Hi-Force

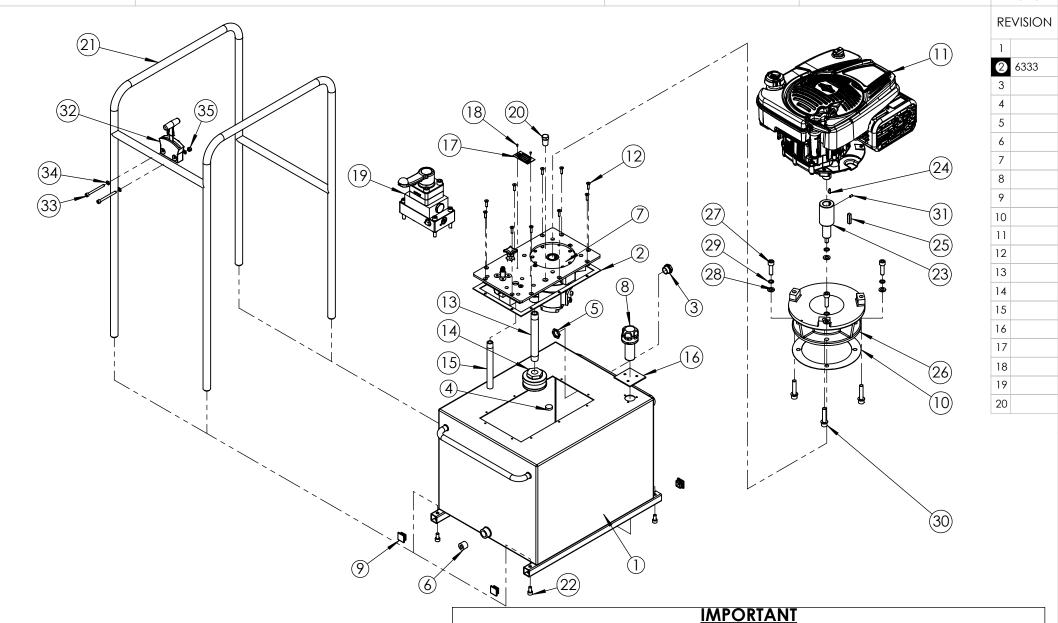
HPP PETROL ENGINE DRIVEN PUMPS

SERIAL NUMBERS

ALL

PRODUCT NO. HPP21036

SHT 1 OF 2 SHTS



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.

~ ~ ~ ~	i-Force	HPP PETROL ENGINE DR	RIVEN	PUMP	S
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS
1	TAC060AA001	60 LITRE TANK	1		
2	15482	TANK GASKET	1	X	√
3	BLC021YT010	SIGHT GLASS HGF.13 BLACK OIL LEVEL INDICATOR	2		
4	DCSF00328	DOUBLE SIDED MAGNET	1		
5	NUC021-B000	1/2" BSP LOCK NUT	2		
6	FPC013PC001	1/2" BSP PLUG - HEX SOCKET	1		
7	TYPE200-24	200 SERIES PUMP UNIT	1		
8	FFC028PZ001	FILLER/BREATHER	1		
9	BPC025KP001	1" SQ RIBBED INSERT BLACK	4		
10	SEC001KT003	GASKET	1	X	√
11	PE1_4.5	PETROL MOTOR	1		
12	BLC005HF020	M5 x 20 mm HEX SOCKET COUNTERSUNK SCREW	10		
13	FPC013AC002	FEED PIPE	1		
14	FFC045MZ001	FILTER	1		
15	TAC000PA001	160 mm LONG SUCTION PIPE	1		
16	SFC065FA002	BLANKING PLATE	1		
17	AAN000UP001	60 x 30 mm UNIVERSAL NAME PLATE	1	X	
18	FAS002HZ001	NO.4 x 3/16 HAMMER DRIVE SCREW	2		
19	PMV3L	3 WAY, MANUALLY OPERATED, PUMP MOUNTED DIRECTIONAL CONTROL VALVE (WITH LOAD HOLDING)	1		
				T	

3/8 NPT BLANKING PLUG

ROLL FRAME

M8 x 16 mm HEX SOCKET CAP HEAD

SCREW

SERIAL NUMBERS	PRO	ODUCT N	0.	
ALL	HPF	21036		SHT 2 OF 2 SHTS
DESCRIPTION	QTY.	SPARE PARTS	SERVICE PARTS	REVISION

2 6333

٦.	17 IKT TYOTVIDEK	DESCRIPTION	QII.	PARTS	PARTS
	MCC000SB001	QUILL SHAFT ADAPTOR	1		
	PCC004WC001	SHAFT KEY	1		
	PCC008KE001	SHAFT KEY	1		
	CSC222AS001	ENGINE FLANGE	1		
	BLC010LB035	M10 x 35 SOCKET CAP HEAD SCREW	4		
	WAC010AB000	M10 ZINC PLATED FLAT WASHER	7		
	WAC010BZ000	M10 SPRING WASHER	7		
	BLC010LB050	M10 x 50 SOCKET CAP HEAD SCREW	3		
	FAS005ME010	SOCKET CUP PT SCREW M5 x 10	1		
	MCC000PT001	THROTTLE	1		
	BLC006JD065	M6 X 65 HEX SOCKET CAP HD SCREW	2		
	WAC006AF000	M6 ZINC WASHER	4		
	NNC0067C000	M6 NYLOK NUT	2		

NOTE:

ITEM NO. PART NUMBER

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

www.hi-force.com

FPC010PN001

TAC060CS003

BLC008KD016

Hi-Force HYDRAULIC TOOLS

www.hi-force.com

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

SERIAL NUMBERS

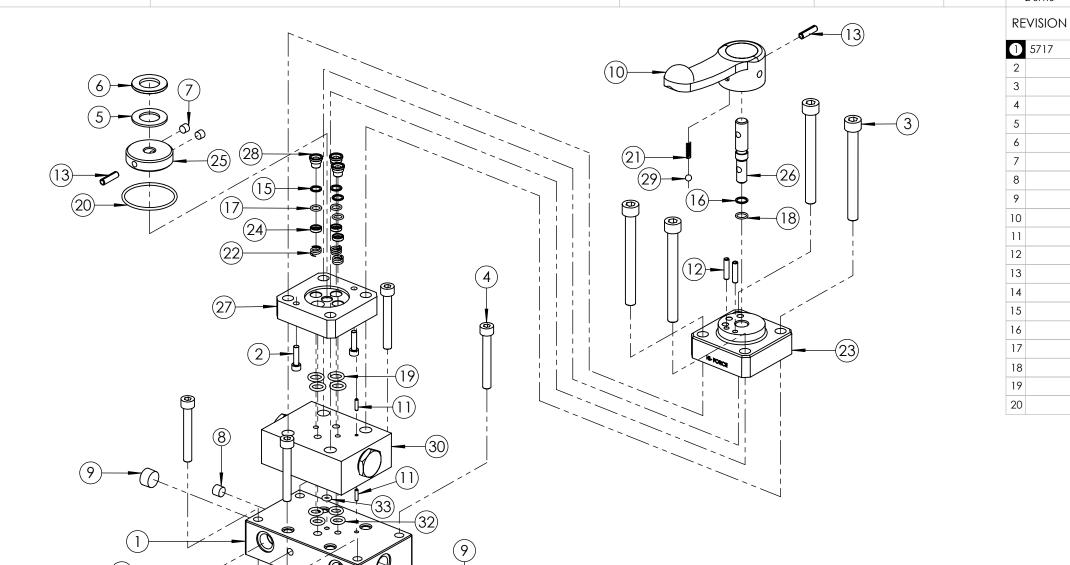
PRODUCT NO.

PMV3L

VERSION

01

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.



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

SERIAL NUMBERS	PRODUCT NO.	VERSION
	PMV3L	01

SHT 2 OF 2 SHTS

13 14

15

16 17

18

19

20

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	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		1
16	SEC012BA002	BACK UP RING	1		1
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		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		✓	8
33	SEC010RF002	O-RING - I.D. 4.42 mm, C.S. 2.62 mm, NITRILE 70	1		✓	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.

www.hi-force.com

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

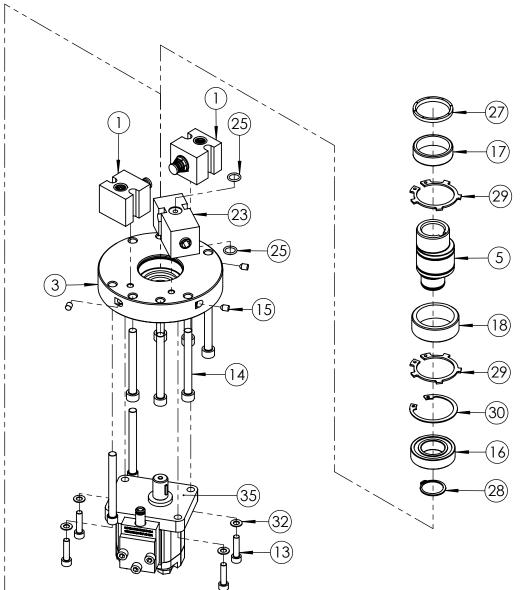
9

10

12

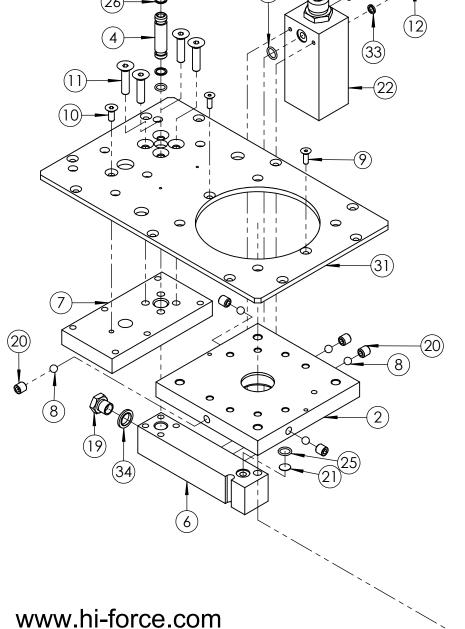
18





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

16

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		✓

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