



ACCESSORIES



HIRSCH HYDRAULIC

SERVICES cc

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

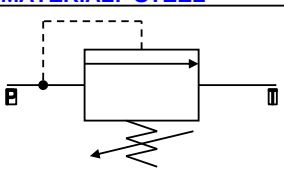
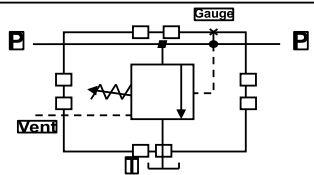
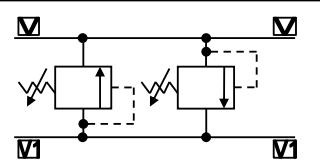
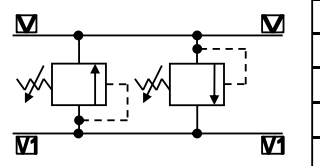
P.O. Box 334, Bergvliet, 7864

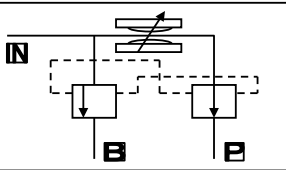
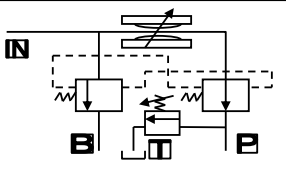
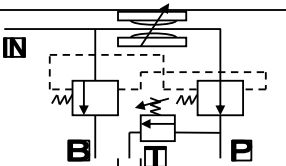
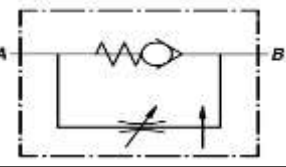
Tel: (021) 706 7573

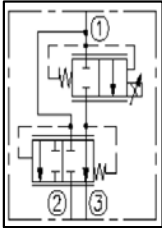
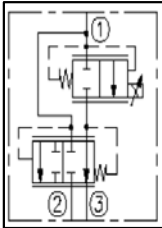
Cell: (+27) 082 728 7796 / (+27) 083 373 7556

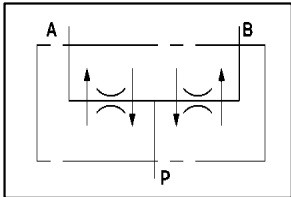
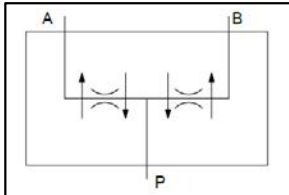
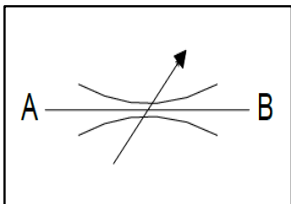
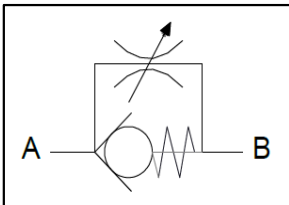
Email: sales@hirschyd.co.za

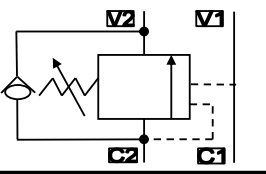
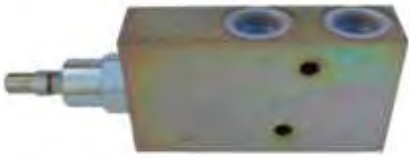
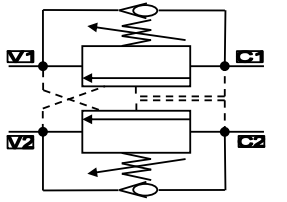
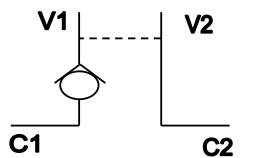
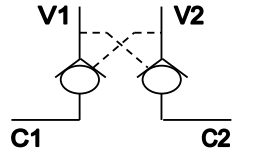
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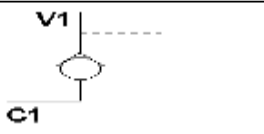
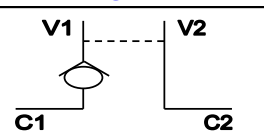
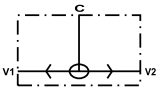
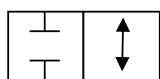
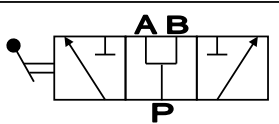
Part Number	HYDRAULIC PRESSURE CONTROL VALVES			RETAIL:
				13-04-2023
<u>RELIEF VALVES DIRECT ACTING</u>				
63H-V01200006	VMP 3/8"	3/8" BSPP THREADS	45 LITRE INLET	
63H-V01200008	VMP 1/2"	1/2" BSPP THREADS	70 LITRE INLET	
63H-V01200012	VMP 3/4"	3/4" BSPP THREADS	120 LITRE INLET	
63H-V01203516	VMPP 1"	1" BSPP THREADS	180 LITRE INLET	
3 PORT BLOCK TYPE IN-LINE RELIEF VALVES (P + P + T)				
MAXIMUM OPERATING PRESSURE: 350 BAR				
MATERIAL: STEEL				
				
<u>RELIEF VALVES PILOT OPERATED BALANCED PISTON TYPE</u>				
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	
3 PORT BLOCK TYPE IN-LINE RELIEF VALVES (P + P + T)				
OPTIONAL VENT AND GAUGE PORT				
MAXIMUM OPERATING PRESSURE: 210 BAR				
MATERIAL: CAST IRON				
				
				
<u>RELIEF VALVE DUAL CROSS OVER</u>				
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	
DUAL ACTING RELIEFS, INLINE TYPE				
MAXIMUM OPERATING PRESSURE: 300 BAR				
MATERIAL: STEEL				
				
<u>RELIEF VALVE DUAL CROSS PORT TYPE BMR / OMR MOTOR</u>				
63H-V05900500	VAU/DE1/2"CP/R BMR MOTOR CROSS OVER PORT RELIEF			
DUAL ACTING RELIEFS, INLINE TYPE				
MAXIMUM OPERATING PRESSURE: 250 BAR				
MATERIAL: STEEL				
				
PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY				
PAGE D 1				

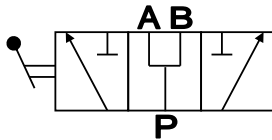
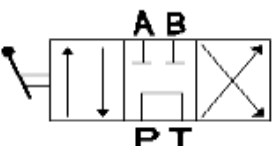
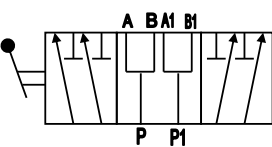
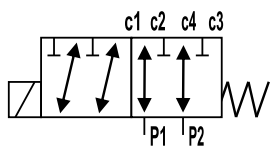
Part Number	HYDRAULIC FLOW CONTROL VALVES			RETAIL:
				15-02-2023
	<u>PRIORITY FLOW DIVIDER ADJUSTABLE</u>			
63H-V62150320	RF40/P	1/2" BSPP THREADS	40 LITRE INLET	
63H-V62150322	RF70/P	3/4" BSPP THREADS	70 LITRE INLET	
	3 PORT BLOCK TYPE WITH ADJUSTABLE KNOB			
	MAXIMUM OPERATING PRESSURE 250 BAR	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

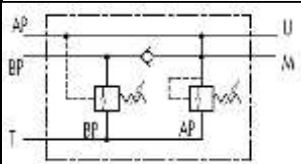
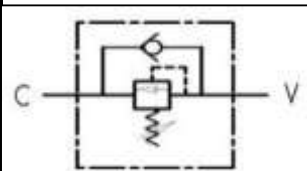
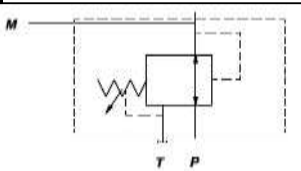
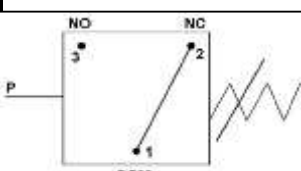
Part Number	HYDRAULIC FLOW CONTROL VALVES	RETAIL:
		12-05-2026
	<u>NORMALLY CLOSED PRESSURE COMPENSATED PROPORTIONAL FLOW REGULATOR 30 LITERS OUTLET (3)</u>	
63H-TKPV70-6	TKPV70 : PORTS 3/8" BSPP	
	FLOW RATE : (3) REG FLOW OUTLET 30 LITERS (1) MAX INLET FLOW 49 LITERS (2) BY-PASS	
	INCLUDED : 12V COIL DEUTSCH CONNECTION WITH WIRES, MANUAL OVERRIDE CONTROL POSSIBLE	
	<u>ACCESSORIES FOR VALVES BELOW</u>	
63H-TKPV70-12V	12V COIL WITH DEUTSCH FEMALE CONNECTOR	
63H-TKPV70-SP	VALVE SPOOL WITH MANUAL OVERRIDE AND NUT	
63H-TKPV70-BD	BODY WITH 3/8" BSPP THREADED PORTS NUMBERED (1) INLET (2) BYPASS (3) REGULATED	
63H-TKPV70-CO	12V COIL WITH DEUTSCH MALE CONNECTOR WITH WIRES	
63H-TK-PWM	PWM HKD DC MOTOR CONTROL DRIVE 10A 6-90V	
	   	
	FLOW CONTROL VALVE 30 LITERS	
	<u>NORMALLY CLOSED PRESSURE COMPENSATED PROPORTIONAL FLOW REGULATOR 100 LITERS OUTLET (3)</u>	
63H-TKPV76-16	TKPV76 : PORTS 1" SAE	
63H-TKPV76-12	TKPV76 : PORTS 3/4" BSPP	
	FLOW RATE : (3) REG FLOW OUTLET 100 LITERS (1) MAX INLET FLOW 150 LITERS (2) BY-PASS	
	INCLUDED : 12V COIL DEUTSCH CONNECTION WITH WIRES, MANUAL OVERRIDE CONTROL POSSIBLE	
	<u>ACCESSORIES FOR VALVES BELOW</u>	
63H-TKPV76-12V	12V COIL WITH DEUTSCH FEMALE CONNECTOR	
63H-TKPV76-SP	VALVE SPOOL WITH MANUAL OVERRIDE AND NUT	
63H-TKPV76-BD	BODY WITH 1" SAE THREADED PORTS NUMBERED (1) INLET (2) BYPASS (3) REGULATED	
63H-TKPV76-CO	12V COIL WITH DEUTSCH MALE CONNECTOR WITH WIRES	
63H-TK-PWM	PWM HKD DC MOTOR CONTROL DRIVE 10A 6-90V	
	   	
	FLOW CONTROL VALVE 100 LITERS	
	<u>OVERVIEW</u>	
DESCRIPTION	The PV70-30 is a solenoid operated, pressure compensated, spool type, normally closed, priority type proportional flow control regulator. It can also be used as a restrictive type, 2-way, pressure compensated proportional flow regulator (with port 2 blocked).	
OPERATION	With inlet flow at port 1 the valve will regulate priority flow out of port 3 regardless of system working pressure with flow rate proportional to current applied to the solenoid. The excessive flow will bypass out of port 2. The bypass flow CAN be used for auxiliary function control. In restrictive mode applications bypass port 2 has to be blocked, flow rate out of port 3 remains proportional to current applied to the solenoid regardless of load (pressure) applied to port 3.	
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY	PAGE D 3A

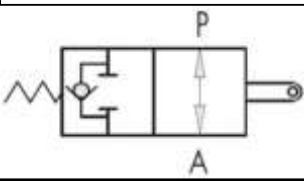
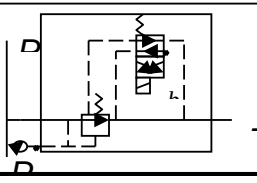
Part Number	HYDRAULIC FLOW CONTROL VALVES			RETAIL:
				12-05-2026
	<u>FLOW BALANCING VALVE</u>			
63H-FDV-B-06	FDV-3-6	3/8" BSPP THREADS	INLET 3 / 6 LITRES	
63H-FDV-C-06	FDV-6-10	3/8" BSPP THREADS	INLET 6 / 10 LITRES	
	MAXIMUM OPERATING PRESSURE 300 BAR			
	MATERIAL: ZINC PLATED			
				
	<u>FLOW DIVIDER 50 / 50 SPLIT</u>			
63H-FDV-F-08	FDV-25-40	1/2" BSPP THREADS	INLET 25 / 40 LITRES	
63H-FDV-G-08	FDV-40-60	1/2" BSPP THREADS	INLET 40 / 60 LITRES	
	MAXIMUM OPERATING PRESSURE 250 BAR			
	MATERIAL: CAST IRON			
				
	<u>FLOW RESTRICTOR ADJUSTABLE BIDIRECTIONAL (NEEDLE TYPE)</u>			
63H-FCV-2-90-04	FCVC-2-90-04	1/4" 1/4" BSPP THREADS	15 LITRE INLET	
63H-FCV-2-90-06	FCVC-2-90-06	3/8" 3/8" BSPP THREADS	30 LITRE INLET	
63H-FCV-2-90-08	FCVC-2-90-08	1/2" 1/2" BSPP THREADS	50 LITRE INLET	
63H-FCV-2-90-12	FCVC-2-90-12	3/4" 3/4" BSPP THREADS	90 LITRE INLET	
	MAXIMUM OPERATING PRESSURE 350 BAR			
	RESTRICTED BOTH WAYS			
	MATERIAL: ZINC PLATED			
				
	<u>FLOW RESTRICTOR ADJUSTABLE (NEEDLE TYPE + CHECK)</u>			
63H-FCV-1-90-04	FCV-1-90-04	1/4" 1/4" BSPP THREADS	15 LITRE INLET	
63H-FCV-1-90-06	FCV-1-90-06	3/8" 3/8" BSPP THREADS	30 LITRE INLET	
63H-FCV-1-90-08	FCV-1-90-08	1/2" 1/2" BSPP THREADS	50 LITRE INLET	
63H-FCV-1-90-12	FCV-1-90-12	3/4" 3/4" BSPP THREADS	80 LITRE INLET	
	MAXIMUM OPERATING PRESSURE 400 BAR			
	CHECKED ONE WAY FREE FLOW OTHER			
	MATERIAL: ZINC PLATED			
				
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY			PAGE D 3B

Part Number	HYDRAULIC LOAD HOLDING VALVES			RETAIL:
				15-02-2023
	<u>OVERCENTRE VALVE SINGLE ACTING</u>			
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			
				
	<u>OVERCENTRE VALVE DOUBLE ACTING</u>			
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			
				
	<u>CHECK VALVE PILOT OPERATED SINGLE ACTING</u>			
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			
				
	<u>CHECK VALVE PILOT OPERATED DOUBLE ACTING</u>			
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			
				
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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					
						
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Part Number	HYDRAULIC DIVERTERS VALVES				RETAIL:
					15-02-2023
	<u>DIVERTER VALVE THREE WAY OPEN CENTRE</u>				
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		
	MAXIMUM OPERATING PRESSURE: 280 BAR				
	MATERIAL: CAST IRON				
					
	<u>DIVERTER VALVE FOUR WAY OPEN CENTRE</u>				
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		
	MAXIMUM OPERATING PRESSURE: 280 BAR				
	MATERIAL: CAST IRON				
					
	<u>DIVERTER VALVE SIX WAY OPEN CENTRE</u>				
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		
	MAXIMUM OPERATING PRESSURE: 280 BAR				
	MATERIAL: CAST IRON				
					
	<u>DIVERTER VALVE TWO WAY 6 PORT SOLENOID OPERATED</u>				
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	
	MAXIMUM OPERATING PRESSURE: 310 BAR				
	STACKABLE UP TO 5 BODIES				
	MATERIAL: CAST IRON				
					
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY				PAGE D 6

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

Part Number	HYDRAULIC COMPONENTS					RETAIL:
						15-02-2023
	<u>END - STROKE VALVE</u>					
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		
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY					PAGE D 8

Part Number	TRACTOR STEP - UP GEAR BOXES		RETAIL: 15-02-2023
	<u>P.T.O. GEAR BOXES FEMALE DRIVE 12 Kw</u>		
	<u>GROUP 2 PUMP</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>P.T.O. GEAR BOXES FEMALE DRIVE 20Kw</u>		
	<u>GROUP 3 & 2 PUMP</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>P.T.O. GEAR BOXES MALE DRIVE 20Kw</u>		
	<u>GROUP 3 & 2 PUMP</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>P.T.O. GEAR BOXES MALE / FEMALE THROUGH DRIVE 20Kw</u>		
	<u>GROUP 3 & 2 PUMP</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		
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY		
	PAGE D 9		

Part Number	PUMP OUTBOARD BEARING SUPPORT		RETAIL:
			15-02-2023
	<u>GROUP 2 OUTBOARD BEARING SUPPORT</u>		
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		
	<u>GROUP 3 OUTBOARD BEARING SUPPORT</u>		
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		
	<u>SPLINED COUPLINGS</u>		
	<u>MALE</u>		
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		
			
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY		PAGE D 10

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Part Number	HYDRAULIC TANKS & ACCESSORIES						RETAIL:	
							15-02-2023	
	<u>WELDLESS STEEL TANKS FOR POWER PACKS</u> (WITHOUT LID)							
	<u>TOTAL OIL CAPACITY</u>	<u>LENGTH</u>	<u>WIDTH</u>	<u>HEIGHT</u>	<u>FEET</u>	<u>TOTAL HEIGHT</u>		
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		
	<u>BLANK STEEL LIDS FOR TANKS</u>							
	<u>TOTAL OIL CAPACITY</u>	<u>LENGTH</u>	<u>WIDTH</u>	<u>THICKNESS</u>				
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				
								
	<u>TECHNICAL SPECIFICATIONS</u>							
	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							
	<u>TANK TOP FILLER BREATHERS</u>							
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)							
	<u>LEVEL GAUGES</u>							
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)							
	<u>LEVEL GAUGES PLUG TYPE</u>							
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							
	<u>ELECTRICAL LEVEL INDICATOR</u>							
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							
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY						PAGE G 1	

Part Number	HYDRAULIC GAUGES				RETAIL:	
					15-02-2023	
<u>GAUGE BOTTOM ENTRY</u>						
	<u>PRESSURE RANGE</u>	<u>FACE O/D</u>	<u>THREAD BSP</u>			
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"			
<u>GAUGE REAR ENTRY</u>						
	<u>PRESSURE RANGE</u>	<u>FACE O/D</u>	<u>THREAD BSP</u>			
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"			
<u>GAUGE DIGITAL BOTTOM ENTRY 0 : 700 Bar</u>						
	<u>PRESSURE RANGE</u>	<u>FACE O/D</u>	<u>THREAD BSP</u>			
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					
<u>QUADRIGAUGE</u>						
	<u>PRESSURE RANGE</u>	<u>0 - 5000 PSI</u>	<u>0 - 350 BAR</u>			
66H-03740019	1/8" NPT FEMALE FITTING ON GAUGE MALE ON HOSE					
<u>GAUGE HOSE ASSEMBLIES & TEST POINTS</u>						
	<u>PRESSURE RANGE ;</u>	<u>GAUGE THREAD</u>	<u>MINI MESS THREAD</u>	<u>LENGTH</u>		
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		
<u>MINI MESS TEST POINT</u>						
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			
<u>GAUGE ISOLATOR</u>						
66H-DFPE1G0400	GAUGE ISOLATOR 1/4" NPT THREAD					
PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY						
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Part Number	FILTRATION ACCESSORIES				RETAIL:
					01-10-2022
	<u>IN LINE SPIN - ON FILTER HEADS</u> (RETURN LINE ONLY)				
	<u>DESCRIPTION</u>	<u>PORTS</u>	<u>FLOW RATE @ 40 KPA</u>		
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		
					
	<u>SPIN - ON FILTER CANS</u>				
	<u>DESCRIPTION</u>	<u>FILTER HEAD</u>	<u>FLOW RATE</u>	<u>MICRON</u>	
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	
	<u>VISUAL INDICATORS</u>				
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			
	<u>SUCTION STRAINERS</u> (SUCTION LINE ONLY 125 MICRON)				
	<u>DESCRIPTION</u>	<u>PORTS</u>	<u>FLOW RATE</u>		
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		
					
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY				PAGE H 1

Part Number	FILTRATION ACCESSORIES			RETAIL:
				01-10-2022
	<u>TANK TOP RETURN LINE FILTER BODY</u> (INCLUDES 20 MICRON ELEMENT)			
	<u>DESCRIPTION</u>	<u>FILTER HEAD</u>	<u>FLOW RATE @ 15 KPA</u>	
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	
	<u>TANK TOP RETURN ELEMENTS</u> (RETURN LINE ONLY, BY-PASS SET 170 KPA)			
	<u>DESCRIPTION</u>	<u>FILTER HEAD</u>	<u>FLOW RATE @ 15 KPA</u>	<u>MICRON</u>
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
	<u>TANK TOP RETURN ELEMENTS</u> (RETURN LINE ONLY, BY-PASS SET 170 KPA)			
	<u>DESCRIPTION</u>	<u>FILTER HEAD</u>	<u>FLOW RATE @ 40 KPA</u>	<u>MICRON</u>
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
	<u>HIGH PRESSURE IN LINE FILTER</u> (INCLUDES ELEMENT & INDICATOR)			
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	
				
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY			PAGE H 2

Part Number	DRIVE COUPLINGS								RETAIL:
									01-10-2022
	<u>PARALLEL SHAFT COUPLINGS H R C (TAPER LOCK)</u>								
	MOTOR	TAPER	PUMP	TAPER	COUPLING	RUBBER	ELECTRIC	ELECTRIC	
	SHAFT	LOCK BUSH	SHAFT	LOCK BUSH	HRC TYPE	ELEMENT	FRAME	K.W.	
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	
	<u>TAPER LOCK BUSH METRIC</u>								
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								
	<u>TAPER LOCK BUSH IMPERIAL</u>								
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"								
	<u>COUPLING FLANGE</u>								
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								
	<u>COUPLING RUBBER</u>								
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								
	POWER RATINGS WORKED OUT AS BELOW								
	SERVICE FACTOR X 2,5 @ 1440 RPM								
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY								PAGE 1

Part Number	DRIVE COUPLINGS								RETAIL:
									13-04-2023
	<u>PARALLEL SHAFT COUPLING</u> (BLANK)								
	DESC	Nm	MAX Kw	MAX rpm	MAX BORE	LENGTH	NYLON OD	STEEL OD	
		@ 1500 rpm	cont						
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	
	<u>NYLON SLEEVE ONLY</u>								
68H-HOF28NS	SLEEVE HOF 28 NS								
68H-HOF42NS	SLEEVE HOF 42 NS								
68H-HOF55NS	SLEEVE HOF 55 NS								
	<u>PARALLEL SHAFT COUPLING</u> (BORED)								
	HUBS PRE - BORED ;								
	PRICED PER SIDE ; 2 SIDES TO BE ADDED TO A BLANK UNIT PRICE								
	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			
	<u>SPLINED BILLETS</u>								
	<u>FEMALE</u>								
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					
	<u>MALE / FEMALE ADAPTORS</u>								
68H-09-13SAE	9 - 13 TOOTH ADAPTOR								
68H-13-14SAE	13 - 14 TOOTH ADAPTOR								
	PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY								PAGE 12

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Part Number	TAK - BOK GEAR FLOW DIVIDER								RETAIL:
									01-10-2022
<u>1FDF SERIES FLOW DIVIDER UP TO 4 STAGES</u>									
	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	
<u>TECHNICAL SPECS</u>									
COMBINER TYPE; REVERSIBLE FLOW WITH BUILT IN RELIEFS TO SYNCHRONISE									
EACH PUMP HOUSING HAS SEPARATE BUILT IN RELIEF VALVES NO TANK LINE REQUIRED									
<u>2FDF SERIES FLOW DIVIDER UP TO 8 STAGES</u>									
	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	
<u>TECHNICAL SPECS</u>									
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									
<u>2FDF SERIES FLOW DIVIDER</u>									
									
<u>1FDF SERIES FLOW DIVIDER</u>									
									
PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY									
									PAGE M 1

Part Number	TAK - BOK HI / LOW GEAR PUMPS									RETAIL:
										01-10-2022
	<u>BHLP1 SERIES; HI / LOW PUMPS FOR ELECTIC MOTOR FITMENT</u>									
	<u>TECHNICAL SPECS ON BHLP SERIES 210 Bar</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>PUMP BHLP1 BO D 2.1 / 5.8</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>PUMP BHLP1 BO D 3.7 / 9.8</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>CYLNDER SHAFT SPEEDS IN SECONDS</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	106	106	
	5.2	26	20	47	35	73	61	61	61	
	9	15	11	26	20	42	35	35	35	
	11.4	12	9.3	22	17	35	29	29	29	
	19.5	7	5	12	9	16	23	23	23	
	21	6.5	4.8	11	8.7	18	15	15	15	
	36	4	3	6	5	10	9	9	9	
	76.2			3	2	5	4	4	4	
	<u>LS-TW LOG SPLITTER VALVE</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

Part Number	HI / LOW PUMPS						RETAIL:
							01-10-2022
<u>CBT SERIES HI / LOW PUMPS</u>							
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						
<u>TECHNICAL SPECS ON CBT SERIES 210 Bar</u>							
	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	
<u>LOG SPLITTER VALVE</u>							
72H-LS-TW-20F	LS-TW LOG SPLITTER VALVE HAND OPERATED ONE WAY WITH DETENT PRESSURE RELEASE						
<u>LOG SPLITTER CYLINDER</u>							
82H-TKLOG518	LOG SPLITTER CYLINDER 125 X 810 X 1267 X 75						
<u>SPECS</u>							
LOG SPLITTER CYLINDER 25 TONS @ 210 BAR PISTON SIDE							
BORE 125mm							
CLOSED CENTRE 810mm							
OPEN CENTRE 1267mm							
STROKE 457mm							
SHAFT OD 75mm							
							
							
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