

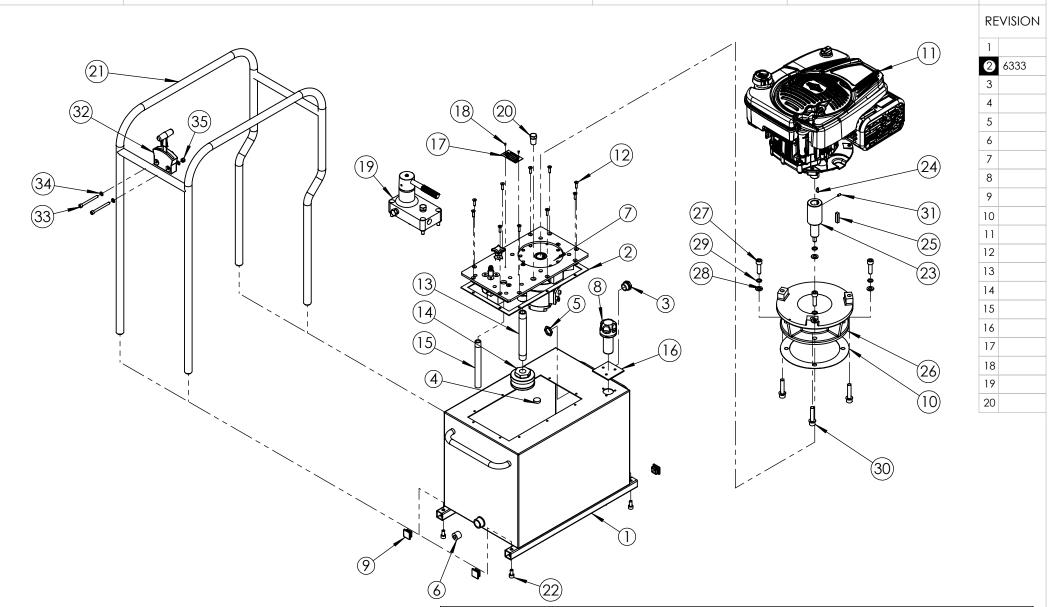
HPP PETROL ENGINE DRIVEN PUMPS

SERIAL NUMBERS

ALL

PRODUCT NO. HPP21024

SHT 1 OF 2 SHTS



<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.

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LIDD DETDOL ENGINE DDIVENI DLIVADO

SERIAL NUMBERS

PART NUMBER

MCC000SB001

PCC004WC001

PCC008KE001

CSC222AS001

BLC010LB035

WAC010AB000

WAC010BZ000

BLC010LB050

FAS005ME010

MCC000PT001

BLC006JD065

WAC006AF000

NUC006JC000

ALL

DESCRIPTION

QUILL SHAFT ADAPTOR

SHAFT KEY

SHAFT KEY

ENGINE FLANGE

M10 x 35 SOCKET CAP HEAD SCREW

M10 ZINC PLATED FLAT WASHER

M10 SPRING WASHER

M10 x 50 SOCKET CAP HEAD SCREW

SOCKET CUP PT SCREW M5 x 10

THROTTLE

M6 X 65 HEX SOCKET CAP HD

SCREW

M6 ZINC WASHER

M6 NYLOK NUT

PRODUCT NO.

SPARE PARTS

SERVICE

PARTS

HPP21024

QTY.

4

7

7

3

2

4

2

SHT 2 OF 2 SHTS

REVISION				
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- ALL PARTS ARE AVAILABLE TO BE ORDERED AS INDIVIDUAL SPARE PARTS (UNLESS MARKED WITH X.)
- ONLY PARTS MARKED WITH ✓ARE AVAILABLE SERVICEABLE PARTS FOUND IN: SERVICE KIT HEP-SK1
- FOR SUB ASSEMBLIES (ITEM NO.S 7 & 19) 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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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	ITEM NO.
1	TAC040AS001	40L TANK	1			23
2	15482	TANK GASKET	1	X	1	24
3	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2			25
4	DCSF00328	DOUBLE SIDED MAGNET	1			26
5	NUC021-B000	1/2" BSP LOCK NUT	2			27
6	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1			28
7	TYPE200-24	200 SERIES PUMP UNIT	1			29
8	FFC028PZ001	FILLER/BREATHER	1			30
9	BPC025KP001	1" SQ RIBBED INSERT BLACK	4			31
10	SEC001KT003	GASKET	1	X	1	32
11	PE1_4.5	PETROL MOTOR	1			33
12	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCREW	10			34
13	FPC013AC002	FEED PIPE	1			35
14	FFC045MZ001	FILTER	1			
15	TAC000PA001	160 mm LONG SUCTION PIPE	1			NO
16	SFC065FA002	BLANKING PLATE	1			- A
17	AAN000UP001	60 x 30 mm UNIVERSAL NAME PLATE	1	X		(UN
18	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	2			- OI
19	PMV2	2 WAY, MANUALLY OPERATED PUMP MOUNTED DIRECTIONAL CONTROL VALVE	1			SER - FC
20	FPC010PN001	3/8 NPT BLANKING PLUG	1			THE
21	15480	ROLL FRAME	1			
22	BLC008KD016	M8 x 16 mm HEX SOCKET CAP HEAD SCREW	4			

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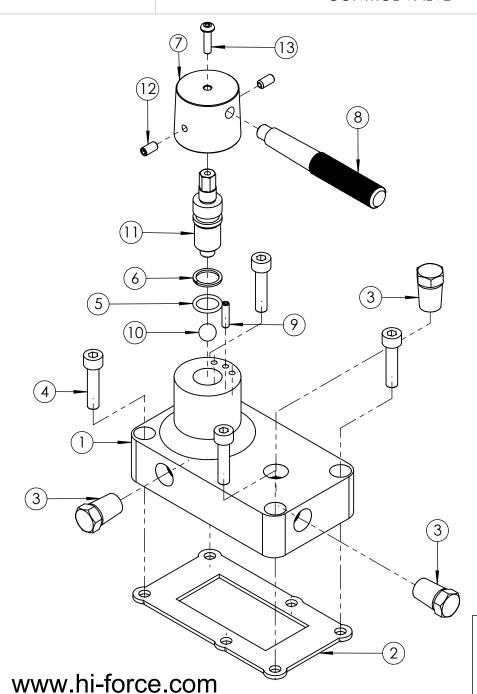


2 WAY, MANUALLY OPERATED PUMP MOUNTED DIRECTIONAL CONTROL VALVE

SERIAL NUMBERS	PRODUCT NO.	VERSION
	PMV2	01

SHT 1 OF

20



TIEM NO. PART NUMBER DESCRIPTION			PMV2	01		1 SHTS	
2 SEC003KT001 VALVE GASKET 1 2 3 FPC010PN001 3/8 NPT BLANKING PLUG 3 3 4 BLC008KD035 M8 x 35 mm HEX SOCKET CAP HEAD SCREW 4 5 5 SEC020RA001 O-RING - I.D. 15.60 mm, C.S. 2.4 mm, NITRILE 70 1 6 6 SEC020BA001 BACK UP RING 1 8 7 HLC046BM001 HANDLE BASE 1 X 9 8 HLC010BM002 PMV2 - HANDLE 1 X 10 9 FAS005MB001 M5 x 20 mm HEX SOCKET CUP PT SCREW 1 13 11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 1 15 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON 1 17 18 19		PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	REVISIO	DΝ
3 FPC010PN001 3/8 NPT BLANKING PLUG 3 4 BLC008KD035 M8 x 35 mm HEX SOCKET CAP HEAD SCREW 5 5 SEC020RA001 O-RING - I.D. 15.60 mm, C.S. 2.4 mm, NITRILE 70 6 6 SEC020BA001 BACK UP RING 1 8 7 HLC046BM001 HANDLE BASE 1 X 9 8 HLC010BM002 PMV2 - HANDLE 1 X 10 9 FAS005MB001 M5 x 20 mm HEX SOCKET CUP PT SCREW 1 1 13 11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 1 15 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 17 18 19	1	VFC010BF014	VALVE MOUNTING BLOCK	1	X	1) 5717	
4 BLC008KD035	2	SEC003KT001	VALVE GASKET	1		2	
4 BLC008KD035 M6 x 33 Hiff HEX 30 CRET CAP 4 5 5 SEC020RA001 O-RING - I.D. 15.60 mm, C.S. 2.4 mm, NITRILE 70 1 6 6 SEC020BA001 BACK UP RING 1 8 7 HLC046BM001 HANDLE BASE 1 X 9 8 HLC010BM002 PMV2 - HANDLE 1 X 10 9 FAS005MB001 M5 x 20 mm HEX SOCKET CUP PT SCREW 1 11 12 10 BAC012SN001 12mm STEEL BALL 1 13 13 11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 2 15 16 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 17 18	3	FPC010PN001	3/8 NPT BLANKING PLUG	3		3	
3 SEC020RA001 mm, NITRILE 70 1 7 6 SEC020BA001 BACK UP RING 1 8 7 HLC046BM001 HANDLE BASE 1 X 9 8 HLC010BM002 PMV2 - HANDLE 1 X 10 9 FAS005MB001 M5 x 20 mm HEX SOCKET CUP PT SCREW 1 11 11 10 BAC012SN001 12mm STEEL BALL 1 13 13 11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 2 15 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 17	4	BLC008KD035		4		•	
6 SEC020BA001 BACK UP RING 1 8 7 HLC046BM001 HANDLE BASE 1 X 9 8 HLC010BM002 PMV2 - HANDLE 1 X 10 9 FAS005MB001 M5 x 20 mm HEX SOCKET CUP PT SCREW 1 11 11 12 10 BAC012SN001 12mm STEEL BALL 1 13 13 11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 2 15 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 17 18 19	5	SEC020RA001		1		-	
7 HLC046BM001 HANDLE BASE 1 X 9 8 HLC010BM002 PMV2 - HANDLE 1 X 10 9 FAS005MB001 M5 x 20 mm HEX SOCKET CUP PT SCREW 1 11 12 10 BAC012SN001 12mm STEEL BALL 1 13 13 11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 2 15 16 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 17 18 19	6	SEC020BA001	BACK UP RING	1		,	
9 FAS005MB001	7	HLC046BM001	HANDLE BASE	1	X		
9 FAS003MB001 SCREW 1 12 10 BAC012SN001 12mm STEEL BALL 1 13 11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 2 15 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 17 18 19	8	HLC010BM002	PMV2 - HANDLE	1	X	10	
11 VFC010DR002 SPINDLE 1 X 14 12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT SCREW 2 15 16 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 17 18 19 19 14 19 19 10 14 10	9	FAS005MB001		1			
12 FAS006MB012 M6 x 12 mm HEX SOCKET CUP PT 2 15 16 16 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON 1 17 18 19	10	BAC012SN001	12mm STEEL BALL	1		13	
12 FAS006MB012 M6 x 12 min flex 30 cker coll 11 2 13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON HEAD SCREW 1 18 19	11	VFC010DR002	SPINDLE	1	X	14	
13 BLC005HH020 M5 x 20 mm HEX SOCKET BUTTON 1 17 18 19	12	FAS006MB012		2			
18	13	BLC005HH020	M5 x 20 mm HEX SOCKET BUTTON	1		17	
				1	1		

NOTE:

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

IMPORTANT

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SERIAL NUMBERS

PRODUCT NO. TYPE200-24

SHT 1 OF 2 SHTS

REVISION

1 5717

2 5866 3 5939

3 5939

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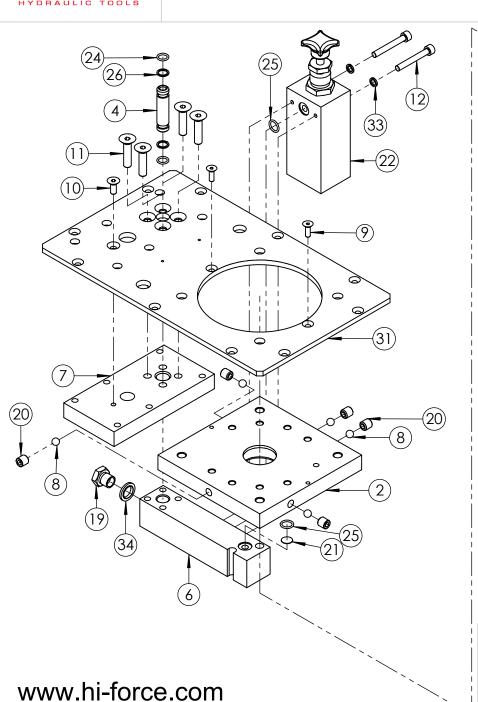
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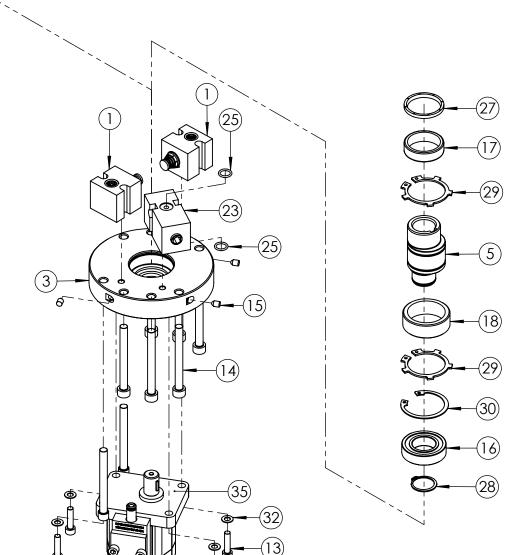
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200 SERIES PUMP UNIT

SERIAL NUMBERS PRODUCT NO. TYPE200-24

SHT 2 OF 2 SHTS

16

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18 19

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICI 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)	
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	2			11	
		(SQUARE SECTION)				12	
34	WAC007HD000	1/4" BSP SELF CENTERING BONDED WASHER	1			13	
35	PMA048GZ001	GP48 GEAR PUMP ASSEMBLY	1			14	
				I.		15	

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.

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