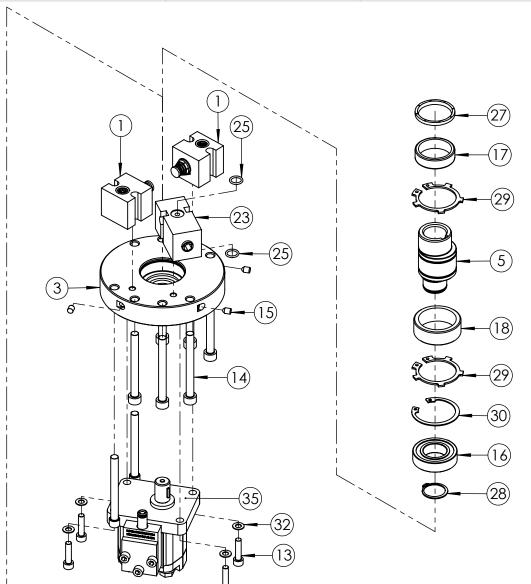
13 14

15 16

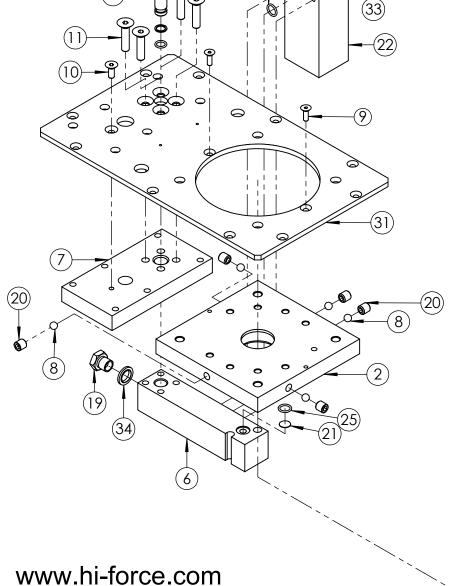
17

18 19

20



**IMPORTANT** 





#### 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**

SERIAL NUMBERS

PRODUCT NO.

PMA048GZ001

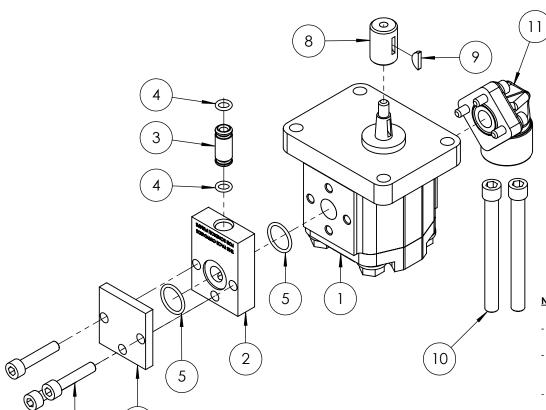
SHT 1 OF 3 SHTS

17

18

19

20



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**

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** 

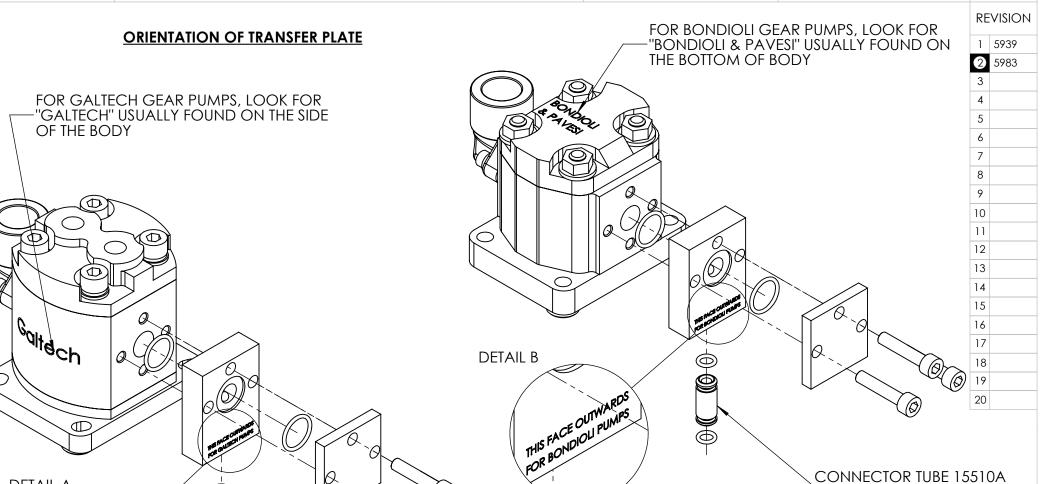
SERIAL NUMBERS

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

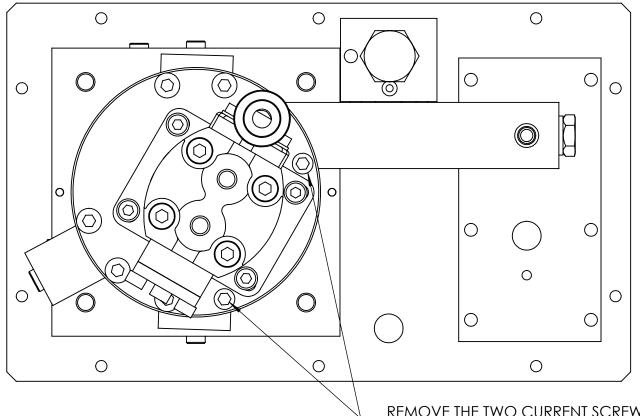
14

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**

SERIAL NUMBERS

PRODUCT NO.

EMA230UE002

SHT 1 OF 1 SHTS

19

20

	11 5
7	5
(10)	9

						1 31113
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION
1	EMC000EF001	ENCLOSURE WITH PUSH BUTTONS P1MT	1			1 6085
2	EMC230KE001	CONTACTOR 230 VOLT	1			3
3	EMC230RE002	OVERLOAD RELAY 10-14amps	1			4
4	EMC110XF001	BRIDGING BAR	1			5
5	NUC020LS002	GLAND 6-12MM	2			6
6	CEC250\$X001	BOOTLACE FERRULE (INSULATED) 2.5mm GREY	8			7
7	CEC250\$X002	TWIN BOOTLACE FERRULE 2.5 mm <sup>2</sup>	3			9
8	CEC250AC000	SINGLE CORE TR-RATED CABLE 2.5 mm2	1			10
9	CEC250CC000	3 CORE CABLE 2.5mm^2 H07RN-F3G 2.5	2			12
10	MCC240EP002	240V 16 Amp PLUG	1			14
11	WAC004YB000	M4 WASHER ST	2			15
12	BLC004JD016	M4 X 16 HEX SOCKET, CAP HEAD SCREW	2			16
						18

## NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH  $\boldsymbol{x}$ ).

# **IMPORTANT**



#### **POWER SUPPLY ASSY**

<sup>'</sup>9

(3)

ITEM NO.	PART N
1	EMC00
2	EMC02
3	EMC00
4	EMC00
5	EMC02
6 7	NUC01
7	NUC02
8	EMC00
9	BLC00
10	WAC00
11	FAS00
12	CEC15
13	CEC15
14	CEC07
NC	OTE:
	LL PART ARTS (UI
7	

SERIAL NUMBERS

QTY. SPARE PARTS NUMBER **DESCRIPTION REVISION** 00X7001 DIN RAII 5717 POWER SUPPLY 24 V DC 24TB001 5 3 00NZ001 TERMINAL BLOCK 00NZ002 EARTH TERMINAL BLOCK 5 24EB002 **DRILLED ENCLOSURE** 6 3 16LS001 M16 CABLE GLAND 2 20LS002 GLAND 6-12MM 8 HAND PENDANT (PENDANT 9 00VZ002 ONLY, NO CABLE) 10 M4 x 16 mm HEX SOCKET 4JD016 11 CAP HEAD SCREW 12 04YB000 M4 WASHER ST 4 13 M3 x 5 FORM SCREW 2 3TV001 14 4 CORE CABLE 1.5 mm<sup>2</sup> 15 0DC000 H07RN-F 4G1.5 16 OCC000 3 CORE 1.5mm CABLE 17 18 2 '5CC000 3 CORE 0.75mm CABLE 19 20

PRODUCT NO.

EMA024TB001

**VERSION** 

SHT 1 OF 1 SHTS

01

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH  $\boldsymbol{x}$ ).

<u>IMPORTANT</u>



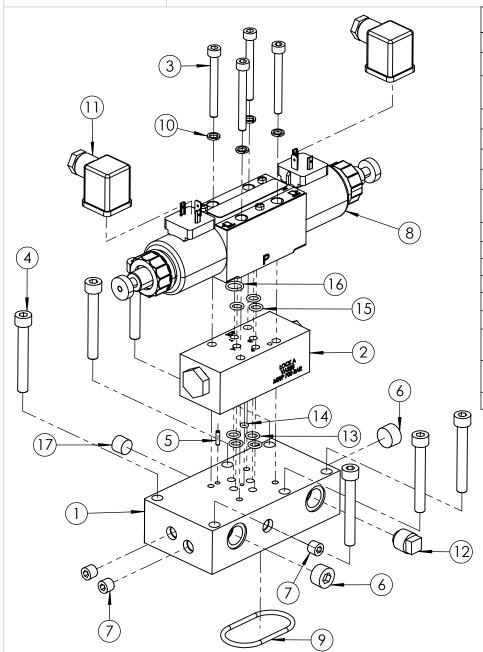
# 3 WAY, ELECTRICALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE

SERIAL NUMBERS

PRODUCT NO.

PMV3SD

SHT 1 OF 1 SHTS



•					
PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION
VFC010BT004	VALVE BASE (5 PORT)	1			1 5717
VA225	PO CHECK VALVE (5 port)	1			2 6165
BLC006FC055	1/4" x 2 1/4" UNC HEX SOCKET CAP HEAD SCREW	4			3
BLC008KC060	M8 x 60 mm HEX SOCKET CAP HEAD SCREW	6			5
PCC003RB006	Ø3 x 12 mm SELLOCK PIN	1			6
FPC010PN002	3/8" X 7/8" NPT SOCKET PLUG	2			7
FPC003PN001	1/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG	3			8
VFA000CE005	DIRECTIONAL CONTROL VALVE - TANDEM CENTRE 24VDC	1			9
SEC057RA001	O-RING - I.D. 50.39 mm, C.S. 3.53 mm			<b>✓</b>	11
WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTION)	4			12
EMC240NE001	BLACK RECTANGULAR POWER CONNECTOR	2			13
BPC010SP004	PC010SP004 3/8 NPT PLASTIC BLANKING PLUG (RED)				14
SEC011RF001	SEC011RF001 O-RING, I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 90			<b>√</b>	15
SEC006RA002	O-RING - I.D. 2.9 mm, C.S. 1.78mm, NITRILE 70			<b>√</b>	-
SEC011RF002	O-RING - I.D. 7.66 mm, C.S. 1.78 mm, VITON 90 (BROWN)	3		•	16
SEC014RF002	O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90 (BROWN)	1		✓	18 19
FPC006PN002 1/4 NPT x 7/8 TAPER PLUG					20
	VFC010BT004  VA225  BLC006FC055  BLC008KC060  PCC003RB006  FPC010PN002  FPC003PN001  VFA000CE005  SEC057RA001  WAC006BC001  EMC240NE001  BPC010SP004  SEC011RF001  SEC006RA002  SEC011RF002	VFC010BT004         VALVE BASE (5 PORT)           VA225         PO CHECK VALVE (5 port)           BLC006FC055         1/4" x 2 1/4" UNC HEX SOCKET CAP HEAD SCREW           BLC008KC060         M8 x 60 mm HEX SOCKET CAP HEAD SCREW           PCC003RB006         Ø3 x 12 mm SELLOCK PIN           FPC010PN002         3/8" X 7/8" NPT SOCKET PLUG           FPC003PN001         1/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG           VFA000CE005         DIRECTIONAL CONTROL VALVE - TANDEM CENTRE 24VDC           SEC057RA001         O-RING - I.D. 50.39 mm, C.S. 3.53 mm           WAC006BC001         M6 SPRING ZINC WASHER (SQUARE SECTION)           EMC240NE001         BLACK RECTANGULAR POWER CONNECTOR           BPC010SP004         3/8 NPT PLASTIC BLANKING PLUG (RED)           SEC011RF001         O-RING, I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 70           SEC011RF002         O-RING - I.D. 2.9 mm, C.S. 1.78 mm, VITON 90 (BROWN)           SEC014RF002         O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90 (BROWN)	VFC010BT004         VALVE BASE (5 PORT)         1           VA225         PO CHECK VALVE (5 port)         1           BLC006FC055         1/4" x 2 1/4" UNC HEX SOCKET CAP HEAD SCREW         4           BLC008KC060         M8 x 60 mm HEX SOCKET CAP HEAD SCREW         6           PCC003RB006         Ø3 x 12 mm SELLOCK PIN         1           FPC010PN002         3/8" X 7/8" NPT SOCKET PLUG         2           FPC003PN001         1/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG         3           VFA000CE005         DIRECTIONAL CONTROL VALVE - TANDEM CENTRE 24VDC         1           SEC057RA001         O-RING - I.D. 50.39 mm, C.S. 3.53 mm         1           WAC006BC001         M6 SPRING ZINC WASHER (SQUARE SECTION)         4           EMC240NE001         BLACK RECTANGULAR POWER CONNECTOR         2           BPC010SP004         3/8 NPT PLASTIC BLANKING PLUG (RED)         1           SEC011RF001         O-RING, I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 90         4           SEC006RA002         O-RING - I.D. 2.9 mm, C.S. 1.78 mm, VITON 90         3           SEC014RF002         O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90 (BROWN)         1	VFC010BT004         VALVE BASE (5 PORT)         1           VA225         PO CHECK VALVE (5 port)         1           BLC006FC055         1/4" x 2 1/4" UNC HEX SOCKET CAP HEAD SCREW         4           BLC008KC060         M8 x 60 mm HEX SOCKET CAP HEAD SCREW         6           PCC003RB006         Ø3 x 12 mm SELLOCK PIN         1           FPC010PN002         3/8" X 7/8" NPT SOCKET PLUG         2           FPC003PN001         1/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG         3           VFA000CE005         DIRECTIONAL CONTROL VALVE - TANDEM CENTRE 24VDC         1           SEC057RA001         O-RING - I.D. 50.39 mm, C.S. 3.53 mm         1           WAC006BC001         M6 SPRING ZINC WASHER (SQUARE SECTION)         4           EMC240NE001         BLACK RECTANGULAR POWER CONNECTOR         2           BPC010SP004         3/8 NPT PLASTIC BLANKING PLUG (RED)         1           SEC011RF001         O-RING - I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 90         4           SEC010RF002         O-RING - I.D. 7.66 mm, C.S. 1.78 mm, VITON 90         3           SEC014RF002         O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90         3           SEC014RF002         O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90 (BROWN)         1	VFC010BT004         VALVE BASE (5 PORT)         1           VA225         PO CHECK VALVE (5 port)         1           BLC006FC055         1/4" x 2 1/4" UNC HEX SOCKET CAP HEAD SCREW         4           BLC008KC060         M8 x 60 mm HEX SOCKET CAP HEAD SCREW         6           PCC003RB006         Ø3 x 12 mm SELLOCK PIN         1           FPC010PN002         3/8" X 7/8" NPT SOCKET PLUG         2           FPC003PN001         1/8" x 3/4" NPT TAPER DRY SEAL PRESS PLUG         3           VFA000CE005         DIRECTIONAL CONTROL VALVE - TANDEM CENTRE 24VDC         1           SEC057RA001         O-RING - I.D. 50.39 mm, C.S. 3.53 mm         1           WAC006BC001         M6 SPRING ZINC WASHER (SQUARE SECTION)         4           EMC240NE001         BLACK RECTANGULAR POWER CONNECTOR         2           BPC010SP004         3/8 NPT PLASTIC BLANKING PLUG (RED)         1           SEC011RF001         O-RING, I.D. 7.66 mm, C.S. 1.78 mm, NITRILE 90         4           SEC0106RA002         O-RING - I.D. 2.9 mm, C.S. 1.78 mm, VITON 90         3           SEC014RF002         O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90         3           SEC014RF002         O-RING - I.D. 10.82 mm C.S. 1.78 mm, VITON 90 (BROWN)         1

#### 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 DCV-S1: SERVICE KIT (SOLENOID VALVE) (REFER TO DCV-S1 EVD FOR FULL PARTS LIST).
- IF ITEM NO. 2 IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH ITEMS 13 & 14. THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SEPERATELY.
- IF ITEM NO. 8 IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH ITEMS 15 & 16. THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SEPERATELY.

## **IMPORTANT**



PUMP SERVICE KIT

(6)

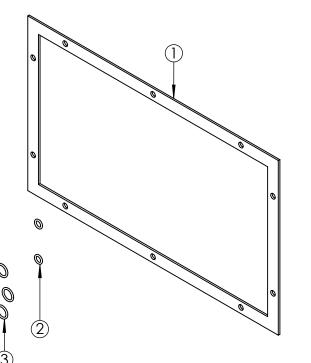
(4)

(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		10	

**IMPORTANT** 

Hi-Force	SERVICE KIT (SOLENOID VAL	VF)		SERIAL NU	MBERS	PRODUCT NO.	VERSI		
HYDRAULIC TOOLS	SERVICE RIT (SOLETIONS VILL	· • -				DCV-S1	01		SHT 1 OF 1 SHTS
			ITEM NO.	PART NUMBER	DES	CRIPTION		QTY.	. REVISIO
			1	SEC014RF002	O-RING - I.D. 10.82 m (E	nm C.S. 1.78 mm, \ BROWN)	VITON 90	) 1	<ol> <li>5717</li> <li>2</li> </ol>
			2	SEC011RF002	O-RING - I.D. 7.66 m	m, C.S. 1.78 mm, \ ROWN)	/ITON 90	3	3 4
		(5)	3	SEC011RF001	O-RING, I.D. 7.66 mr	n, C.S. 1.78 mm, N	ITRILE 90	4	5
			4	SEC006RA002	O-RING - I.D. 2.9 mr	n, C.S. 1.78mm, NI	TRILE 70	1	6
			5	SEC057RA001	O-RING - I.D. 50	.39 mm, C.S. 3.53	mm	1	7
									8
									9
				_					11
									12
									13
	(2)								14
				) )					15 16
		$((\ ))$	$\searrow$	<i>)</i>					17
	$(\bigcirc)$	$\longrightarrow$							18
(3									19
		(1)							20