Hi-Force

www.hi-force.com

400V 50HZ/460V 60HZ, TWO STAGE, ELECTRIC DRIVEN, HIGH FLOW PUMP

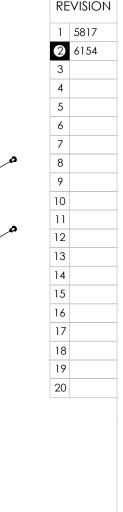
SERIAL NUMBERS

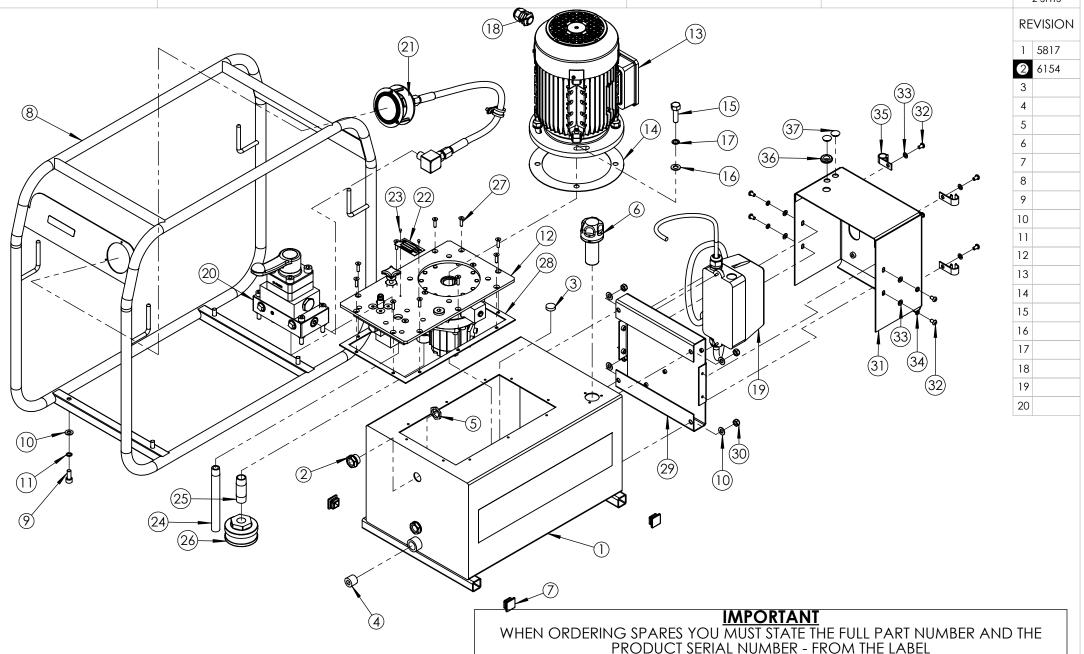
FROM BQ6615

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

PRODUCT NO. HEP310424

SHT 1 OF 2 SHTS





Hi-Force

## 400V 50HZ/460V 60HZ, TWO STAGE, ELECTRIC DRIVEN, HIGH FIOW PIIMP

FROM BQ6615

**DESCRIPTION** 

60 x 30 mm UNIVERSAL NAME

PLATE

NO.4 x 3/16 HAMMER DRIVE

**SCREW** 

160 mm LONG SUCTION PIPE

BARREL NIPPLE

FILTER

M5 x 20 mm HEX SOCKET

COUNTERSUNK SCREW

TANK GASKET

MOUNTING PLATE

M8 NYLOC NUT

HOUSING

M6 X 10 mm BUTTON HEAD HEX

SOCKET SCREW

M6 ZINC WASHER

M6 SPRING ZINC WASHER (SQUARE SECTION)

CABLE CLIP BLACK SCREW

POLYACETAL CABLE CLIP, 15mm

12.7mm ID BLACK PVC OPEN

**GROMMET** 

12.7mm OD BLACK PVC BLIND

**GROMMET BLANKING PLATE** 

SERIAL NUMBERS

PRODUCT NO.

QTY.

1

2

1

10

1

4

8

8

4

1

2

1

HEP310424

**SPARE** 

PARTS

X

**SERVICE** 

PARTS

SHT 2 OF 2 SHTS

**REVISION** 

1 5817

2 6154

3

5 6

7

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9 10

11

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20

		FLOW PUMP					
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.	PART NUMBER
1	TAC025AS006	25L TANK	1			22	AAN000UP001
2	BLC021YT010	SIGHT GLASS HGF, 13 BLACK OIL LEVEL INDICATOR	2			23	FAS002HZ001
3	DCSF00328	DOUBLE SIDED MAGNET	1			24	TAC000PA001
4	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1			25	FPC013AC001
5	NUC021-B000	1/2" BSP LOCK NUT	2			26	FFC045MZ001
6	FFC028PZ001	FILLER/BREATHER	1			27	BLC005HF020
7	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			28	15482
8	TAC025CS003	25L ROLL FRAME	1			29	TAC000FS003
9	BLC008KD020	M8 x 20 mm HEX SOCKET CAP HEAD SCREW	4			30	NUC008KC000
10	WAC008AB000	M8 PLAIN WASHER	8			31	TAC000FS004
11	WAC008BB000	M8 ZINC PLATED SPRING WASHER	4			32	BLC006JH010
12	TYPE300-24	300 SERIES PUMP UNIT	1			33	WAC006AF000
13	EM415-1.5-4LAF	AMPE 90L BA 4 - 1.5KW 4 POLE MOTOR	1			34	WAC006BC001
14	SEC001KT003	GASKET	1		✓	35	ANC015PC001
15	BLC010LB035	M10 x 35 mm HEX HEAD BOLT, ZINC PLATED	4			36	SEC013EH001
16	WAC010AB000	M10 ZINC PLATED FLAT WASHER	4				
17	WAC010BZ000	M10 SPRING WASHER	4			37	SEC013EH002
18	NUC020LS002	GLAND 6-12MM	1			*	SFC065FA002
19	EMA415UC001	MOTOR STARTER ASSEMBLY	1				NOTE:
20	PMV4L	4 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE WITH LOAD HOLDING	1				- ALL PARTS A (UNLESS MA - ONLY PARTS PARTS OR SI
21	PGP063AK001	HEP & HAP PRESSURE GAUGE	1				(REFER TO E

**ASSEMBLY** 

- ARE AVAILABLE TO BE ORDERED AS SPARE PARTS MARKED WITH X).
- TS MARKED WITH 

  ARE AVAILABLE AS BOTH SPARE 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 12, 19, 20 & 21) 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.

 $^{\uparrow}_{\Box}$ 

SERIAL NUMBERS

PRODUCT NO. TYPE300-24

SHT 1 OF 2 SHTS



1 5817

2 5939

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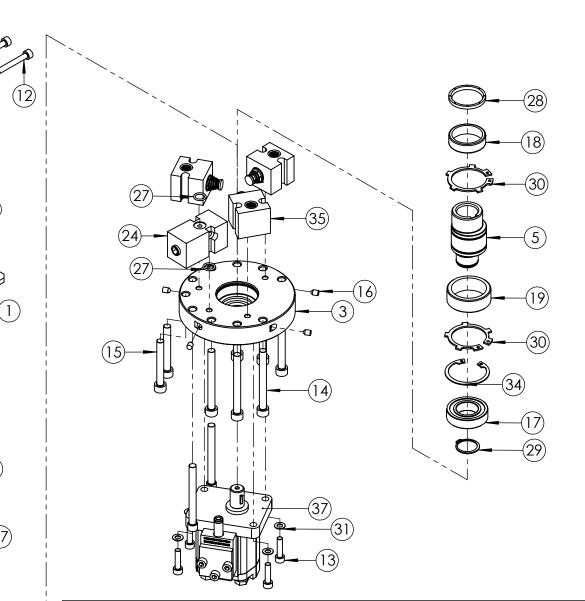
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<u>IMPORTANT</u>

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.



#### 300 SERIES PUMP UNIT

SERIAL NUMBERS PRODUCT NO.

TYPE300-24

SHT 2 OF 2 SHTS

> 18 19

20

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	TAC000BA003	COVER PLATE	1		
2	PMC000UM001	UPPER PLATE	1		
3	PMC000LF001	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	BAC008\$N000	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	BLC008KC060	M8 x 60 mm HEX SOCKET CAP HEAD SCREW	2		
16	BPC006RS001	SEALING PLUG	4		
17	BSC025MC001	LOWER PLATE BEARING	1		
18	BSC035NC001	UPPER PLATE BEARING	1		
19	BSC040ND001	ECCENTRIC BEARING	1		
20	FAS006GJ010	1/4" BSP HEX HEAD BLANKING PLUG	1		
21	FAS010MA010	M10 X 10 CUP POINT GRUB SCREW	5		
22	FFC012MA001	SUCTION FILTER	1		
23	HPRV1	HIGH PRESSURE R/VALVE	1		
24	LPRV1	LOW PRESSURE R/VALVE	1		
25	SEC013BA001	BACK-UP RING - PTFE, SOLID SPLIT	2		<b>√</b>
26	SEC013RA001	O-RING - I.D. 9.25mm, C.S. 1.78mm, NITRILE 90	2		1
27	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
28	SEC035WE001	UPPER PLATE OIL SEAL	1			1	5817
29	STC025AA001	EXTERNAL CIRCLIP - 25 x 1,2 mm D1400/025	1			2	5939
30	STC040AA001	EXTERNAL CIRCLIP - 40 x 1.75 mm D2100/0400	2			3	
31	WAC006AF000	M6 ZINC WASHER	4			5	
32	WAC006BC001	M6 SPRING ZINC WASHER (SQUARE SECTION)	2			6	
33	WAC007HD000	1/4" BSP SELF CENTERING BONDED WASHER	1			7	
34	STC047BA001	INTERNAL CIRCLIP - 47 x 1.75 mm D1300/0470	1			9	
35	15494-A	PISTON BLOCK ASSEMBLY	3			10	
36	FPC010PB001	3/8" BSP BLANKING PLUG	1			11	
37	PMA060GZ001	GP60 GEAR PUMP ASSEMBLY	1			12	
						13	

#### 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. 24 (LPRV1) IS ORDERED AS A SPARE PART, THIS ALREADY COMES WITH 2 OFF ITEM NO.27 (SEC014RF001). THEREFORE THESE ARE NOT REQUIRED TO BE ORDERED SEPERATELY.
- FOR SUB ASSEMBLIES ITEM NO. 35 (15494-A) & ITEM NO. 37 (PMA060GZ001) 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

> 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.

PMA060GZ001

SHT 1 OF 3 SHTS

17

18 19

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION
1	GP60	GEAR PUMP	1			1 5939
2	PMC000TM001	TRANSFER PLATE	1			2
3	15510C	CONNECTOR TUBE	1			3
4	SEC010RA001	O-RING - I.D. 6.35 mm, C.S. 1.78 mm, NITRILE 70	2		✓	5
5	SEC019RF002	O-RING - I.D. 15.60, C.S. 1.78mm, NITRILE 90	2		✓	6
6	PMC000XM001	SEALING PLATE	1			7
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
	5.0000000000	M8 X 80 HEX SOCKET				12
10	FAS008SP080	REDUCED CAP HEAD SCREW (FULLY THREADED)	2			13
11	FPA013DC001	GEAR PUMP ELBOW (INC	1	х		14
- ' '	1.7.01020001	WITH GEAR PUMP)				15
						16

#### NOTE:

- ALL PARTS ARE AVAILABLE TO BE ORDERED AS SPARE PARTS (UNLESS MARKED WITH  $\emph{\textbf{x}}$ )
- 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)
- THE ORIENTATION OF ITEM NO. 2 (PMC000TM001) IS DETERMINED BY THE BRAND OF THE GP60 GEAR PUMP SUPPLIED (REFER TO SHEET 2 FOR FURTHER DETAILS)
- ITEM NO. 10 (FAS008SP080) ARE TO REPLACE TWO SCREWS (BLC008KC080)ON THE TYPE300-24, PRIOR TO FITTING PMA060GZ001 (REFER TO SHEET 3 FOR FURTHER DETAILS)
- INDIVIDUAL ITEMS ARE NOT AVAILABLE AS SPARE PARTS FOR HEP PUMPS WITH SERIAL NUMBERS EARLIER THAN **BR9070**. GP60 GEAR PUMP ASSEMBLY (PMA060GZ001) WILL NEED TO BE ORDERED. INDIVIDUAL ITEMS APART FROM ITEM NO. 11 ARE AVAILABLE AS SPARE PARTS FOR HEP 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.

SERIAL NUMBERS

PRODUCT NO.

PMA060GZ001

SHT 2 OF 3 SHTS

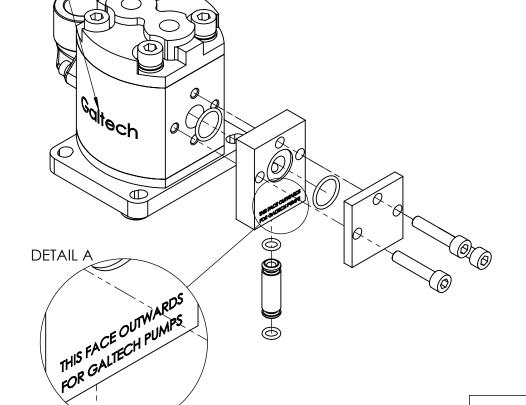
**REVISION** 

1) 5939

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## ORIENTATION OF TRANSFER PLATE

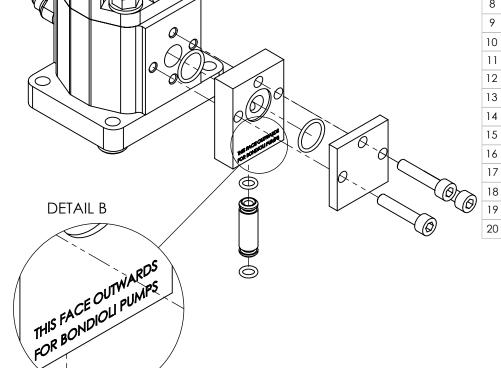
FOR GALTECH GEAR PUMPS, LOOK FOR "GALTECH" USUALLY FOUND ON THE SIDE OF THE BODY



FOR BONDIOLI GEAR PUMPS, LOOK FOR

"BONDIOLI & PAVESI" USUALLY FOUND

ON THE BOTTOM OF THE BODY



**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.

PRODUCT NO.

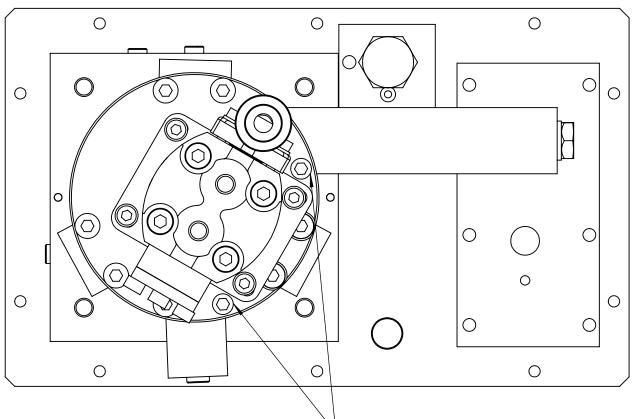
PMA060GZ001

SHT 3 OF 3 SHTS

# REVISION

0	5939
2	
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14	

## **TYPE300-24: BOTTOM VIEW**



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

# <u>IMPORTANT</u>

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

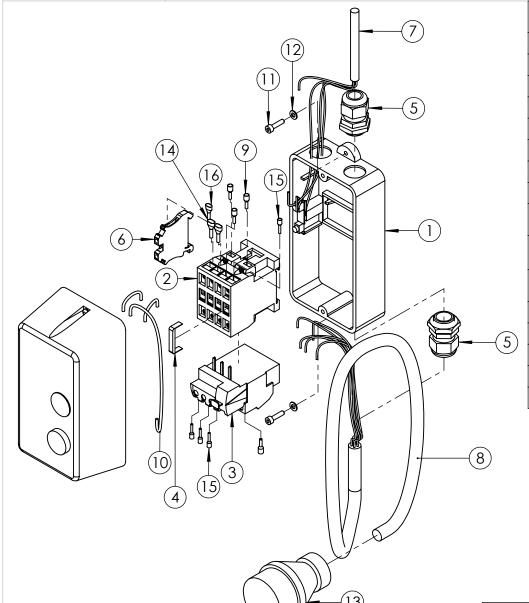
SERIAL NUMBERS

PRODUCT NO.

version 01

EMA415UC001

SHT 1 OF 1 SHTS



					1 31113
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	REVISION
1	EMC000EF001	ENCLOSURE WITH PUSH BUTTONS P1MT	1		1 5717
2	EMC415KE001	CONTACTOR 415 V	1		2
3	EMC415RC001	OVERLOAD RELAY 2.7-4.0 AMPS	1		3
4	EMC110XF001	BRIDGING BAR	1		5
5	NUC020LS002	GLAND 6-12MM	2		6
6	EMC000NZ001	TERMINAL BLOCK	1		7
7	CEC150DC000	4 CORE CABLE 1.5 mm2 H07RN-F 4G1.5	1		8
8	CEC150EC001	5 CORE CABLE 1.5 mm2 H07RN-F 5G1.5	1		9
9	CEC250\$X001	BOOTLACE FERRULE (INSULATED) 2.5mm GREY	4		10
10	CEC250AC000	SINGLE CORE TRI-RATED CABLE 2.5mm <sup>2</sup> BLACK H05V2-K / H07V2-K	1		12
11	BLC004JD016	M4 x 16 mm HEX SOCKET CAP HEAD SCREW	2		14
12	WAC004YB000	M4 WASHER ST	2		15
13	MCC415EP002	415V, 32A ELECTRICAL PLUG	1		16
14	CEC250SX002	TWIN BOOTLACE FERRULE 2.5 mm <sup>2</sup>	2		18
15	CEC150SX001	BOOTLACE FERRULE (INSULATED) 1.5mm	4		19
16	CEC150SX002	TWIN BOOTLACE FERRULE 1.5 mm²	1		20

## NOTE:

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

**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.

Hi-Force

(28)

# 4 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE WITH LOAD HOLDING

(14)

SERIAL NUMBERS PRODUCT NO.

PMV4L

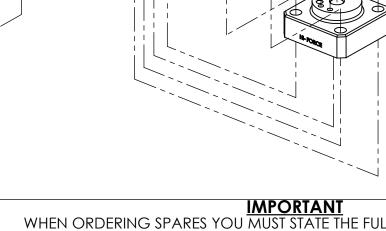
**VERSION** 01

SHT 1 OF 2 SHTS

**REVISION** 



(23)



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(31

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.



# 4 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE WITH LOAD HOLDING

ERIAL NUMBERS	PRODUCT NO.	VERSION	
	PMV4L	01	SHT 2 OF 2 SHTS

10

12 13

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19 20

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	VFC010BF007	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	2		
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		1
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		<b>✓</b>
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		
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	V-8245	DUAL CHECK VALVE	1			5
31	BPC010SP004	3/8 NPT PLASTIC BLANKING PLUG (RED)	2			7
32	SEC014RA001	O-RING - I.D. 9.19mm, C.S. 2.62mm, NITRILE 90	4		1	8
						′

## 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. 32. 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.



## HEP & HAP PRESSURE GAUGE ASSEMBLY

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

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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)

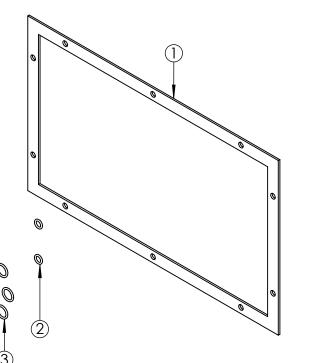
(4)

(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

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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, 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	

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