

# ACCESSORIES



## HIRSCH HYDRAULIC SERVICES



Unit 15, South Cape Industrial Park, 19 Leo Road, Diep River, Cape Town 7800


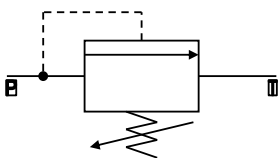

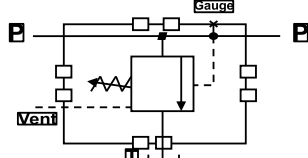


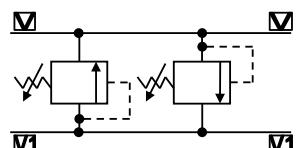

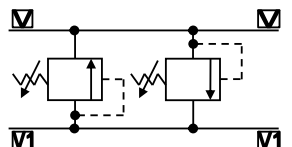
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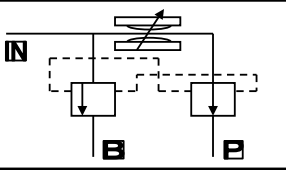

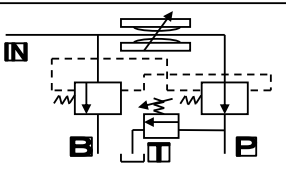

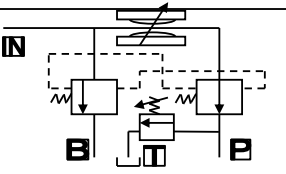



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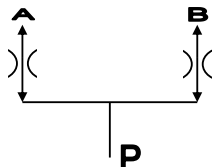

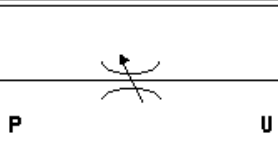

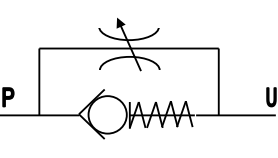

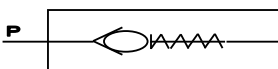

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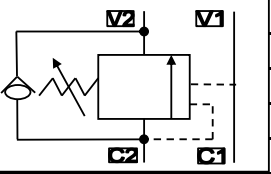

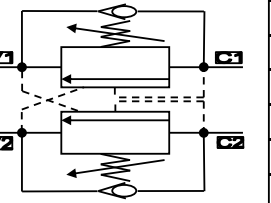

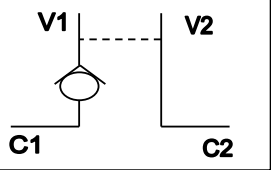

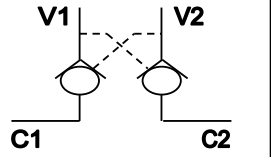

Email: [sales@hirschyd.co.za](mailto:sales@hirschyd.co.za)

[www.hirschhydraulics.co.za](http://www.hirschhydraulics.co.za)

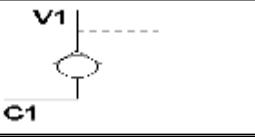

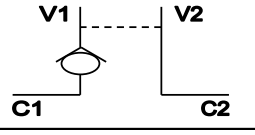

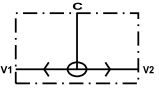

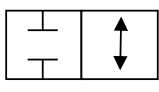

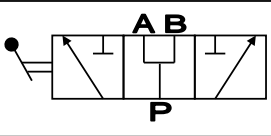

Part Number	HYDRAULIC PRESSURE CONTROL VALVES			RETAIL:
<b>13-04-2023</b>				
<b><u>RELIEF VALVES DIRECT ACTING</u></b>				
63H-V01200006	VMP 3/8"	3/8" BSPP THREADS	45 LITRE INLET	
63H-V01200008	VMP 1/2"	1/2" BSPP THREADS	70 LITRE INLET	
63H-V01200012	VMP 3/4"	3/4" BSPP THREADS	120 LITRE INLET	
63H-V01203516	VMPP 1"	1" BSPP THREADS	180 LITRE INLET	
<b>3 PORT BLOCK TYPE IN-LINE RELIEF VALVES ( P + P + T )</b>				
<b>MAXIMUM OPERATING PRESSURE: 350 BAR</b>				
<b>MATERIAL: STEEL</b>				
				
<b><u>RELIEF VALVES PILOT OPERATED BALANCED PISTON TYPE</u></b>				
63H-RVT-04330	RB - T04 - C	1/2" NPT THREADS	80 LITRE INLET	
63H-RVT-06330	RB - T06 - C	3/4" NPT THREADS	175 LITRE INLET	
63H-RVT-10330	RB - T10 - C	1 1/4" NPT THREADS	454 LITRE INLET	
63H-RMT-02-C	RM - T02 - C	1/4" NPT THREADS	PANEL MOUNT REMOTE CONTROL RELIEF	
<b>3 PORT BLOCK TYPE IN-LINE RELIEF VALVES ( P + P + T )</b>				
<b>OPTIONAL VENT AND GAUGE PORT</b>				
<b>MAXIMUM OPERATING PRESSURE: 210 BAR</b>				
<b>MATERIAL: CAST IRON</b>				
				
				
<b><u>RELIEF VALVE DUAL CROSS OVER</u></b>				
63H-V05900440	VAU / DE 3/8'	3/8" BSPP THREADS	45 LITRE INLET	
63H-V05900450	VAU / DE 1/2'	1/2" BSPP THREADS	70 LITRE INLET	
63H-V05900460	VAU / DE 3/4'	3/4" BSPP THREADS	120 LITRE INLET	
<b>DUAL ACTING RELIEFS, INLINE TYPE</b>				
<b>MAXIMUM OPERATING PRESSURE: 300 BAR</b>				
<b>MATERIAL: STEEL</b>				
				
<b><u>RELIEF VALVE DUAL CROSS PORT TYPE BMR / OMR MOTOR</u></b>				
63H-V05900500	<b>VAU/DE1/2"CP/R BMR MOTOR CROSS OVER PORT RELIEF</b>			
<b>DUAL ACTING RELIEFS, INLINE TYPE</b>				
<b>MAXIMUM OPERATING PRESSURE: 250 BAR</b>				
<b>MATERIAL: STEEL</b>				
				
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>				
				<b>PAGE D 1</b>

Part Number	<b>HYDRAULIC FLOW CONTROL VALVES</b>			RETAIL:
	<b><u>PRIORITY FLOW DIVIDER ADJUSTABLE</u></b>			<b>15-02-2023</b>
63H-V62150320	RF40/P	1/2" BSPP THREADS	40 LITRE INLET	
63H-V62150322	RF70/P	3/4" BSPP THREADS	70 LITRE INLET	
3 PORT BLOCK TYPE WITH ADJUSTABLE KNOB				
MAXIMUM OPERATING PRESSURE 250 BAR				
MATERIAL: CAST IRON				
				
<b><u>PRIORITY FLOW DIVIDER ADJUSTABLE WITH RELIEF VALVE</u></b>				
63H-V62150323	RF70/PV	3/4" BSPP THREADS	70 LITRE INLET	
3 PORT BLOCK TYPE WITH ADJUSTABLE KNOB				
MAXIMUM OPERATING PRESSURE: 250 BAR				
MATERIAL: CAST IRON				
				
<b><u>FLOW CONTROL ADJUSTABLE, PRESSURE COMPENSATED WITH RELIEF ON P PORT</u></b>				
70H-LKF-60	LKF-60	1/2 NPT THREADS	60 LITRE INLET	
70H-LKF-114	LKF-114	3/4 NPT THREADS	114 LITRE INLET	
3 PORT BLOCK TYPE: IN, CF, AND EX, THE EX PORT CAN ALSO BE PRESSURISED				
FLOW ADJUSTABLE LEVER				
MAXIMUM OPERATING PRESSURE : 210 BAR				
RELIEVES THROUGH THE EX PORT				
MATERIAL: CAST IRON				
				
<b><u>FLOW CONTROL ADJUSTABLE, PRESSURE COMPENSATED VALVE</u></b>				
63H-VSG523-2C	VRFU90-C 020	3/8" REGULATED FLOW 17 LITRES		
63H-VSG523-3C	VRFU90-C 030	1/2" REGULATED FLOW 28 LITRES		
				
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>				<b>PAGE D 2</b>

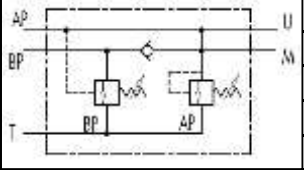

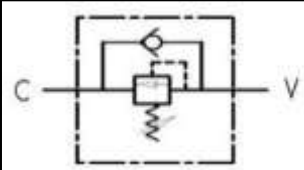

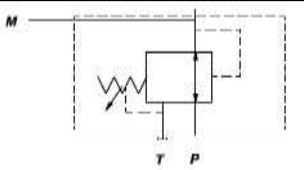

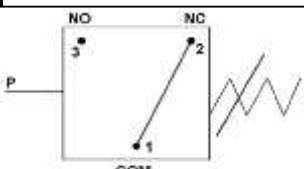

Part Number	HYDRAULIC FLOW CONTROL VALVES				RETAIL:
	<u>FLOW DIVIDER 50 / 50 SPLIT</u>				15-02-2023
63H-V36150316	VEQ-25	1/2" BSPP THREADS	INLET 25 / 40 LITRES		
63H-V36150317	VEQ-30	1/2" BSPP THREADS	INLET 40 / 60 LITRES		
MAXIMUM OPERATING PRESSURE 250 BAR					
MATERIAL: CAST IRON					
					
<u>FLOW RESTRICTOR ADJUSTABLE (NEEDLE TYPE)</u>					
63H-VSG5221	VRFB 04 1/4"	1/4" BSPP THREADS	15 LITRE INLET		
63H-VSG5222	VRFB 06 3/8"	3/8" BSPP THREADS	30 LITRE INLET		
63H-VSG5223	VRFB 08 1/2"	1/2" BSPP THREADS	45 LITRE INLET		
63H-VSG5224	VRFB 12 3/4"	3/4" BSPP THREADS	80 LITRE INLET		
MAXIMUM OPERATING PRESSURE 350 BAR					
RESTRICTED BOTH WAYS					
MATERIAL: STEEL					
					
<u>FLOW RESTRICTOR ADJUSTABLE (NEEDLE TYPE + CHECK)</u>					
63H-VSG5211	VRFU 04 1/4"	1/4" BSPP THREADS	15 LITRE INLET		
63H-VSG5212	VRFU 06 3/8"	3/8" BSPP THREADS	30 LITRE INLET		
63H-VSG5213	VRFU 08 1/2"	1/2" BSPP THREADS	45 LITRE INLET		
63H-VSG5214	VRFU 12 3/4"	3/4" BSPP THREADS	80 LITRE INLET		
MAXIMUM OPERATING PRESSURE 350 BAR					
CHECKED ONE WAY FREE FLOW OTHER					
MATERIAL: STEEL					
					
<u>FLOW CHECK VALVE</u>					
63H-VSG303C1	VUR 010 1/4"	1/4" BSPP THREADS	25 LITRE FLOW	0,5 BAR CRACKING	
63H-VSG303C2	VUR 020 3/8"	3/8" BSPP THREADS	40 LITRE FLOW	0,5 BAR CRACKING	
63H-VSG303C3	VUR 030 1/2"	1/2" BSPP THREADS	80 LITRE FLOW	0,5 BAR CRACKING	
63H-VSG303C4	VUR 040 3/4"	3/4" BSPP THREADS	110 LITRE FLOW	0,5 BAR CRACKING	
63H-VSG303C5	VUR 050 1"	1" BSPP THREADS	140 LITRE FLOW	0,5 BAR CRACKING	
63H-VSG303C6	VUR 060 1 1/4"	1 1/4" BSPP THREADS	200 LITRE FLOW	0,5 BAR CRACKING	
63H-VSG303C7	VUR 070 1 1/2"	1 1/2" BSPP THREADS	300 LITRE FLOW	0,5 BAR CRACKING	
63H-VSG303C54	VUR 050 16-1"	1" BSPP THREADS	150 LITRE FLOW	5 BAR CRACKING	
MAXIMUM OPERATING PRESSURE 320 BAR					
CHECKED ONE WAY FREE FLOW OTHER					
MATERIAL: STEEL					
					
PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY					PAGE D 3

Part Number	HYDRAULIC LOAD HOLDING VALVES			RETAIL:
				15-02-2023
	<b>OVERCENTRE VALVE SINGLE ACTING</b>			
63H-V2190A600	VBCD/A 06 SE	3/8" BSPP THREADS	35 LITRE INLET	
63H-V2190A800	VBCD/A 08 SE	1/2" BSPP THREADS	70 LITRE INLET	
63H-V2190A120	VBCD/A 12 SE	3/4" BSPP THREADS	90 LITRE INLET	
	SINGLE ACTING: 4 PORTED A + B ; C1 + C2:			
	MAXIMUM OPERATING PRESSURE: 250 BAR			
	MATERIAL: STEEL			
				
	<b>OVERCENTRE VALVE DOUBLE ACTING</b>			
63H-V2290A600	VBCD/A 06 DE	3/8" BSPP THREADS	35 LITRE INLET	
63H-V2290A800	VBCD/A 08 DE	1/2" BSPP THREADS	70 LITRE INLET	
63H-V2290A120	VBCD/A 12 DE	3/4" BSPP THREADS	90 LITRE INLET	
	DOUBLE ACTING: 4 PORTED A + B ; C1 + C2:			
	MAXIMUM OPERATING PRESSURE: 250 BAR			
	MATERIAL: STEEL			
				
	<b>CHECK VALVE PILOT OPERATED SINGLE ACTING</b>			
63H-VSG31104	VRSE-F 010 FF	1/4"		
63H-VSG31106	VRSE-F 015 FF	3/8" BSPP THREADS	30 LITRE INLET	
63H-VSG31108	VRSE-F 025 FF	1/2" BSPP THREADS	50 LITRE INLET	
	MAXIMUM OPERATING PRESSURE 350 BAR, PILOT RATIO 1:4 OPENING PRESSURE 0,5 bar			
	MATERIAL: STEEL			
				
	<b>CHECK VALVE PILOT OPERATED DOUBLE ACTING</b>			
63H-VSG312F04	VRDE-F 010 FF	1/4" BSPP THREADS	30 LITRE INLET	
63H-VSG312F06	VRDE-F 015 FF	3/8" BSPP THREADS	30 LITRE INLET	
63H-VSG312F08	VRDE-F 025 FF	1/2" BSPP THREADS	50 LITRE INLET	
	MAXIMUM OPERATING PRESSURE 350 BAR, PILOT RATIO 1:4 OPENING PRESSURE 0,5 bar			
	4 PORTS MATERIAL: STEEL			
				
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY			PAGE D 4







Part Number	HYDRAULIC LOAD HOLDING VALVES				RETAIL:
					15-02-2023
	<u>CHECK VALVE PILOT OPERATED SINGLE ACTING</u>				
63H-VSG34106	VBPS 020	3/8" BSPP THREADS	35 LITRE INLET	320 BAR	
63H-VSG34108	VBPS 030	1/2" BSPP THREADS	45 LITRE INLET	300 BAR	
63H-VSG34112	VBPS 040	3/4" BSPP THREADS	80 LITRE INLET	250 BAR	
63H-VSG34116	VBPS 050	1" BSPP THREADS	120 LITRE INLET	250 BAR	
	MAXIMUM OPERATING PRESSURE 350 BAR, PILOT RATIO 1:4 OPENING PRESSURE 0,5 bar 3 PORTS				
	MATERIAL: STEEL				
					
	<u>CHECK VALVE PILOT OPERATED S/A WITH MANUAL LOCK</u>				
63H-VSG33106	VRPSE 015-FL	LEFT HAND TYPE	3/8" BSPP THREADS	30 LITRE INLET	
63H-VSG33206	VRPSE 015-FR	RIGHT HAND TYPE	3/8" BSPP THREADS	30 LITRE INLET	
	MAXIMUM OPERATING PRESSURE: 350 BAR PILOT RATIO 1:4,5 OPENING PRESSURE 0,5 bar				
	MATERIAL: STEEL				
					
	<u>SHUTTLE VALVE</u>				
63H-VSG3901	VU/SF 010	1/4" BSPP THREADS	500 BAR		
	MATERIAL: STEEL				
					
	<u>HIGH PRESSURE BALL VALVE 2 WAY</u>				
63H-EHV14-G	EHV DN 6	1/4" BSPP THREADS	500 BAR		
63H-EHV38-G	EHV DN 10	3/8" BSPP THREADS	500 BAR		
63H-EHV12-G	EHV DN 13	1/2" BSPP THREADS	500 BAR		
63H-EHV34-G	EHV DN 20	3/4" BSPP THREADS	315 BAR		
63H-EHV10-G	EHV DN 25	1" BSPP THREADS	315 BAR		
63H-EHV114-G	EHV DN 32	1-1/4" BSPP THREADS	315 BAR		
	MATERIAL: STEEL				
					
	<u>HIGH PRESSURE BALL VALVE 3 WAY OPEN CENTRE</u>				
63H-EHVL38-G	EHVL DN 10	3/8" BSPP THREADS	500 BAR		
63H-EHVL12-G	EHVL DN 13	1/2" BSPP THREADS	500 BAR		
63H-EHVL34-G	EHVL DN 20	3/4" BSPP THREADS	315 BAR		
	MATERIAL: STEEL				
					
PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY					PAGE D 5

Part Number	<b>HYDRAULIC DIVERTERS VALVES</b>				RETAIL:
					<b>15-02-2023</b>
	<b><u>DIVERTER VALVE THREE WAY OPEN CENTRE</u></b>				
63H-V70367A06	DDF3-A 020	3/8" BSPP THREADS	60 LITRE FLOW		
63H-V70367A08	DDF3-A 030	1/2" BSPP THREADS	90 LITRE FLOW		
63H-V70367A012	DDF3-A 040	3/4" BSPP THREADS	120 LITRE FLOW		
63H-V70367A016	DDF3-A 050	1" BSPP THREADS	180 LITRE FLOW		
63H-V70367A024	DDF3-A 070	1 1/2" BSPP THREADS	280 LITRE FLOW		
	<b>MAXIMUM OPERATING PRESSURE: 280 BAR</b>				
	<b>MATERIAL: CAST IRON</b>				
	<b><u>DIVERTER VALVE FOUR WAY OPEN CENTRE</u></b>				
63H-V70467A06	IDF4-A 020	3/8" BSPP THREADS	35 LITRE FLOW		
63H-V70467A08	IDF4-A 030	1/2" BSPP THREADS	50 LITRE FLOW		
63H-V70467A012	IDF4-A 040	3/4" BSPP THREADS	90 LITRE FLOW		
	<b>MAXIMUM OPERATING PRESSURE: 280 BAR</b>				
	<b>MATERIAL: CAST IRON</b>				
	<b><u>DIVERTER VALVE SIX WAY OPEN CENTRE</u></b>				
63H-V70667A08	DDF6-A 030	1/2" BSPP THREADS	90 LITRE FLOW		
63H-V70667A012	DDF6-A 040	3/4" BSPP THREADS	120 LITRE FLOW		
63H-V70667A016	DDF6-A 050	1" BSPP THREADS	180 LITRE FLOW		
	<b>MAXIMUM OPERATING PRESSURE: 280 BAR</b>				
	<b>MATERIAL: CAST IRON</b>				
	<b><u>DIVERTER VALVE TWO WAY 6 PORT SOLENOID OPERATED</u></b>				
63H-ELVSF240112	VS241/F1	3/8" BSPP THREADS	50 LITRE FLOW	12 VOLTS	
63H-ELVSF280112	VS281/F1	1/2" BSPP THREADS	90 LITRE FLOW	12 VOLTS	
	<b>MAXIMUM OPERATING PRESSURE: 310 BAR</b>				
	<b>STACKABLE UP TO 5 BODIES</b>				
	<b>MATERIAL: CAST IRON</b>				
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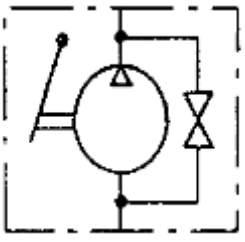


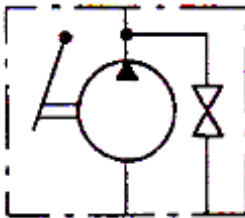


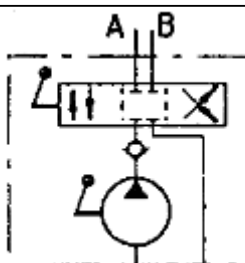


Part Number	<b>PRESSURE CONTROLLED VALVES</b>		RETAIL:
			15-02-2023
	<b><u>PRESSURE HI - LOW UNLOADING VALVE</u></b>		
63H-V12900513	VABP 1/2" BD 80 LITER MAX FLOW PORTS INLET 1/2" BSPP & 3/4" BSPP TANK		
63H-V12900514	VABP 3/4" BD 100 LITER MAX FLOW PORTS INLET 3/4" BSPP & 1" BSPP TANK		
	<b>MAX. OPERATING HIGH PRESSURE; PORT (AP) 50 : 350 Bar</b>		
	<b>MAX. OPERATING LOW PRESSURE; PORT (BP) 20 : 80 Bar</b>		
	<b>5 PORTS MATERIAL: STEEL</b>		
			
	<b><u>PRESSURE SEQUENCE VALVE</u></b>		
63H-V13900640	VS2C 3/8" 3/8" BSPP THREADS 35 LITRE INLET		
63H-V13900660	VS2C 1/2" 1/2" BSPP THREADS 70 LITRE INLET		
63H-V13900665	VS2C 3/4" 3/4" BSPP THREADS 100 LITRE INLET		
	<b>MAX. OPERATING PRESSURE RANGE: 10 : 180 BAR</b>		
	<b>MAX. OPERATING PRESSURE: 350 BAR</b>		
	<b>MATERIAL: STEEL</b>		
			
	<b><u>PRESSURE REDUCING VALVE</u></b>		
63H-V1190-07040	VRP 3/8" - A PRESSURE REDUCING VALVE PRESSURE RANGE 15 : 55 Bar 30 LITRES		
			
	<b><u>PRESSURE SWITCH</u></b>		
63H-60-P-02	P - 02 SPRING LOADED PISTON TYPE		
	<b>RANGE 10 - 400 bar ( diff % 15-20bar @ 400bar )</b>		
	<b>AC 110 - 250 ; DC 24V ; Thread 1/4" BSPP</b>		
			
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>			<b>PAGE D 7</b>



Part Number	HYDRAULIC COMPONENTS				RETAIL:
	<u>END - STROKE VALVE</u>				15-02-2023
63H-V70900826	FCR-1T 80-NA12	NORMALLY OPEN	1/2" BSPP THREADS		
63H-V70900822	FCR-2T 80-NC12	NORMALLY CLOSED	1/2" BSPP THREADS		
					
	<u>SOLENOID OPERATED RELIEF VALVE</u>				
63H-BST061PN3D	BST- UNLOADING VALVE AVAILABLE IN 12 & 24 VOLT DC				
	MAXIMUM OPERATING PRESSURE: 250 BAR				
	FLOW RATE : 200 LITRES PER MINUTE				
	PORTS: 3/4" NPT				
					
	<u>PUMP PORT ADAPTOR FLANGES 90° DIAMOND 3 BOLT (EU TYPE)</u>				
63H-AFRG030060	RG 30 / 13.5	3/8" BSPP THREADS	PCD 30mm	13.5mm DIA PORT	
63H-AFRG030080	RG 30 / 13.5	1/2" BSPP THREADS	PCD 30mm	13.5mm DIA PORT	
63H-AFRG040080	RG 40 / 20.0	1/2" BSPP THREADS	PCD 40mm	20.0mm DIA PORT	
63H-AFRG040120	RG 40 / 20.0	3/4" BSPP THREADS	PCD 40mm	20.0mm DIA PORT	
63H-AFRG051120	RG 51 / 27.0	3/4" BSPP THREADS	PCD 51mm	27.0mm DIA PORT	
63H-AFRG051160	RG 51 / 27.0	1" BSPP THREADS	PCD 51mm	27.0mm DIA PORT	
	<u>PUMP PORT ADAPTOR FLANGES 90° SQUARE 4 BOLT (BOSCH TYPE)</u>				
63H-AFRGB35080	RGB 35 / 08	1/2" BSPP THREADS	PCD 35mm	15mm BOSCH	
63H-AFRGB40120	RGB 40 / 12	3/4" BSPP THREADS	PCD 40mm	20mm BOSCH	
63H-AFRGB55160	RGB 55 / 16	1" BSPP THREADS	PCD 55mm	26mm BOSCH	
	<u>DESCENT CONTROL VALVE</u>				
63H-VCG50520A0	VALVE	VSC 020 - A 3	3/8" BSPP THREADS	350 Bar	2 LITRE FLOW CONTROL
63H-VCG506200	ADAPTOR	CMFXVSC 020	3/8" BSPP THREADS	MALE & FEMALE	
	<u>BURST VALVE</u>				
63H-VCG3902015	VUBA 020	3/8" Thread	45 l/min	350 bar	
63H-VCG3903018	VUBA 030	1/2" Thread	70 l/min	350 bar	
63H-VCG3904022	VUBA 040	3/4" Thread	140 l/min	350 bar	
63H-VCG3912	ADAPTOR	CMFX VUMBA-020	3/8" BSPP THREADS	MALE & FEMALE	
63H-VCG3913	ADAPTOR	CMFX VUMBA-030	1/2" BSPP THREADS	MALE & FEMALE	
63H-VCG3914	ADAPTOR	CMFX VUMBA-040	3/4" BSPP THREADS	MALE & FEMALE	
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>					<b>PAGE D 8</b>

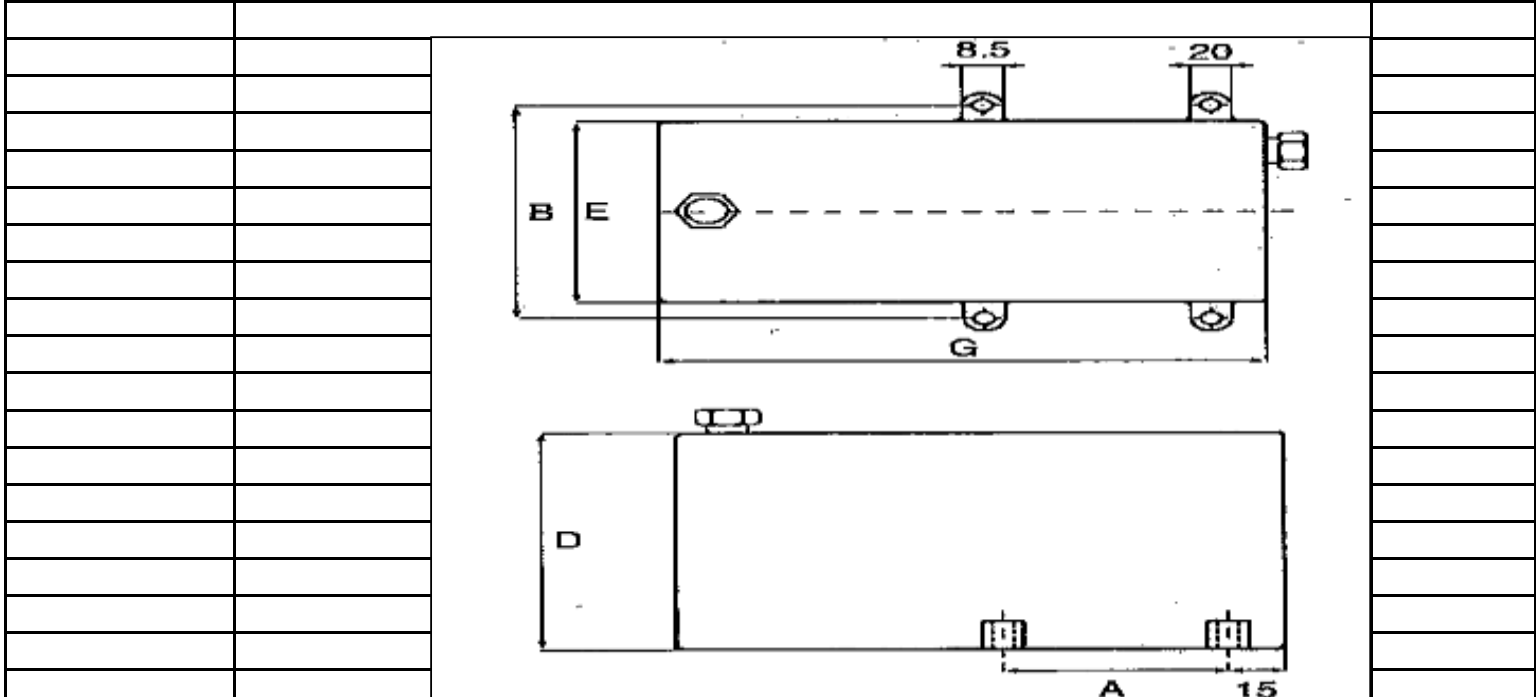
Part Number	<b>TRACTOR STEP - UP GEAR BOXES</b>		RETAIL:
	<u><b>P.T.O. GEAR BOXES FEMALE DRIVE 12 Kw</b></u>		<b>15-02-2023</b>
	<u><b>GROUP 2 PUMP</b></u>		
63H-BM60002050	GBML32-2- F-1/3,5 DRIVE FEMALE 1"3/8		
63H-BF31000800	SPLINE ADAPTOR Z=14 BF2T GROUP 2 PUMP		
	RATIO : 1 / 3,5 P.T.O. SPEED 540 rpm 12 Kw		
	COMMON ROTATION C/W VIEWED FROM		
	BACK OF TRACTOR. MATERIAL: ALUMINIUM		
	<u><b>P.T.O. GEAR BOXES FEMALE DRIVE 20Kw</b></u>		
	<u><b>GROUP 3 &amp; 2 PUMP</b></u>		
63H-BM70002050	GBML 52 - F - 1/3.4 DRIVE FEMALE 1"3/8		
63H-BF31003500	SPLINE ADAPTOR Z=18 BF3 GROUP 3 PUMP		
63H-BF31004000	SPLINE ADAPTOR Z=18 BF3/2T GROUP 2 PUMP		
	RATIO : 1 / 3,4 P.T.O. SPEED 540 rpm 20 Kw		
	COMMON ROTATION C/W VIEWED FROM		
	BACK OF TRACTOR . MATERIAL: ALUMINIUM		
	<u><b>P.T.O. GEAR BOXES MALE DRIVE 20Kw</b></u>		
	<u><b>GROUP 3 &amp; 2 PUMP</b></u>		
63H-BM70001040	GBML 52 - M - 1/3 DRIVE FEMALE 1"3/8		
63H-BF31003500	SPLINE ADAPTOR Z=18 BF3 GROUP 3 PUMP		
63H-BF31004000	SPLINE ADAPTOR Z=18 BF3/2T GROUP 2 PUMP		
	RATIO : 1 / 3 P.T.O. SPEED 540 rpm 20 Kw		
	COMMON ROTATION C/W VIEWED FROM		
	BACK OF TRACTOR . MATERIAL: ALUMINIUM		
	<u><b>P.T.O. GEAR BOXES MALE / FEMALE THROUGH DRIVE 20Kw</b></u>		
	<u><b>GROUP 3 &amp; 2 PUMP</b></u>		
63H-BM12390003	GBML 52/B - 8 - 1/3 THROUGH DRIVE FEMALE / MALE 1"3/8		
63H-BF31003500	SPLINE ADAPTOR Z=18 BF3 GROUP 3 PUMP		
63H-BF31004000	SPLINE ADAPTOR Z=18 BF3/2T GROUP 2 PUMP		
	RATIO : 1 / 3 P.T.O. SPEED 540 rpm 20 Kw		
	COMMON ROTATION C/W VIEWED FROM		
	BACK OF TRACTOR . MATERIAL: ALUMINIUM		
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>			<b>PAGE D 9</b>

<u>Part Number</u>	<b>PUMP OUTBOARD BEARING SUPPORT</b>		RETAIL:
			15-02-2023
	<b><u>GROUP 2 OUTBOARD BEARING SUPPORT</u></b>		
63H-BU12020001	STSU / 2 C 18 mm SHAFT		
63H-BF31000800	SPLINE ADAPTOR BF2Tz 14 TOOTH GROUP 2		
	18 mm PARALLEL KEY SHAFT SPIGOT 36.5mm		
	MOUNTING 4 BOLT 71.4 mm X 96mm		
	LOAD 1300 N @ 2000 RPM distance (X) 40 mm		
	TO TAKE GROUP 2 PUMP / MOTOR 1 : 8 TAPER 36.5mm SPIGOT		
63H-BU12020007	STSUR / 2 C 22 mm SHAFT		
63H-BF31002000	SPLINE ADAPTOR BF2Tz 15 TOOTH GROUP 2		
	22 mm PARALLEL KEY SHAFT SPIGOT 50.8mm		
	MOUNTING 4 BOLT 71.4 mm X 96mm		
	LOAD 1400 N @ 2000 RPM distance (X) 50 mm		
	TO TAKE GROUP 2 PUMP / MOTOR 1 : 8 TAPER 36.5mm SPIGOT		
70H-TK-STSU-ZFD	STSU/ZF-D 1 : 5 TAPER SHAFT		
70H-TK-BF2TZ17	SPLINE ADAPTOR BF2Tz 17 TOOTH BOSCH GROUP 2		
	1 ; 5 TAPER KEY SHAFT SPIGOT 80 mm		
	MOUNTING 4 BOLT 72 mm X 100 mm		
	LOAD 1400 N @ 2000 RPM distance (X) 50 mm		
	TO TAKE GROUP 2 BOSCH PUMP / MOTOR 1 : 5 TAPER 80mm SPIGOT		
	<b><u>GROUP 3 OUTBOARD BEARING SUPPORT</u></b>		
63H-BU12030001	STSU / 3 C 24 mm SHAFT		
63H-BF31003500	SPLINE ADAPTOR BF3 18 TOOTH GROUP 3		
	TO TAKE A GROUP 3 PUMP 1 : 8 TAPER		
	24 mm PARALLEL KEY SHAFT SPIGOT 50.8mm		
	MOUNTING 4 BOLT 98.2 mm X 128 mm		
	LOAD 1400 N @ 2000 RPM distance (X) 50 mm		
	TO TAKE A GROUP 3 PUMP / MOTOR 1 : 8 TAPER 50mm SPIGOT		
	<b><u>SPLINED COUPLINGS</u></b>		
	<b><u>MALE</u></b>		
63H-BF31000400	BF1-1	GR.1 MALE SPLINE 12 TOOTH 20 X 17 GROUP 1 TAPER 1 : 8	
63H-BF31000800	BF2TV	GR.2T MALE SPLINE 14 TOOTH 25 X 22 GROUP 2 TAPER 1 : 8	
63H-BF31002000	BF2Tz15	GR.2T MALE SPLINE 15 TOOTH 28 X 25 GROUP 2 TAPER 1 : 8	
70H-TK-BF2TZ17	BF2BZ17	GR.2B MALE SPLINE 17 TOOTH 28 X 25 GROUP 2 TAPER 1 : 5	
63H-BF31003500	BF3	GR.3 MALE SPLINE 18 TOOTH 35 X 31 GROUP 3 TAPER 1 : 8	
63H-BF31004000	BF3/2T	GR.2T MALE SPLINE 18 TOOTH 35 X 31 GROUP 2 TAPER 1 : 8	
			
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>			<b>PAGE D 10</b>


Part Number	HAND PUMPS			RETAIL:
				15-02-2023
	<u>INLINE TYPE</u>			
64H-PAM0142005	PAM - 20 - SV	20cc per rev	300 bar	
64H-PAM0144005	PAM - 40 - SV	40cc per rev	230 bar	
64H-PAM0290000	HAND LEVER			
	SUPPLIED WITH RUBBER BELLOWS AND RELEASE VALVE			
				
	<u>TANK TYPE FOR SINGLE ACTING CYLINDER</u>			
64H-PAM0141203	PAM - T - SV 12	12cc per rev	380 bar	
64H-PAM0142503	PAM - T - SV 25	25cc per rev	300 bar	
64H-PAM0144503	PAM - T - SV 45	45cc per rev	230 bar	
64H-PAM0290000	HAND LEVER			
	SUPPLIED WITH RUBBER BELLOWS, RELIEF VALVE, AND RELEASE VALVE			
				
	<u>TANK TYPE WITH DIVERTER FOR DOUBLE ACTING CYLINDER</u>			
64H-PAM0151203	PAM-TD - SV 12	12cc per rev	380 bar	
64H-PAM0152503	PAM-TD - SV 25	25cc per rev	300 bar	
64H-PAM0154503	PAM-TD - SV 45	45cc per rev	230 bar	
64H-PAM0290000	HAND LEVER			
	SUPPLIED WITH RUBBER BELLOWS, RELIEF VALVE, AND 4 WAY DIVERTER			
				
PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY				PAGE E 1

Part Number	<b>HAND PUMPS</b>		RETAIL:
			15-02-2023
	<b><u>STEEL TANKS FOR HAND PUMPS</u></b>		
	<b>CAPACITY</b>		
64H-PM00220001	1 LITRE		
64H-PM00220003	3 LITRE		
64H-PM00220005	5 LITRE		
64H-PM00220010	10 LITRE		
	<b>TANKS SUPPLIED WITH PUMP GASKET, MOUNTING BOLTS, FILLER BREATHER, DRAIN PLUG AND SUCTION PIPE</b>		
			






	<b>DIMENSIONS</b>					
<b>CAPACITY</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>E</b>	<b>G</b>	
1 LITRE	90mm	120mm	150mm	100mm	120mm	
3 LITRE	90mm	120mm	150mm	100mm	247mm	
5 LITRE	90mm	195mm	175mm	175mm	200mm	
10 LITRE	90mm	195mm	175mm	175mm	376mm	













Part Number	HEAT EXCHANGERS										RETAIL:
											15-02-2023
<b>TAK - BOK HEAT EXCHANGERS</b>											
<b>WARNING; PROTECT COOLER FROM BURSTING A BY-PASS VALVE SHOULD ALWAYS BE FITTED</b>											
	MODEL	kcal/h	SYSTEM	FLOW	PORTS	PRESS	PRESS	FAN	SIZES		
	TYPE	$\Delta t=30C$	KW	L/min	NPT	MAX	DROP	CURRENT	L X H X W	Kg	
65H-AH1012DC12	AH10 12	6000	3.7 / 5.5	100	1"	20 bar	1 bar	12 V DC	417 X 360 X 200	10	
65H-AH1012DC24	AH10 12	6000	3.7 / 5.5	100	1"	20 bar	1 bar	24 V DC	417 X 360 X 200	10	
65H-AH1012AC220	AH10 12	6000	3.7 / 5.5	100	1"	20 bar	1 bar	220 V AC 1 PHASE	417 X 360 X 200	10	
65H-AH1012AC380	AH10 12	6000	3.7 / 5.5	100	1"	20 bar	1 bar	380 V AC 3 PHASE	417 X 360 X 200	10	
65H-AH1417DC12	AH14 17	10 000	5.6 / 7.5	100	1"	20 bar	0.8	12 V DC	570 X 411 X 200	11	
65H-AH1417DC24	AH14 17	10 000	5.6 / 7.5	100	1"	20 bar	0.8	24 V DC	570 X 411 X 200	11	
65H-AH1417AC220	AH14 17	10 000	5.6 / 7.5	100	1"	20 bar	0.8	220 V AC 1 PHASE	570 X 411 X 200	11	
65H-AH1417AC380	AH14 17	10 000	5.6 / 7.5	100	1"	20 bar	0.8	380 V AC 3 PHASE	570 X 411 X 200	11	
65H-AH1470DC12	AH14 70	14 000	7.5 / 11.5	200	1-1/4"	20 bar	1 bar	12 V DC	570 X 407 X 225	13	
65H-AH1470DC24	AH14 70	14 000	7.5 / 11.5	200	1-1/4"	20 bar	1 bar	24 V DC	570 X 407 X 225	13	
65H-AH1470AC220	AH14 70	14 000	7.5 / 11.5	200	1-1/4"	20 bar	1 bar	220 V AC 1 PHASE	570 X 407 X 225	13	
65H-AH1470AC380	AH14 70	14 000	7.5 / 11.5	200	1-1/4"	20 bar	1 bar	380 V AC 3 PHASE	570 X 407 X 225	13	
<b>NO WARRANTEE ON COOLERS IF BYPASS SYSTEM NOT FITTED WITH COOLER</b>											
<b>HEAT EXCHANGER BODY AND FAN HOUSING ONLY</b>											
65H-AH1012-C	417 X 360 X 200 HEAT EXCHANGER BODY										
65H-AH1417-C	570 X 411 X 200 HEAT EXCHANGER BODY										
65H-AH1470-C	570 X 407 X 225 HEAT EXCHANGER BODY										
<b>FAN MOTORS AH10 12 SERIES</b>											
65H-FAN10DC12	DC 12 VOLT FAN MOTOR										
65H-FAN10DC24	DC 24 VOLT FAN MOTOR										
65H-FAN10AC220	AC 220 VOLT FAN MOTOR 1 PHASE										
65H-FAN10AC380	AC 380 VOLT FAN MOTOR 3 PHASE										
<b>FAN MOTORS AH 14 17 &amp; AH14 70 SERIES</b>											
65H-FAN14DC12	DC 12 VOLT FAN MOTOR										
65H-FAN14DC24	DC 24 VOLT FAN MOTOR										
65H-FAN14AC220	AC 220 VOLT FAN MOTOR 1 PHASE										
65H-FAN14AC380	AC 380 VOLT FAN MOTOR 3 PHASE										
<b>BY - PASS PROTECTION VALVE 5 BAR</b>											
63H-VSG303C54	VU 16-1"	1"	BSPP THREADS	150 LITRE FLOW	5 BAR CRACKING						
											
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>										<b>PAGE F 1</b>	

Part Number	<b>HYDRAULIC COMPONENTS</b>						RETAIL:
							15-02-2023
	<b>ACCUMULATORS HR SERIES (DIAPHRAGM TYPE)</b>						
	<b>TYPE</b>	<b>MAX PRESS</b>	<b>NITROGEN VOL</b>	<b>MAX PRELOAD</b>	<b>MAX FLOW</b>	<b>CONNECTION</b>	
		<b>BAR</b>	<b>LITRE</b>	<b>BAR</b>	<b>LITRE / MIN</b>	<b>mm</b>	
65H-ACH0100	H100R	250	0.15	150	15	M 18X1.5	
65H-ACH0350	H350R	250	0.35	150	35	M 18X1.5	
65H-ACH0500	H500R	250	0.45	150	45	M 18X1.5	
65H-ACH0700	H700R	250	0.7	150	70	M 18X1.5	
65H-ACH1000	H1000R	250	1.0	150	100	M 18X1.5	
65H-ACH1400	H1400R	250	1.4	150	140	M 18X1.5	
65H-ACH2000	H2000R	250	2.0	150	200	M 18X1.5	
65H-ACH4000	H4000R	250	4.0	150	380	M 18X1.5	
	<b>NITROGEN FILLING AND TESTING</b>						
65H-ACCUFILL	FILLING AND TESTING LABOUR						
65H-ACAR500	TYPE A R CHARGING VALVE KIT 5/8" UNF THREAD SUPPLIED IN BOX						
	<b>ACCUMULATORS H 210 SERIES</b>						
							
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>						<b>PAGE F 2</b>	

Part Number	HYDRAULIC TANKS & ACCESSORIES						RETAIL:
							15-02-2023
<b>WELDLESS STEEL TANKS FOR POWER PACKS</b>							( WITHOUT LID )
	<b>TOTAL OIL CAPACITY</b>	<b>LENGTH</b>	<b>WIDTH</b>	<b>HEIGHT</b>	<b>FEET</b>	<b>TOTAL HEIGHT</b>	
66H-025TANK	25 LITRE	390 mm	280 mm	232 mm	+48 mm	280 mm	
66H-040TANK	40 LITRE	460 mm	330 mm	272 mm	+56 mm	328 mm	
66H-070TANK	70 LITRE	560 mm	400 mm	332 mm	+69 mm	401 mm	
66H-100TANK	100 LITRE	630 mm	450 mm	372 mm	+77 mm	449 mm	
66H-160TANK	160 LITRE	730 mm	520 mm	432 mm	+90 mm	522 mm	
66H-250TANK	250 LITRE	850 mm	610 mm	502 mm	+105 mm	607 mm	
<b>BLANK STEEL LIDS FOR TANKS</b>							
	<b>TOTAL OIL CAPACITY</b>	<b>LENGTH</b>	<b>WIDTH</b>	<b>THICKNESS</b>			
66H-25LID	25 LITRE	440 mm	330 mm	3 mm			
66H-40LID	40 LITRE	510 mm	380 mm	3 mm			
66H-70LID	70 LITRE	610 mm	450 mm	4 mm			
66H-100LID	100 LITRE	680 mm	500 mm	4 mm			
66H-160LID	160 LITRE	780 mm	570 mm	5 mm			
66H-250LID	250 LITRE	900 mm	660 mm	5 mm			
							
<b>TECHNICAL SPECIFICATIONS</b>							
TANK SIDES 2mm THICK AND WELDLESS							
TANK LID FROM 3mm TO 5mm THICK WITH ROUNDED 90° EDGES							
TANKS SUPPLIED WITH LID GASKET, 1/2" BSP DRAIN, OIL LEVEL THREADED HOLES							
<b>TANK TOP FILLER BREATHERS</b>							
66H-EFB450H64	TANK TOP FILLER BREATHER 29mm O/D MESH 40 micron						
77H-HB-55-72	TANK TOP FILLER BREATHER 50mm O/D MESH 40 micron						
66H-TAP9010-L	TANK TOP FILLER BREATHER ( Anti-splash HB-2 )						
<b>LEVEL GAUGES</b>							
66H-EAVT-I-076	EAVT-I 076BM12Z - 3" ( 76mm BOLT CENTER 12mm NUT )						
66H-EAVT-I-127	EAVT-I 127BM12Z - 5" ( 127mm BOLT CENTER 12mm NUT )						
66H-EAVT-I-254	EAVT-I 254BM12Z - 10" ( 254mm BOLT CENTER 12mm NUT )						
<b>LEVEL GAUGES PLUG TYPE</b>							
66H-EAPP-12	3/4" BSPP THREAD ALUMINIUM ALLOY PLUG TYPE LEVEL GAUGE						
66H-EAPP-16	1" BSPP THREAD ALUMINIUM ALLOY PLUG TYPE LEVEL GAUGE						
66H-EAPP-20	1-1/4" BSPP THREAD ALUMINIUM ALLOY PLUG TYPE LEVEL GAUGE						
<b>ELECTRICAL LEVEL INDICATOR</b>							
66H-EAVL-L-150	ELECTRICAL LEVEL INDICATOR PORT 1" BSPP NORMALLY OPEN SWITCH						
66H-EAVL-L-200	ELECTRICAL LEVEL INDICATOR PORT 1" BSPP NORMALLY OPEN SWITCH						
66H-EAVL-L-250	ELECTRICAL LEVEL INDICATOR PORT 1" BSPP NORMALLY OPEN SWITCH						
66H-ALEX-BUZZ	BUZZER WARNING 24 v						
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>							<b>PAGE G 1</b>




<u>Part Number</u>	<b>HYDRAULIC TANKS &amp; ACCESSORIES</b>				RETAIL:
					15-02-2023
<b><u>PRE - CUT OUT STEEL LIDS FOR TANKS</u></b>					
	<b>ELECTRIC</b>	<b>FRAME</b>	<b>BELL</b>	<b>PUMP TYPE ; TO FIT VERTICALLY INSIDE TANK</b>	
	<b>MOTORS</b>	<b>SIZE</b>	<b>HOUSING</b>		
66H-25L160	0.25 / 0.37	71	160	GP1 / GP2	
66H-25L200	0.55 / 0.75 / 1.1 / 1.5	80	200	GP1 / GP2	
66H-25L250	2.2 / 3.0 / 4.0	100	250	GP1	
66H-40L160	0.25 / 0.37	71	160	GP1 / GP2	
66H-40L200	0.55 / 0.75 / 1.1 / 1.5	80	200	GP1 / GP2 / GP3	
66H-40L250	2.2 / 3.0 / 4.0	100	250	GP1 / GP2	
66H-70L200	0.55 / 0.37 / 1.1 / 1.5	80	200	GP1 / GP2 / GP2+2 / GP3	
66H-70L250	2.2 / 3.0 / 4.0	100	250	GP1 / GP2 / GP3	
66H-70L300	5.5 / 7.5 / 9.2	132	300	GP1 / GP2 / GP3	
66H-100L200	0.55 / 0.37 / 1.1 / 1.5	50	200	GP1 / GP2 / GP2+2 / GP3	
66H-100L250	2.2 / 3.0	100	250	GP1 / GP2 / GP2+2 / GP3	
66H-100L250	4	112	250	GP1 / GP2 / GP2+2 / GP3 / A10V18 / A10V28	
66H-100L300	5.5 / 7.5 / 9.2	132	300	GP1 / GP2 / GP3 / A10V18 / A10V28	
66H-100L350	11.0 / 15.0	160	350	GP1 / GP2 / GP3	
66H-100L350	18.5 / 22	180	350	GP1 / GP2 / GP3	
66H-160L250	2.2 / 3.0	100	250	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45	
66H-160L250	4	112	250	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45	
66H-160L300	5.5 / 7.5 / 9.2	132	300	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45	
66H-160L350	11.0 / 15.0	160	350	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45	
66H-160L350	18.5 / 22.0	180	350	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45	
66H-250L300	5.5 / 7.5 / 9.2	132	300	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45 / 71 / 100	
66H-250L350	11.0 / 15.0	160	350	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45 / 71 / 100	
66H-250L350	18.5 / 22.0	180	350	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45 / 71 / 100	
66H-250L400	30	200	400	GP1 / GP2 / GP2+2 / GP3 / GP3+2 / A10V18 / 28 / 45 / 71 / 100	
	<b>TANK SIZE</b>	<b>LEVEL GAUGE</b>	<b>RETURN LINE FILTER</b>		<b>FILLER BREATHER</b>
	25 L	76 mm	68Ø mm 1/2" BSPP PORTS		30Ø mm 29mm FILLER
	40 L	127mm	90Ø mm 1" BSPP PORTS		30Ø mm 29mm FILLER
	70 L	127mm	90Ø mm 1" BSPP PORTS		60Ø mm ANTI SPLASH
	100 L	127mm	90Ø mm 1" BSPP PORTS		60Ø mm ANTI SPLASH
	160 L	127mm	90Ømm 1" BSPP PORTS		60Ø mm ANTI SPLASH
	250 L	127mm	90Ø mm 1" BSPP PORTS		60Ø mm ANTI SPLASH
					
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>					

Part Number	HYDRAULIC GAUGES				RETAIL:	
					15-02-2023	
<b><u>GAUGE BOTTOM ENTRY</u></b>						
	<b><u>PRESSURE RANGE</u></b>	<b><u>FACE O/D</u></b>	<b><u>THREAD BSP</u></b>			
66H-AMGR63010	0 / 10 Bar	63 mm	1/4"			
66H-AMGR63025	0 / 25 Bar	63 mm	1/4"			
66H-AMGR63060	0 / 60 Bar	63 mm	1/4"			
66H-AMGR63100	0 / 100 Bar	63 mm	1/4"			
66H-AMGR63160	0 / 160 Bar	63 mm	1/4"			
66H-AMGR63250	0 / 250 Bar	63 mm	1/4"			
66H-AMGR63400	0 / 400 Bar	63 mm	1/4"			
66H-AMGR63600	0 / 600 Bar	63 mm	1/4"			
<b><u>GAUGE REAR ENTRY</u></b>						
	<b><u>PRESSURE RANGE</u></b>	<b><u>FACE O/D</u></b>	<b><u>THREAD BSP</u></b>			
66H-AMGF63010	0 / 10 Bar	63 mm	1/4"			
66H-AMGF63025	0 / 25 Bar	63 mm	1/4"			
66H-AMGF63060	0 / 60 Bar	63 mm	1/4"			
66H-AMGF63100	0 / 100 Bar	63 mm	1/4"			
66H-AMGF63160	0 / 160 Bar	63 mm	1/4"			
66H-AMGF63250	0 / 250 Bar	63 mm	1/4"			
66H-AMGF63400	0 / 400 Bar	63 mm	1/4"			
66H-AMGF63600	0 / 600 Bar	63 mm	1/4"			
<b><u>GAUGE DIGITAL BOTTOM ENTRY 0 : 700 Bar</u></b>						
	<b><u>PRESSURE RANGE</u></b>	<b><u>FACE O/D</u></b>	<b><u>THREAD BSP</u></b>			
66H-SD700	700 Bar	63 mm	1/4"			
	DIGITAL READ OUT 0 : 700 Bar					
	ON / OFF BUTTON					
	AUTO OFF BUTTON					
	LIGHT BUTTON					
	MAX RECALL PRESSURE BUTTON					
	RESET BUTTON					
<b><u>QUADRIGAUGE</u></b>						
	<b><u>PRESSURE RANGE</u></b>	<b><u>0 - 5000 PSI</u></b>	<b><u>0 - 350 BAR</u></b>			
66H-03740019	1/8" NPT FEMALE FITTING ON GAUGE MALE ON HOSE					
<b><u>GAUGE HOSE ASSEMBLIES &amp; TEST POINTS</u></b>						
	<b><u>PRESSURE RANGE ;</u></b>	<b><u>GAUGE THREAD</u></b>	<b><u>MINI MESS THREAD</u></b>	<b><u>LENGTH</u></b>		
54P-MMH-64001	0 / 700 Bar	1/4" BSPP	M16X2	1000 mm		
54P-MMH-64001-5	0 / 700 Bar	1/4" BSPP	M16X2	1500 mm		
54P-MMH-64002	0 / 700 Bar	1/4" BSPP	M16X2	2500 mm		
<b><u>MINI MESS TEST POINT</u></b>						
						
54P-MMP-02R	MINI MESS POINT	1/8" BSPP	M16X2			
54P-MMP-04R	MINI MESS POINT	1/4" BSPP	M16X2			
54P-MMP-06R	MINI MESS POINT	3/8" BSPP	M16X2			
54P-MMP-08R	MINI MESS POINT	1/2" BSPP	M16X2			
54P-MMP-04N	MINI MESS POINT	1/4" NPT	M16X2			
54P-MMP-06N	MINI MESS POINT	3/8" NPT	M16X2			
<b><u>GAUGE ISOLATOR</u></b>						
66H-DFPE1G0400	GAUGE ISOLATOR 1/4" NPT THREAD					



Part Number	FILTRATION ACCESSORIES			RETAIL:
				01-10-2022
	<b><u>IN LINE SPIN - ON FILTER HEADS</u></b> (RETURN LINE ONLY)			
	<b><u>DESCRIPTION</u></b>	<b><u>PORTS</u></b>	<b><u>FLOW RATE @ 40 KPA</u></b>	
67H-EFPS1	FILTER HEAD	3/4" BSP	75 LITRES	
67H-EFPS3	FILTER HEAD	1- 1/4" BSP	200 LITRES	
67H-EFPS5	FILTER HEAD	1- 1/2" BSP	350 LITRES	TWIN HEADS
67H-EFPS-3	MAX WORKING PRESSURE 12 bar		BY-PASS SPRING 1.7 bar	RETURN SIDE
67H-EFSS-3	MAX WORKING PRESSURE 12 bar		BY-PASS SPRING 0.25 bar	SUCTION SIDE
				
	<b><u>SPIN - ON FILTER CANS</u></b>			
	<b><u>DESCRIPTION</u></b>	<b><u>FILTER HEAD</u></b>	<b><u>FLOW RATE</u></b>	<b><u>MICRON</u></b>
67H-EEPS1-10	SPIN-ON CAN	3/4" BSP	70 LITRES @ 20 Kpa	10
67H-EEPS1-20	SPIN-ON CAN	3/4" BSP	120 LITRES @ 20 Kpa	25
67H-EEPS3-10	SPIN-ON CAN	1-1/4" BSP & 1-1/2" BSP	200 LITRES @ 20 Kpa	10
67H-EEPS3-20	SPIN-ON CAN	1-1/4" BSP & 1-1/2" BSP	300 LITRES @ 20 Kpa	25
67H-EEPS3-90	SPIN-ON CAN	1-1/4" BSP & 1-1/2" BSP	300 LITRES @ 20 Kpa	90
	<b><u>VISUAL INDICATORS</u></b>			
67H-PA	PA GAUGE RETURN SIDE 1/8" BSP		GAUGE 0 - 12 bar	
67H-VA	VA GAUGE SUCTION SIDE 1/8" BSP		GAUGE 0 - 76 cm Hg	
	<b><u>SUCTION STRAINERS</u></b> (SUCTION LINE ONLY 125 MICRON)			
	<b><u>DESCRIPTION</u></b>	<b><u>PORTS</u></b>	<b><u>FLOW RATE</u></b>	
67H-EEST1	SUCTION STRAINER	3/8" BSP PORT	15 LITRES	
67H-EEST2	SUCTION STRAINER	1/2" BSP PORT	22 LITRES	
67H-EEST5	SUCTION STRAINER	3/4" BSP PORT	56 LITRES	
67H-EEST6	SUCTION STRAINER	1" BSP PORT	100 LITRES	
67H-EEST10	SUCTION STRAINER	1-1/4" BSP PORT	140 LITRES	
67H-EEST11	SUCTION STRAINER	1-1/2" BSP PORT	200 LITRES	
67H-EEST17	SUCTION STRAINER	2" BSP PORT	340 LITRES	
	PA VA			
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY			PAGE H 1

Part Number	FILTRATION ACCESSORIES			RETAIL:
	<b>TANK TOP RETURN LINE FILTER BODY (INCLUDES 20 MICRON ELEMENT)</b>			01-10-2022
	<b>DESCRIPTION</b>	<b>FILTER HEAD</b>	<b>FLOW RATE @ 15 KPA</b>	
67H-EFRM2BBB	TANK TOP & FILTER ELEMENT	1/2" BSP	110 LITRES	
67H-EFRM6BCB	TANK TOP & FILTER ELEMENT	3/4" BSP	150 LITRES	
67H-EFRM8BDB	TANK TOP & FILTER ELEMENT	1" BSP	210 LITRES	
67H-EFRM11BEB	TANK TOP & FILTER ELEMENT	1-1/4" BSP	300 LITRES	
67H-EFRM15BFB	TANK TOP & FILTER ELEMENT	1-1/2" BSP	425 LITRES	
67H-EFRM17BHB	TANK TOP & FILTER ELEMENT	2" BSP	600 LITRES	
	MAX WORKING PRESSURE 3 bar	BY-PASS 170 Kpa	1 bar = 100 Kpa	
	<b>TANK TOP RETURN ELEMENTS (RETURN LINE ONLY, BY-PASS SET 170 KPA)</b>			
	<b>DESCRIPTION</b>	<b>FILTER HEAD</b>	<b>FLOW RATE @ 15 KPA</b>	<b>MICRON</b>
67H-EERM2BP20	FILTER ELEMENT	1/2" BSP	60 LITRES	20
67H-EERM6BP20	FILTER ELEMENT	3/4" BSP	100 LITRES	20
67H-EERM8BP20	FILTER ELEMENT	1" BSP	150 LITRES	20
67H-EERM11BP20	FILTER ELEMENT	1-1/4" BSP	300 LITRES	20
67H-EERM15BP20	FILTER ELEMENT	1-1/2" BSP	450 LITRES	20
67H-EERM17BP20	FILTER ELEMENT	2" BSP	550 LITRES	20
	<b>TANK TOP RETURN ELEMENTS (RETURN LINE ONLY, BY-PASS SET 170 KPA)</b>			
	<b>DESCRIPTION</b>	<b>FILTER HEAD</b>	<b>FLOW RATE @ 40 KPA</b>	<b>MICRON</b>
67H-EERM2BP10	FILTER ELEMENT	1/2" BSP	45 LITRES	10
67H-EERM6BP10	FILTER ELEMENT	3/4" BSP	85 LITRES	10
67H-EERM8BP10	FILTER ELEMENT	1" BSP	150 LITRES	10
67H-EERM11BP10	FILTER ELEMENT	1-1/4" BSP	300 LITRES	10
67H-EERM15BP10	FILTER ELEMENT	1-1/2" BSP	350 LITRES	10
67H-EERM17BP10	FILTER ELEMENT	2" BSP	450 LITRES	10
	<b>HIGH PRESSURE IN LINE FILTER (INCLUDES ELEMENT &amp; INDICATOR)</b>			
67H-EFPU3BC11B	FILTER HIGH PRESSURE 3/4" BSP INCLUDING ELEMENT 10 MICRON & INDICATOR		110 LITRES	
67H-EFPU5BD11B	FILTER HIGH PRESSURE 1" BSP INCLUDING ELEMENT 10 MICRON & INDICATOR		160 LITRES	
67H-EFPU8BE11B	FILTER HIGH PRESSURE 1-1/4" BSP INCLUDING ELEMENT 10 MICRON & INDICATOR		280 LITRES	
67H-EFPU10BF11B	FILTER HIGH PRESSURE 1-1/2" BSP INCLUDING ELEMENT 10 MICRON & INDICATOR		400 LITRES	
67H-EEPU3BP10	FILTER HIGH PRESSURE ELEMENT FOR EFPU3 3/4"	10 MICRON	FLOW RATE 110 LITRES	
67H-EEPU5BP10	FILTER HIGH PRESSURE ELEMENT FOR EFPU5 1"	10 MICRON	FLOW RATE 160 LITRES	
67H-EEPU8BP10	FILTER HIGH PRESSURE ELEMENT FOR EFPU8 1-1/4"	10 MICRON	FLOW RATE 280 LITRES	
67H-EEPU10BP10	FILTER HIGH PRESSURE ELEMENT FOR EFPU10 1-1/2"	10 MICRON	FLOW RATE 400 LITRES	
				
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>				<b>PAGE H 2</b>

Part Number	<b>DRIVE COUPLINGS</b>								RETAIL:
									01-10-2022
	<b>PARALLEL SHAFT COUPLINGS H R C (TAPER LOCK)</b>								
	<b>MOTOR</b>	<b>TAPER</b>	<b>PUMP</b>	<b>TAPER</b>	<b>COUPLING</b>	<b>RUBBER</b>	<b>ELECTRIC</b>	<b>ELECTRIC</b>	
	<b>SHAFT</b>	<b>LOCK BUSH</b>	<b>SHAFT</b>	<b>LOCK BUSH</b>	<b>HRC TYPE</b>	<b>ELEMENT</b>	<b>FRAME</b>	<b>K.W.</b>	
68H-090FASS	19	1108 19	5/8"	1108 5/8	090F	090	80	0.55 - 0.75	
68H-090FASS	19	1108 19	3/4"	1108 3/4	090F	090	80	0.55 - 0.75	
68H-090FASS	24	1108 24	3/4"	1108 3/4	090F	090	90	1.1 - 1.5	
68H-090FASS	24	1108 24	7/8"	1108 7/8	090F	090	90	1.1 - 1.5	
68H-110FASS	28	1610 028	5/8"	1610 010	110 F	110	100 / 112	2.20 - 4.00	
68H-110FASS	28	1610 028	3/4"	1610 012	110 F	110	100 / 112	2.20 - 4.00	
68H-110FASS	38	1610 038	5/8"	1610 010	110 F	110	132	5.50 - 9.00	
68H-110FASS	38	1610 038	3/4"	1610 012	110 F	110	132	5.50 - 9.00	
68H-130FASS	42	1610 042	5/8"	1610 010	130 F	130	160	11.00 - 15.00	
68H-130FASS	42	1610 042	3/4"	1610 012	130 F	130	160	11.00 - 15.00	
68H-130FASS	42	1610 042	7/8"	1610 014	130 F	130	160	11.00 - 15.00	
68H-130FASS	42	1610 042	1"	1610 100	130 F	130	160	11.00 - 15.00	
68H-130FASS	42	1610 042	1-1/8"	1610 102	130 F	130	160	11.00 - 15.00	
68H-130FASS	42	1610 042	1-1/4"	1610 104	130 F	130	160	11.00 - 15.00	
68H-150FASS	48	2012 048	7/8"	2012 014	150 F	150	180	18.00 - 22.00	
68H-150FASS	48	2012 048	1"	2012 100	150 F	150	180	18.00 - 22.00	
68H-150FASS	48	2012 048	1-1/8"	2012 102	150 F	150	180	18.00 - 22.00	
68H-150FASS	48	2012 048	1-1/4"	2012 104	150 F	150	180	18.00 - 22.00	
68H-180FASS	55	2517 055	1"	2517 100	180 F	180	200	30.00	
68H-180FASS	55	2517 055	1-1/8"	2517 102	180 F	180	200	30.00	
68H-180FASS	55	2517 055	1-1/4"	2517 104	180 F	180	200	30.00	
	<b>TAPER LOCK BUSH METRIC</b>								
68H-1108M	1108 SIZES : 16 mm 18 mm 19 mm 20 mm 22 mm 24 mm								
68H-1610M	1610 SIZES : 16 mm 19 mm 22 mm 25 mm 28 mm 30 mm 32 mm 38 mm 42 mm								
68H-2012M	2012 SIZES : 22 mm 25 mm 28 mm 30 mm 32 mm 38 mm 42 mm 48 mm								
68H-2517M	2517 SIZES : 25 mm 28 mm 30 mm 32 mm 38 mm 42 mm 48 mm 55 mm								
	<b>TAPER LOCK BUSH IMPERIAL</b>								
68H-1108I	TYPE 1108 SIZES : 5/8" 7/8" 3/4" 1"								
68H-1610I	TYPE 1610 SIZES : 5/8" 7/8" 3/4" 1" 1-1/8" 1-1/4"								
68H-2012I	TYPE 2012 SIZES : 7/8" 3/4" 1" 1-1/8" 1-1/4"								
68H-2517I	TYPE 2517 SIZES : 1" 1-1/8" 1-1/4"								
	<b>COUPLING FLANGE</b>								
68H-090-F	TYPE HRC 090 F								
68H-110-F	TYPE HRC 110 F								
68H-130-F	TYPE HRC 130 F								
68H-150-F	TYPE HRC 150 F								
68H-180-F	TYPE HRC 180 F								
	<b>COUPLING RUBBER</b>								
68H-090ELEM	TYPE HRC 090 NATURAL ELEMENT								
68H-110ELEM	TYPE HRC 110 NATURAL ELEMENT								
68H-130ELEM	TYPE HRC 130 NATURAL ELEMENT								
68H-150ELEM	TYPE HRC 150 NATURAL ELEMENT								
68H-180ELEM	TYPE HRC 180 NATURAL ELEMENT								
	<b>POWER RATINGS WORKED OUT AS BELOW</b>								
	<b>SERVICE FACTOR X 2,5 @ 1440 RPM</b>								

Part Number	DRIVE COUPLINGS								RETAIL:	
									13-04-2023	
<b>PARALLEL SHAFT COUPLING (BLANK)</b>										
	DESC	Nm @ 1500 rpm	MAX Kw cont	MAX rpm	MAX BORE	LENGTH	NYLON OD	STEEL OD		
68H-HOF28	HOF-28	20	3	5000	28	84	67	44		
68H-HOF42	HOF-42	76	11	5000	42	88	87	60		
68H-HOF55	HOF-55	133	22	4000	55	124	121	80		
<b>NYLON SLEEVE ONLY</b>										
68H-HOF28NS	SLEEVE HOF 28 NS									
68H-HOF42NS	SLEEVE HOF 42 NS									
68H-HOF55NS	SLEEVE HOF 55 NS									
<b>PARALLEL SHAFT COUPLING (BORED)</b>										
<b>HUBS PRE - BORED ;</b>										
<b>PRICED PER SIDE ; 2 SIDES TO BE ADDED TO A BLANK UNIT PRICE</b>										
	DESCRIPTION	BORE	KEY	LENGTH	NYLON OD	STEEL OD				
68H-28-GP2-1-8	HOF-28- 1 ; 8 TAPER	1;8	3.2mm x 3.2mm	84	67	44				
68H-28-1-2	HOF-28-1/2"	1/2"	3.2mm x 3.2mm	84	67	44				
68H-28-5-8	HOF-28-5/8"	5/8"	4.8mm X 4.8mm	84	67	44				
68H-28-3-4	HOF-28-3/4"	3/4"	4.8mm X 4.8mm	84	67	44				
68H-28-7-8	HOF-28-7/8"	7/8"	6.3mm X 6.3mm	84	67	44				
68H-28-1	HOF-28-1"	1"	6.3mm X 6.3mm	84	67	44				
68H-28-1-1-8	HOF-28-1-1/8"	1-1/8"	6.3mm X 6.3mm	84	67	44				
68H-28-16mm	HOF-28-16mm	16mm	4mm X 4mm	84	67	44				
68H-28-18mm	HOF-28-18mm	18mm	6mm X 6mm	84	67	44				
68H-28-19mm	HOF-28-19mm	19mm	6mm X 6mm	84	67	44				
68H-28-22mm	HOF-28-22mm	22mm	6mm X 6mm	84	67	44				
68H-28-24mm	HOF-28-24mm	24mm	8mm X 8mm	84	67	44				
68H-28-28mm	HOF-28-28mm	28mm	8mm X 8mm	84	67	44				
68H-42-GP-1-8	HOF-42- 1 ; 8 TAPER	1;8	3.2mm x 3.2mm	88	87	60				
68H-42-3-4	HOF-42-3/4"	3/4"	4.8mm X 4.8mm	89	87	60				
68H-42-7-8	HOF-42-7/8"	7/8"	6.3mm X 6.3mm	88	87	60				
68H-42-1	HOF-42-1"	1"	6.3mm X 6.3mm	88	87	60				
68H-42-1-1-8	HOF-42-1-1/8"	1-1/8"	6.3mm X 6.3mm	88	87	60				
68H-42-1-1-4	HOF-42-1-1/4"	1-1/4"	8mm X 8mm	88	87	60				
68H-42-19mm	HOF-42-19mm	19mm	6mm X 6mm	88	87	60				
68H-42-22mm	HOF-42-22mm	22mm	6mm X 6mm	89	87	60				
68H-42-24mm	HOF-42-24mm	24mm	8mm X 8mm	88	87	60				
68H-42-25mm	HOF-42-25mm	25mm	8mm X 7mm	88	87	60				
68H-42-28mm	HOF-42-28mm	28mm	8mm X 8mm	88	87	60				
68H-42-32mm	HOF-42-32mm	32mm	10mm X 8mm	88	87	60				
68H-42-38mm	HOF-42-38mm	38mm	10mm X 10mm	88	87	60				
68H-42-42mm	HOF-42-42mm	42mm	12mm X 12mm	89	87	60				
68H-55-1-1-4	HOF-55-1-1/4"	1-1/4"	8mm X 8mm	124	121	80				
68H-55-32mm	HOF-55-1-32mm	32mm	10mm X 8mm	124	121	80				
<b>SPLINED BILLETS</b>										
<b>FEMALE</b>										
68H-09DIN	09 TOOTH	D.I.N.	( 16.2 mm )	OD						
68H-09SAE	09 TOOTH	SAE A	5/8"	( 15.8 mm )						OD
68H-10SAE	10 TOOTH		17mm	OD						
68H-11SAE	11 TOOTH		3/4"	OD						
68H-13SAE	13 TOOTH	SAE B	7/8"	OD						
68H-14SAE	14 TOOTH	SAE C	1-1/4"	OD						
68H-15SAE	15 TOOTH	SAE BB	1"	OD						
<b>MALE / FEMALE ADAPTORS</b>										
68H-09-13SAE	9 - 13 TOOTH ADAPTOR									
68H-13-14SAE	13 - 14 TOOTH ADAPTOR									
<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>										





Part Number	<b>BELLHOUSINGS</b>						RETAIL:
							15-02-2023
	<b>GROUP1 ( SPIGOT 25.4 )</b>						
				<b>ELECTRIC MOTOR</b>			
	<b>PUMP GROUP</b>	<b>DESCRIPTION</b>	<b>CODE</b>	<b>Kw.</b>	<b>FRAME</b>	<b>SPIGOT</b>	
69H-AH30100200	1	160/1	HL02	0.25-0.37	71/71	110	
69H-AH30202800	1	200/1	HL05L	0.55-1.50	80/90	130	
69H-AH30302500	1	250/1	HL08/1L	2.20-4.00	100/112	180	
	<b>GROUP2 ( SPIGOT 36.5 )</b>						
				<b>ELECTRIC MOTOR</b>			
	<b>PUMP GROUP</b>	<b>DESCRIPTION</b>	<b>CODE</b>	<b>Kw.</b>	<b>FRAME</b>	<b>SPIGOT</b>	
69H-AH30203500	2	200/2	HL07/SL	0.55-1.5	80/90	130	
69H-AH30302600	2	250/2	HL09L	2.20-4.00	100/112	180	
69H-AH30400800	2	300/2	HL12	5.50-9.20	132/132	230	
69H-AH15000001	2	350/2	HL15	11.00-22.00	160/180	250	
	<b>GROUP3 ( SPIGOT 50.8 )</b>						
				<b>ELECTRIC MOTOR</b>			
	<b>PUMP GROUP</b>	<b>DESCRIPTION</b>	<b>CODE</b>	<b>Kw.</b>	<b>FRAME</b>	<b>SPIGOT</b>	
69H-AH15050005	3	250/3	HL11	2.2-4.00	100/112	180	
69H-AH30400900	3	300/3	HL13	5.50-9.00	132/132	230	
69H-AH30509200	3	350/3	HL16	11.00-22.00	160/180	250	
69H-AH15010000	3	400/3	HL/20/1	30.00-30.00	200/200	300	
	<b>BELLHOUSINGS; HI-LO PUMPS CBT SERIES</b>						
	<b>PUMP GROUP:</b>	<b>DESCRIPTION:</b>	<b>ENGINE</b>	<b>ENGINE P.C.D.</b>	<b>SHAFT:</b>		
68H-BHE112/045A	CBT HI/LO	6.3 / 2.1	GX;120/160/200	90	3/4"		
68H-BHE152/045A	CBT HI/LO	10.9 / 3.6	GX;/240/270/340/390	127	1"		
							
	<b>MATERIAL: ALUMINIUM</b>						
	<b>NOTE: ALL BELLHOUSINGS MACHINED FOR ASSEMBLY</b>						
	<b>NOTE: ABOVE DATA TAKEN FROM METRIC THREE PHASE 4 POLE 50 Hz ELECTRIC</b>						
	<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>						<b>PAGE J 1</b>

**PILOT BORE BLANK**

	DESCRIPTION	SAE FLANGE	CODE	PILOT BORE	ELECTRIC FRAME	MOTOR K.W.
69H-200-63	200 / 63	3-1/4"	TH1-63X	63	80 / 90	0.55 - 1.5
69H-250-63	250 / 63	3-1/4"	TH2-63X	63	100 / 112	2.2 - 4.00
69H-300-80	300 / 80	3-1/4" / 4"	TH3-80X	80	132 / 132	5.50 - 9.00
69H-350-80	350 / 80	3-1/4" / 4" / 5"	TH4-80X	80	160 / 180	11.00 - 22.00
69H-400-100	400 / 100	4" / 5"	TH15-100X	100	200 / 200	30.00 - 30.00



**MATERIAL: ALUMINIUM**

**NOTE: ALL BELLOUSINGS MACHINED FOR ASSEMBLY**

**NOTE: ABOVE DATA TAKEN FROM METRIC THREE PHASE 4 POLE 50 Hz ELECTRIC MOTORS SPEED 1450 RPM**

**1FDF SERIES FLOW DIVIDER UP TO 4 STAGES**

DISPL	L P M	L P M	INLET	OUTLET	DRAIN	CONT DIFF	MAXIMUM
CC / REV	MIN / FLOW	MAX / FLOW	PORT	PORT	PORT	PRESSURE	OUTLET PRESS
GEAR SET	GEAR SET	GEAR SET	BSPP	BSPP	BSPP	INLET/OUTLET	ANY SECTION

72H-1FDF1-6	1.6 cc	3	6.4	1/2"	1/2"	NONE	124 Bar	240 Bar
72H-1FDF4-2	4.2 cc	9.5	18.9	1/2"	1/2"	NONE	124 Bar	240 Bar

**TECHNICAL SPECS**

COMBINER TYPE; REVERSIBLE FLOW WITH BUILT IN RELIEFS TO SYNCHRONISE  
 EACH PUMP HOUSING HAS SEPARATE BUILT IN RELIEF VALVES NO TANK LINE REQUIRED

**2FDF SERIES FLOW DIVIDER UP TO 8 STAGES**

DISPLACE	L P M	L P M	INLET	OUTLET	DRAIN	CONT DIFF	MAXIMUM
CC / REV	MIN / FLOW	MAX / FLOW	PORT	PORT	PORT	PRESSURE	OUTLET PRESS
GEAR SET	GEAR SET	GEAR SET	BSPP	BSPP	BSPP	INLET/OUTLET	ANY SECTION

72H-2FDF06	6cc	3	18	3/4"	1/2"	3/8"	220	250
72H-2FDF08	8cc	4	22	3/4"	1/2"	3/8"	220	250
72H-2FDF11	11cc	5.5	27	3/4"	1/2"	3/8"	220	250
72H-2FDF14	14cc	7	34	3/4"	1/2"	3/8"	200	220
72H-2FDF17	17cc	8.5	37	3/4"	1/2"	3/8"	220	250
72H-2FDF25	25cc	12	53	3/4"	1/2"	3/8"	200	220

**TECHNICAL SPECS**


COMBINER TYPE; REVERSIBLE FLOW WITH BUILT IN RELIEFS TO SYNCHRONISE  
 EACH PUMP HOUSING HAS SEPARATE BUILT IN RELIEF VALVE AND HAS TO BE PIPED TO A  
 TANK LINE IF YOU NEED IT TO SYNCHRONISE



**2FDF SERIES FLOW DIVIDER**



**1FDF SERIES FLOW DIVIDER**



Part Number	TAK - BOK HI / LOW GEAR PUMPS								RETAIL:
									01-10-2022
<b><u>CBT SERIES; HI / LOW PUMPS FOR PETROL ENGINE FITMENT</u></b>									
<b><u>TECHNICAL SPECS ON CBT SERIES 210 Bar</u></b>									
	SHAFT	SPIGOT	MOUNT		SUCTION	PRESSURE	ROTATION		
	1/2" P/Key	45.25mm	4 BOLT 50.08 X 50.08		25.4mm PIPE	1/2" NPT	C/W		
	5/8" P/KEY	3-1/4"	2 BOLT		1" NPT	3/4" NPT	C/W		
NOTE; TO WORK OUT Kw REQUIRED, YOU ONLY NEED TO TAKE THE HIGHEST VALUE IN Kw AND THEN USE COLUMN G OR COLUMN J , NOT BOTH									
<b><u>PUMP CBT 6.3 - 2.1</u></b>									
	A	B	C	D	E	F	G	H	J
	PUMP	CC/REV	CC/REV	Bar	Bar	FLOW	MAX K.w.	FLOW	MAX K.w.
	R P M	HI	LOW	HI	LOW	COMBINED	REQUIRED	LOW	REQUIRED
72H-C-6-3-2-1	1450	6.3	2.1	210	30 - 60	12 LITER	0.7 - 1.4	3 LITER	1.2
72H-C-6-3-2-1	2500	6.3	2.1	210	30 - 60	21 LITER	1.2 - 2.5	5.3 LITER	2.2
72H-C-6-3-2-1	3600	6.3	2.1	210	30 - 60	30 LITER	1.8 - 3.5	7.6 LITER	3.3
SUGGESTED PETROL ENGINE GX200									
<b><u>PUMP CBT 10.9 - 3.6</u></b>									
	A	B	C	D	E	F	G	H	J
	PUMP	CC/REV	CC/REV	Bar	Bar	FLOW	MAX K.w.	FLOW	MAX K.w.
	R P M	HI	LOW	HI	LOW	COMBINED	REQUIRED	LOW	REQUIRED
72H-C-10-9-3-6	1450	10.9	3.6	210	30 - 60	21 LITER	1.2 - 2.5	5.2 LITER	2.1
72H-C-10-9-3-6	2500	10.9	3.6	210	30 - 60	36 LITER	2.2 - 4.3	9 LITER	3.8
72H-C-10-9-3-6	3600	10.9	3.6	210	30 - 60	52 LITER	3.1 - 6.1	12.9 LITER	5.3
SUGGESTED PETROL ENGINE GX270									
<b><u>PUMP CBT 22.9 - 7.6</u></b>									
	A	B	C	D	E	F	G	H	J
	PUMP	CC/REV	CC/REV	Bar	Bar	FLOW	MAX K.w.	FLOW	MAX K.w.
	R P M	HI	LOW	HI	LOW	COMBINED	REQUIRED	LOW	REQUIRED
72H-C-22-9-7-6	1450	22.9	7.6	210	30 - 60	44.2 LITER	2.6 - 5.2	11.0 LITER	4.5
72H-C-22-9-7-6	2500	22.9	7.6	210	30 - 60	76.2 LITER	4.5 - 9	19.0 LITER	8.0
72H-C-22-9-7-6	3600	22.9	7.6	210	30 - 60	109.8 LITER	6.4 - 12.9	27.4 LITER	11.3
SUGGESTED PETROL ENGINE GX630									
<b><u>CYLINDER SHAFT SPEEDS IN SECONDS</u></b>									
	INPUT	SHAFT OUT	SHAFT IN	SHAFT OUT	SHAFT IN	SHAFT OUT	SHAFT IN	SHAFT OUT	SHAFT IN
	FLOW	76.2mm BORE	76.2mm BORE	101.6mm BORE	101.6mm BORE	127mm BORE	127mm BORE	127mm BORE	127mm BORE
	IN	CYLINDER	38mm SHAFT	CYLINDER	50.8mm SHAFT	CYLINDER	50.8mm SHAFT	CYLINDER	50.8mm SHAFT
	LITER	500 mm	500 mm	500m	500 mm	500 mm	500 mm	500 mm	500 mm
	3	45	34	81	61	127	106	127	106
	5.2	26	20	47	35	73	61	73	61
	11	12	9.3	22	17	35	29	35	29
	12.1	11.2	8.4	19.8	14.8	31.3	26.3	31.3	26.3
	21	6.5	4.8	12	8.7	18	15	18	15
	44.2	3	2.3	5.5	4.1	8.6	7.2	8.6	7.2
<b><u>LS-TW LOG SPLITTER VALVE</u></b>									
72H-LS-TW-20F	LS-TW CONTROL VALVE HAND OPERATED WITH ONE WAY DETENT PRESSURE RELEASE DETENT								
	FLOW	PORTS	PORTS	DETENT ONE WAY		SPOOL	MAX		
	RATE	P&T	A&B	PRESSURE RELEASE		TYPE	PRESSURE		
	95 L	3/4" NPT	1/2" NPT	30 - 70 Bar		CYLINDER	210		
72H-LS-TW-S-KIT	LS-TW CONTROL VALVE SEAL KIT								
									
PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY								PAGE M 2	

Part Number	<b>TAK - BOK HI / LOW GEAR PUMPS</b>						RETAIL:		
							<b>01-10-2022</b>		
	<u><b>BHLP1 SERIES: HI / LOW PUMPS FOR ELECTIC MOTOR FITMENT</b></u>								
	<u><b>TECHNICAL SPECS ON BHLP SERIES 210 Bar</b></u>								
	SHAFT	SPIGOT	MOUNT	SUCTION	PRESSURE	ROTATION			
	1:8 TAPER Key	25.4 mm	4 BOLT	3/4 "BSPP	1/2 "BSPP	C/W			
	<u><b>PUMP BHLP1 BO D 2.1 / 5.8</b></u>								
	A	B	C	D	E	F	G	H	J
	PUMP	CC/REV	CC/REV	Bar	Bar	FLOW	MAX K.w.	FLOW	MAX K.w.
	R P M	HI	LOW	HI	LOW	COMBINED	REQUIRED	LOW	REQUIRED
72H-BHLP2-1-5-8	1450	2.1	5.8	210	30 - 60	11.4 LITER	0.7 - 1.4	3 LITER	1.2
	<u><b>PUMP BHLP1 BO D 3.7 / 9.8</b></u>								
	A	B	C	D	E	F	G	H	J
	PUMP	CC/REV	CC/REV	Bar	Bar	FLOW	MAX K.w.	FLOW	MAX K.w.
	R P M	HI	LOW	HI	LOW	COMBINED	REQUIRED	LOW	REQUIRED
72H-BHLP3-7-9-8	1450	9.8	3.7	210	30 - 60	19.5	1.2 - 2.5	5.2 LITER	2.2
	NOTE; TO WORK OUT Kw REQUIRED, YOU ONLY NEED TO TAKE THE HIGHEST VALUE IN Kw AND THEN USE COLUMN G OR COLUMN J , NOT BOTH								
	<u><b>CYLNDER SHAFT SPEEDS IN SECONDS</b></u>								
	INPUT	SHAFT OUT	SHAFT IN	SHAFT OUT	SHAFT IN	SHAFT OUT	SHAFT IN	SHAFT OUT	SHAFT IN
	FLOW	76.2mm BORE	76.2mm BORE	101.6mm BORE	101.6mm BORE	127mm BORE	127mm BORE	127mm BORE	127mm BORE
	IN	CYLINDER	38mm SHAFT	CYLINDER	50.8mm SHAFT	CYLINDER	50.8mm SHAFT	CYLINDER	50.8mm SHAFT
	LITER	500 mm	500 mm	500m	500 mm	500 mm	500 mm	500 mm	500 mm
	3	45	34	81	61	127	106	127	106
	5.2	26	20	47	35	73	61	73	61
	9	15	11	26	20	42	35	42	35
	11.4	12	9.3	22	17	35	29	35	29
	19.5	7	5	12	9	16	23	16	23
	21	6.5	4.8	11	8.7	18	15	18	15
	36	4	3	6	5	10	9	10	9
	76.2			3	2	5	4	5	4
	<u><b>LS-TW LOG SPLITTER VALVE</b></u>								
72H-LS-TW-20F	LS-TW CONTROL VALVE HAND OPERATED WITH ONE WAY DETENT PRESSURE RELEASE DETENT								
	FLOW	PORTS	PORTS	DETENT ONE WAY		SPOOL	MAX		
	RATE	P&T	A&B	PRESSURE RELEASE		TYPE	PRESSURE		
	95 L	3/4" NPT	1/2" NPT	30 - 70 Bar		CYLINDER	210		
72H-LS-TW-S-KIT	LS-TW CONTROL VALVE SEAL KIT								
									
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY								
	PAGE M 3								

**CBT SERIES HI / LOW PUMPS**

72H-C-6-3-2-1	PUMP CBT 6.3 cc - 2.1 cc
72H-C-10-9-3-6	PUMP CBT 10.9 cc - 3.6 cc
72H-C-22-9-7-6	PUMP CBT 22.9 cc - 7.6 cc

**TECHNICAL SPECS ON CBT SERIES 210 Bar**

SHAFT	SPIGOT	MOUNT	SUCTION	PRESSURE	ROTATION
1/2" P/Key	45.25mm	4 BOLT 50.08 X 50.08	25.4mm PIPE	1/2" NPT	C/W
5/8" P/KEY	3-1/4"	2 BOLT	1" NPT	3/4" NPT	C/W

**LOG SPLITTER VALVE**

72H-LS-TW-20F	LS-TW LOG SPLITTER VALVE HAND OPERATED ONE WAY WITH DETENT PRESSURE RELEASE
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**LOG SPLITTER CYLINDER**

82H-TKLOG518	LOG SPLITTER CYLINDER 125 X 810 X 1267 X 75
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**SPECS**

LOG SPLITTER CYLINDER 25 TONS @ 210 BAR PISTON SIDE
BORE 125mm
CLOSED CENTRE 810mm
OPEN CENTRE 1267mm
STROKE 457mm
SHAFT OD 75mm

