Hi-Force HYDRAULIC TOOLS

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

SERIAL NUMBERS

(29)

FROM BQ6615

(13)

PRODUCT NO.

HEP310321

SHT 1 OF 2 SHTS



1 5817

2 6154

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14 15

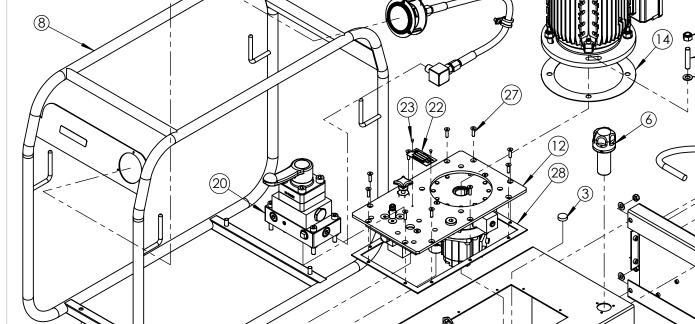
16

18 19

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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.



		110V 50HZ, TWO STAGE,	110V 50HZ, TWO STAGE, ELECTRIC DRIVEN, HIGH FLOW PUMP		FROM BQ6615	HEF	310321		SHT 2 OF 2 SHTS			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION
1	TAC025AS006	25L TANK	1			22	AAN000UP001	60 x 30 mm UNIVERSAL NAN PLATE	ΛE 1	X		1 5817
2	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2			23	FAS002HZ001	NO.4 x 3/16 HAMMER DRIV SCREW	E 2			2 6154
3	DC\$F00328	DOUBLE SIDED MAGNET	1			24	TAC000PA001	160 mm LONG SUCTION PIF	PE 1			3
4	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1			25	FPC013AC001	BARREL NIPPLE	1			5
5	NUC021-B000	1/2" BSP LOCK NUT	2			26	FFC045MZ001	FILTER	1			6
6	FFC028PZ001	FILLER/BREATHER	1			27	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCREW	10			7 8
7	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			28	15482	TANK GASKET	1		1	9
8	TAC025CS003	25L ROLL FRAME	1			29	TAC000FS003	MOUNTING PLATE	1			10
9	BLC008KD020	M8 x 20 mm HEX SOCKET CAP HEAD SCREW	4			30	NUC008KC000	M8 NYLOC NUT	4			11
10	WAC008AB000	M8 PLAIN WASHER	8			31	TAC000FS004	HOUSING	1			12
11	WAC008BB000	M8 ZINC PLATED SPRING WASHER	4			32	BLC006JH010	M6 X 10 mm BUTTON HEAD F	IEX 8			13
12	TYPE300-24	300 SERIES PUMP UNIT	1			33	WAC006AF000	M6 ZINC WASHER	8			15
13	EM110-1.1-4LAF	AMME (HIGH STARTING TORQUE), POWER 1.1kw, SPEED 4 POLE	1			34	WAC006BC001	M6 SPRING ZINC WASHER				16
14	SEC001KT003	GASKET	1		1	35	ANC015PC001	(SQUARE SECTION)  CABLE CLIP BLACK SCREW	/ 4			17
15	FAS010MW050	M10 x 50 DOUBLE ENDED THREADED STUD	4					POLYACETAL CABLE CLIP, 15i  12.7mm ID BLACK PVC OPE	mm '			18
16	WAC010AB000	M10 ZINC PLATED FLAT WASHER	4			36	SEC013EH001	GROMMET	'		-	20
17	NUC010LC000	M10 NYLOC NUT	4			37	SEC013EH002	12.7mm OD BLACK PVC BLIN GROMMET	ND 2			
18	NUC020LS002	GLAND 6-12MM	1			*	SFC065FA002	BLANKING PLATE	1			
19	EMA110UF002	MOTOR STARTER ASSEMBLY	1				NOTE:					
20	PMV3L	3 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE (WITH LOAD	1				- ALL PARTS A (UNLESS MAI	RE AVAILABLE TO BE ORDERED A RKED WITH X).				

SERIAL NUMBERS

PRODUCT NO.

- 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 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.

PGP063AK001

21

HOLDING)
HEP & HAP PRESSURE GAUGE
ASSEMBLY

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

SERIAL NUMBERS

PRODUCT NO. TYPE300-24

SHT 1 OF 2 SHTS



1 5817

2 5939

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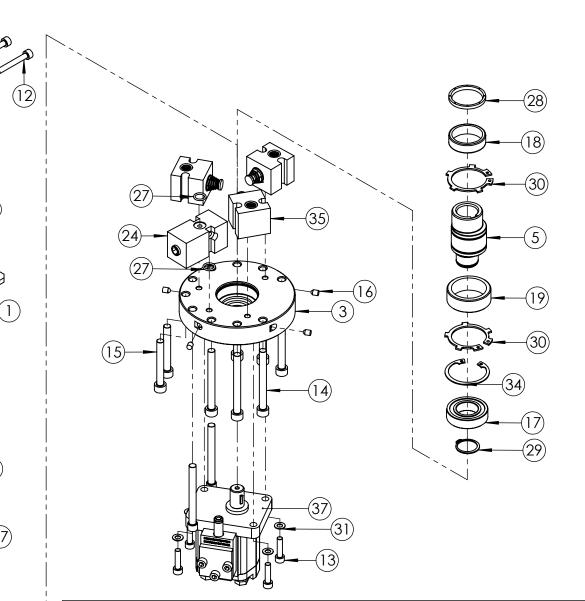
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<u>IMPORTANT</u>

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		
		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			
25	SEC013BA001	BACK-UP RING - PTFE, SOLID SPLIT	2		1
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

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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

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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

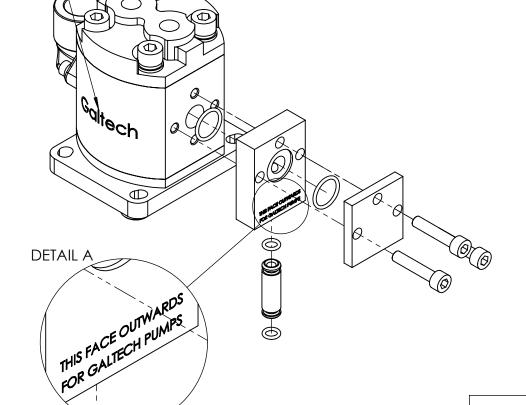
**REVISION** 

1) 5939

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#### ORIENTATION OF TRANSFER PLATE

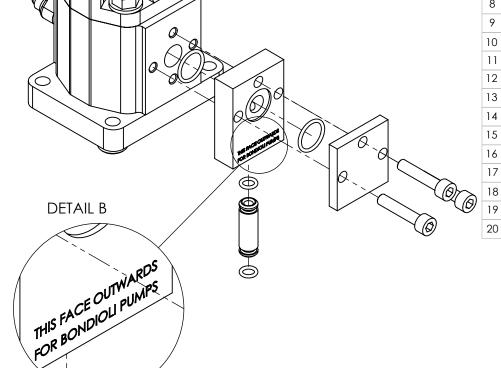
FOR GALTECH GEAR PUMPS, LOOK FOR "GALTECH" USUALLY FOUND ON THE SIDE OF THE BODY



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.

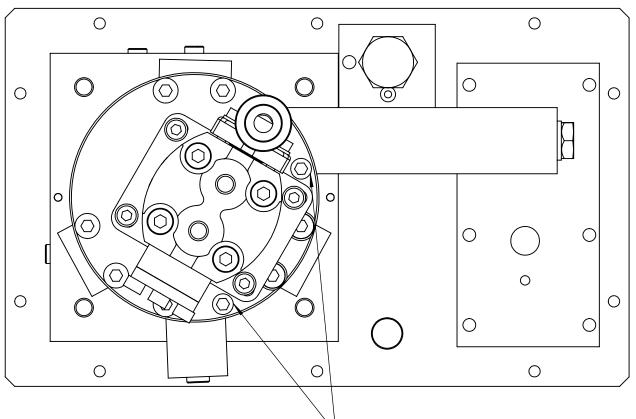
PMA060GZ001

SHT 3 OF 3 SHTS

# REVISION

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### **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.

EMA110UF002

**VERSION** 

SHT 1 OF

15 16 17

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01 1 SHTS

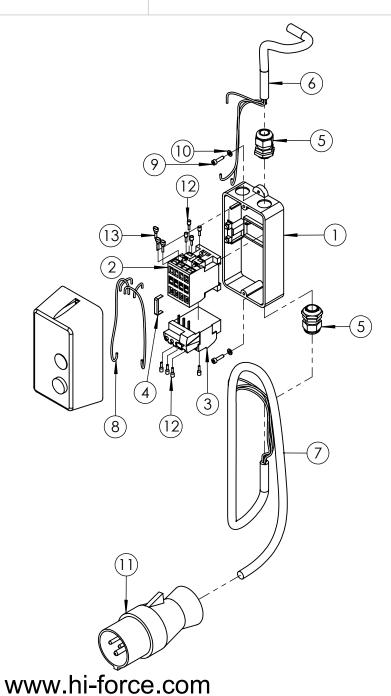
ITEM NO.	PART NUMBER	DESCRIPTION		SPARE PARTS	REVISION
1	EMC000EF001	ENCLOSURE WITH PUSH BUTTONS P1MT	1		<b>1</b> 5717
2	EMC110KF001	CONTACTOR 110 VOLT	1		2
3	EMC230RF001	OVERLOAD RELAY 13-18 AMPS	1		3
4	EMC110XF001	BRIDGING BAR	1		4
5	NUC020LS002	GLAND 6-12MM	2		5
6	3 CEC250CC000 3 CORE CABLE 2.5mm^2 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.



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

SERIAL NUMBERS

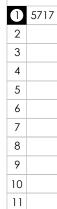
PRODUCT NO.

PMV3L

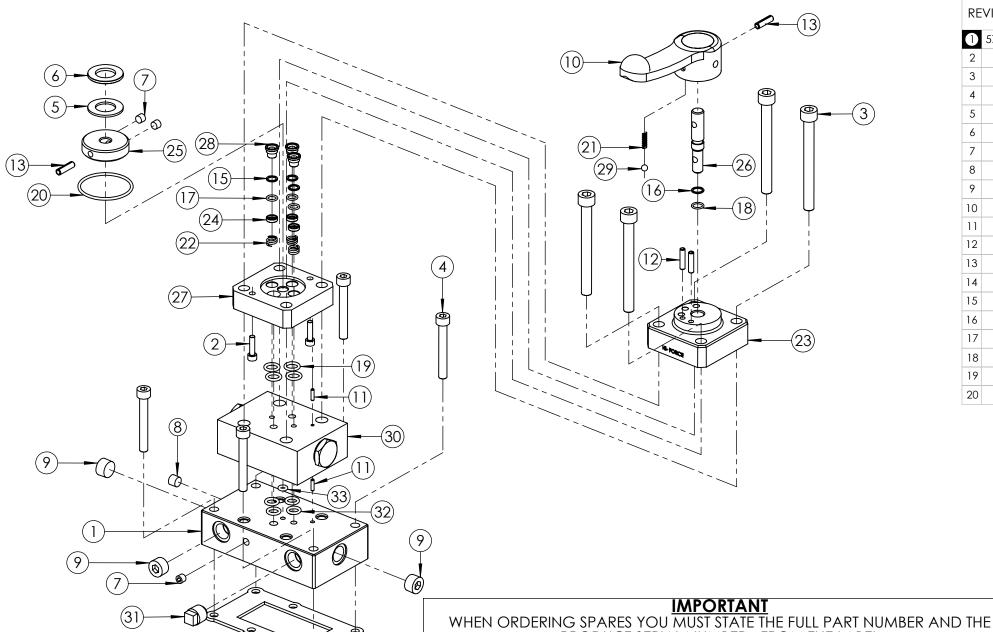
**VERSION** 01

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. VERSION PMV3L 01

SHT 2 OF 2 SHTS

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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.



#### 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
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						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)

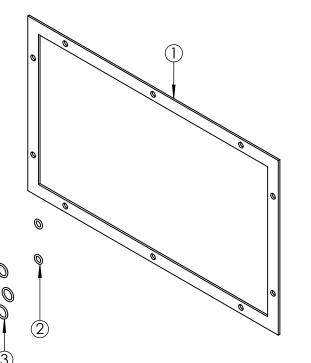
(4)

(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 70	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 70	1	13 14	
	•			15	

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