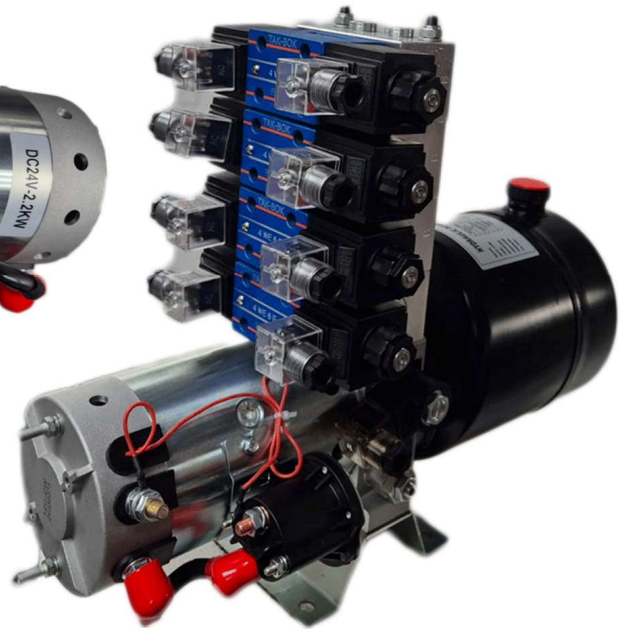




# MINI POWER PACKS

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## HIRSCH HYDRAULIC SERVICES



Unit 15, South Cape Industrial Park, 19 Leo Road, Diep River, Cape Town 7800  
P.O. Box 334, Bergvliet 7864

Tel: (021) 706 7573

Cell: 0827287796 / 0833737556

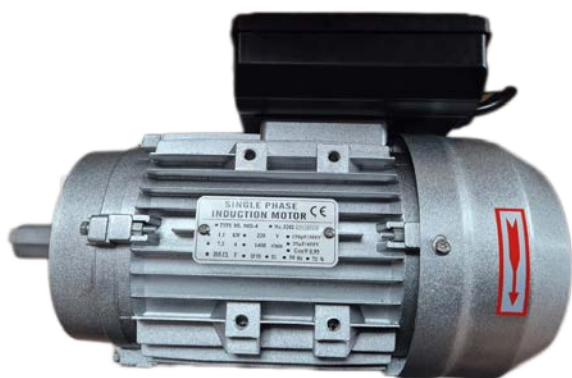
Email: [sales@hirschyd.co.za](mailto:sales@hirschyd.co.za)

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



<u>Code Number</u>	<b>MINI POWER PACKS</b>	RETAIL:
		25-09-2024
	<b><u>MAKE - UP MINI POWER PACKS ; TKM SERIES</u></b>	
85H-108-D12-1-1	SINGLE ACTING; 1.1Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-D12-1-6	SINGLE ACTING; 1.6Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-D12-2-0	SINGLE ACTING; 2.0Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-D12-1-1	DOUBLE ACTING; 1.1Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-D12-1-6	DOUBLE ACTING; 1.6Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-D12-2-0	DOUBLE ACTING; 2.0Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-D24-1-1	SINGLE ACTING; 1.1Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-D24-1-6	SINGLE ACTING; 1.6Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-D24-2-0	SINGLE ACTING; 2.0Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-D24-3-0	SINGLE ACTING; 3.0Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-D24-1-1	DOUBLE ACTING; 1.1Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-D24-1-6	DOUBLE ACTING; 1.6Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-D24-2-0	DOUBLE ACTING; 2.0Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-D24-3-0	SINGLE ACTING; 3.0Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A22-0-7	SINGLE ACTING; 0.7Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A22-1-1	SINGLE ACTING; 1.1Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A22-1-5	SINGLE ACTING; 1.5Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A22-2-2	SINGLE ACTING; 2.2Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A22-3-3	SINGLE ACTING; 3.3Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A22-0-7	DOUBLE ACTING; 0.7Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A22-1-1	DOUBLE ACTING; 1.1Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A22-1-5	DOUBLE ACTING; 1.5Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A22-2-2	DOUBLE ACTING; 2.2Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A22-3-3	DOUBLE ACTING; 3.3Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A38-1-1	SINGLE ACTING; 1.1Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A38-1-5	SINGLE ACTING; 1.5Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A38-2-2	SINGLE ACTING; 2.2Kw P PORT & SOLENOID DUMP; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A38-3-0	SINGLE ACTING; 3.0Kw P PORT & SOLENOID DUMP; FLOW MAX 22L; TANKS 4L TO 15L; MAX P 250Bar	
85H-108-A38-4-0	SINGLE ACTING; 4.0Kw P PORT & SOLENOID DUMP; FLOW MAX 22L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A38-1-1	DOUBLE ACTING; 1.1Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A38-1-5	DOUBLE ACTING; 1.5Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A38-2-2	DOUBLE ACTING; 2.2Kw P & T PORTS ; FLOW MAX 12L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A38-3-0	DOUBLE ACTING; 3.0Kw P & T PORTS ; FLOW MAX 22L; TANKS 4L TO 15L; MAX P 250Bar	
85H-107-A38-4-0	DOUBLE ACTING; 4.0Kw P & T PORTS ; FLOW MAX 22L; TANKS 4L TO 15L; MAX P 250Bar	
	<b>WIRING HARNESES</b>	
85H-BRP02-3	WIRING HARNESS FOR SINGLE ACTION	
85H-BRP02-4	WIRING HARNESS FOR DOUBLE ACTION	
85H-BRP04-6	WIRING HARNESS FOR 2 X DOUBLE ACTION	



Code Number	MINI POWER PACKS	RETAIL:
		25-09-2024
	<b>ACCESSORIES &amp; SPARES PARTS ; TKM SERIES</b>	
	<b>ELECTRIC MOTORS</b>	
	<b>12V DC MOTORS</b>	
85H-DC12-1-1	12V DC 1,1 Kw 2400 RPM + FAN + STARTER RELAY + HEAT SENSOR	
85H-DC12-1-6	12V DC 1,6 Kw 2400 RPM + FAN + STARTER RELAY + HEAT SENSOR	
85H-DC12-2-0	12V DC 2,0 Kw 2400 RPM + FAN + STARTER RELAY + HEAT SENSOR	
	<b>24V DC MOTORS</b>	
85H-DC24-1-1	24V DC 1,1 Kw 2600 RPM + FAN + STARTER RELAY + HEAT SENSOR	
85H-DC24-1-6	24V DC 1,6 Kw 2600 RPM + FAN + STARTER RELAY + HEAT SENSOR	
85H-DC24-2-2	24V DC 2,2 Kw 2600 RPM + FAN + STARTER RELAY + HEAT SENSOR	
85H-DC24-3-0	24V DC 3,0 Kw 2600 RPM + FAN + STARTER RELAY + HEAT SENSOR	
	<b>220V AC MOTORS 1 PHASE</b>	
85H-AC220-0-7	220V AC 0,7 Kw 1420 RPM + FAN	
85H-AC220-1-1	220V AC 1,1 Kw 1420 RPM + FAN	
85H-AC220-1-5	220V AC 1,5 Kw 1420 RPM + FAN	
85H-AC220-2-2	220V AC 2,2 Kw 1420 RPM + FAN	
85H-AC220-3-0	220V AC 3,0 Kw 1420 RPM + FAN	
	<b>380V AC MOTORS 3 PHASE</b>	
85H-AC380-1-1	380V AC 1,1 Kw 1420 RPM + FAN	
85H-AC380-1-5	380V AC 1,5 Kw 1420 RPM + FAN	
85H-AC380-2-2	380V AC 2,2 Kw 1420 RPM + FAN	
85H-AC380-3-0	380V AC 3,0 Kw 2850 RPM + FAN	
85H-AC380-4-0	380V AC 4,0 Kw 2850 RPM + FAN	
	<b>STARTER COILS</b>	
85H-SW-12V-150	12V DC STARTER COIL 150 AMP	
85H-SW-12V-200	12V DC STARTER COIL 200 AMP	
85H-SW-24V-150	24V DC STARTER COIL 150 AMP	
85H-SW-24V-200	24V DC STARTER COIL 200 AMP	
	<b>DC MOTOR COUPLINGS</b>	
85H-CUP-360007	GROUP1 OD 80mm	
85H-CUP-360008	GROUP1 OD 114mm	
	<b>AC MOTOR COUPLINGS</b>	
85H-CUP-360005	GROUP1	
85H-CUP-360018	GROUP1	
85H-CUP-360013	GROUP1	
	<b>B14 AC MOTOR MOUNTING KIT</b>	
85H-MOU-B14-71	B14 AC MOUNTING KIT FOR 71 FRAME	
85H-MOU-B14-80	B14 AC MOUNTING KIT FOR 80 FRAME	
85H-MOU-B14-90	B14 AC MOUNTING KIT FOR 90 FRAME	
85H-MOU-B14-100	B14 AC MOUNTING KIT FOR 100 FRAME	





<u>Code Number</u>	<b>MINI POWER PACKS</b>		RETAIL:
			25-09-2024
	<b><u>ACCESSORIES &amp; SPARES PARTS ; TKM SERIES</u></b>		
	<b>CENTRAL MANIFOLD</b>		
85H-107	DOUBLE ACTING USE		
85H-108	SINGLE ACTING USE		
	<b>STACKING MANIFOLDS</b>		
85H-560005	SPACER MANIFOLD ADAPTOR 70mm 3/8" PORTS		
85H-560010	SPACER MANIFOLD ADAPTOR 30mm 3/8" PORTS		
85H-560006	MOTOR SIDE 90 DEGREE ROTATION MANIFOLD 60mm HIGH		
85H-560007	MOTOR SIDE 90 DEGREE ROTATION MANIFOLD 90mm HIGH		
85H-560008	TANK SIDE 90 DEGREE ROTATION MANIFOLD 60mm HIGH		
85H-560009	TANK SIDE 90 DEGREE ROTATION MANIFOLD 90mm HIGH		
85H-560101	NG6 PARALLEL CONNECTION REAR PORTS 3/8" PORTS		
85H-560102	NG6 PARALLEL CONNECTION LATERAL PORTS 3/8" PORTS		
85H-560825	MODULAR MANIFOLD TWO WAY TWO POSITION 3/8" PORTS		
85H-580082	STANDARD 2/2 MANIFOLD BLOCK A & B PORT 3/8" BSPP		
	<b>CARTRIDGE VALVES</b>		
85H-TSV2-NCP-M	2/2 NC SOLENOID VALVE WITH MANUAL EMERGENCY OVERRIDE		
85H-TSV2-NOP-M	2/2 NO SOLENOID VALVE WITH MANUAL EMERGENCY OVERRIDE		
85H-TSV2-NCSPLM	2/2 NC SOLENOID DOUBLE CHECK VALVE WITH EMERGENCY		
85H-500080-32-NC	2/2 NC MANUAL OPERATED VALVE		
85H-TMP-08-NC	2/2 NC EMERGENCY BUTTON VALVE		
85H-TCV-08	CHECK VALVE POPPET -TYPE		
85H-TICV2-G1-4	CHECK VALVE BALL-TYPE		
85H-TRV2-08-23	RELIEF VALVE RANGE 20-100 Bar		
85H-TRV2-08-6	RELIEF VALVE RANGE 50-250 Bar		
85H-THP-08	HAND PUMP		
85H-TNV2-08	FLOW CONTROL AJUSTABLE		
85H-TMRV-08	MANUAL LEVER UNLOADING VALVE		
85H-TCV-08G	PLUG		
85H-TCV-08L	PLUG		
85H-TCV-08H	PLUG		
85H-TCV-08P	PLUG		
	<b>GEAR PUMPS GROUP 1</b>		
85H-IFC-6-1	1 LITER FLOW CONTROL PRESSURE COMPENSATED		
85H-IFC-6T-2	2 LITER FLOW CONTROL PRESSURE COMPENSATED		
85H-IFC-6T-4	3 LITER FLOW CONTROL PRESSURE COMPENSATED		
85H-IFC-6T-6	4 LITER FLOW CONTROL PRESSURE COMPENSATED		
85H-IFC-6T-8	5 LITER FLOW CONTROL PRESSURE COMPENSATED		
85H-DC12COIL	12V DC COIL 13mm ID		
85H-DC24COIL	24V DC COIL 13mm ID		
85H-DC220COIL	220V DC COIL 13mm ID		
	<b>GEAR PUMPS GROUP 1</b>		
85H-GP1-0-75-A	0,75cc GP1 CODE A ROTATION CCW		
85H-GP1-1-1-B	1,1cc GP1 CODE B ROTATION CCW		
85H-GP1-1-3-C	1,3cc GP1 CODE C ROTATION CCW		
85H-GP1-1-6-D	1,6cc GP1 CODE D ROTATION CCW		
85H-GP1-2-1-E	2,1cc GP1 CODE E ROTATION CCW		
85H-GP1-2-7-F	2,7cc GP1 CODE F ROTATION CCW		
85H-GP1-3-2-G	3,2cc GP1 CODE G ROTATION CCW		
85H-GP1-3-7-H	3,7cc GP1 CODE H ROTATION CCW		
85H-GP1-4-2-I	4,2cc GP1 CODE I ROTATION CCW		
85H-GP1-4-8-J	4,8cc GP1 CODE J ROTATION CCW		
	<b>PLEASE NOTE: ALL O.E.M. NAMES OR NUMBERS ARE FOR REFERENCE USE ONLY</b>		<b>PAGE Y 3</b>

<u>Code Number</u>	<b>MINI POWER PACKS</b>	RETAIL:
		25-09-2024
	<b><u>ACCESSORIES &amp; SPARES PARTS ; TKM SERIES</u></b>	
	<b>STEEL ROUND TANK</b>	
85H-ST-120-4L	4 LITER SPIGOT 120mm OD 178mm	
85H-ST-120-6L	6 LITER SPIGOT 120mm OD 178mm	
85H-ST-120-8L	8 LITER SPIGOT 120mm OD 178mm	
85H-ST-120-10L	10 LITER SPIGOT 120mm OD 178mm	
85H-ST-120-12L	12 LITER SPIGOT 120mm OD 178mm	
85H-ST-120-15L	15 LITER SPIGOT 120mm OD 178mm	
	<b>STEEL SQUARE TANK</b>	
85H-SST-120-15	15 LITER SPIGOT 120mm L 300mm X W 250mm X H 270mm	
85H-SST-120-20	20 LITER SPIGOT 120mm L 300mm X W 300mm X H 280mm	
85H-SST-120-30	30 LITER SPIGOT 120mm L 350mm X W 300mm X H 330mm	
85H-390120	WELDABLE NECK SPIGOT 120mm	
	<b>ACCESSORIES SPARES PARTS</b>	
85H-TGT-M82-48	FOOT FLANGE	
85H-OILCAP-3-8	OIL CAP FILLER 3/8"	
85H-OILCAP-1-2	OIL CAP FILLER 1/2"	
85H-ZG38-90	HORIZONTAL SUCTION PIPE 3/8"	
85H-PSP-530	VERTICAL SUCTION PIPE 3/8"	
85H-SF-F65	RETURN LINE PIPE	
85H-RP-1-4-500	RETURN LINE PIPE	
85H-BOLT-T-M6-8	BOLTS FOR TANK SIDE	
85H-BOLT-M-M6-8	BOLTS FOR ELECTRIC MOTOR SIDE	
85H-MC002	DC ELETRIC PLASTIC COVERS MOTOR	



Code Number	MINI POWER PACKS	RETAIL: 25-09-2024
	<b>HOW TO ORDER MAKE - UP MINI POWER PACKS ; TKM SERIES</b>	
	<b>HYDRAULIC CIRCUIT; SINGLE ACTING</b>	
CODE;108	CODE; 108 = CENTRAL MANIFOLD	
	PORTS = P 3/8"BSPP & T BLOCKED	
	USE; TO EXTERNAL SINGLE ACTING FUNTION	
	MOTOR ON; TO P	
	SOLINIOD OR MANUAL ;TO T	
	FLOW CONTROL; ON T IF NEEDED	
	<b>HYDRAULIC CIRCUIT; DOUBLE ACTING</b>	
CODE;107	CODE; 107 = CENTRAL MANIFOLD	
	PORTS = P & T 3/8"BSPP	
	USE; TO EXTERNAL VALVE BANK or DIRECT MOUNT TO NG 6 VALVE BANKS	
	MOTOR ON; TO P	
	RETURN; TO T	
	FLOW CONTROL; ON T IF NEEDED	
	<b>MOTOR VOLTAGE</b>	
CODE;D12	CODE; D12 VOLTAGE DC12V	
CODE;D24	CODE; D24 VOLTAGE DC24V	
CODE;A22	CODE; A22 VOLTAGE AC220V	
CODE;A38	CODE; A38 VOLTAGE AC380V	
	<b>MOTOR POWER DC</b>	
CODE;02	CODE; 02 POWER Kw 1,1	
CODE;03	CODE; 03 POWER Kw 1,6	
CODE;04	CODE; 04 POWER Kw 2,0	
CODE;05	CODE; 05 POWER Kw 2,5	
CODE;06	CODE; 06 POWER Kw 3,0	
	<b>MOTOR POWER AC</b>	
CODE;01	CODE; 01 POWER Kw 0,75	
CODE;02	CODE; 02 POWER Kw 1,1	
CODE;03	CODE; 03 POWER Kw 1,5	
CODE;04	CODE; 04 POWER Kw 2,2	
CODE;05	CODE; 05 POWER Kw 3,0	
CODE;06	CODE; 06 POWER Kw 4,0	
	<b>MOTOR SPEEDS @ NO LOAD</b>	
	12V DC; RPM 2400; Kw 1,1 Kw 1,6 Kw 2,0	
	24V DC; RPM 2600; Kw 1,1 Kw 1,6 Kw 2,2 Kw3,0	
	220V AC; RPM 1420; Kw 0,7 Kw 1,1 Kw 1,5 Kw 2,2 Kw 3,0	
	380V AC; RPM 1420; Kw 1,1 Kw 1,5 Kw 2,2	
	380V AC; RPM 2850; Kw 3,0 Kw 4,0	



<u>Code Number</u>	<b>MINI POWER PACKS</b>	RETAIL:
		25-09-2024
	<b><u>HOW TO ORDER MAKE - UP MINI POWER PACKS ; TKM SERIES</u></b>	
	<b>PUMP DISPLACEMENT GROUP 1</b>	
CODE;A	CODE; A DISPLACEMENT cc/r 0,75 CONTINUOUS PRESSURE 230 Bar	
CODE;B	CODE; B DISPLACEMENT cc/r 1,1 CONTINUOUS PRESSURE 230 Bar	
CODE;C	CODE; C DISPLACEMENT cc/r 1,3 CONTINUOUS PRESSURE 230 Bar	
CODE;D	CODE; D DISPLACEMENT cc/r 1,6 CONTINUOUS PRESSURE 230 Bar	
CODE;E	CODE; E DISPLACEMENT cc/r 2,1 CONTINUOUS PRESSURE 230 Bar	
CODE;F	CODE; F DISPLACEMENT cc/r 2,7 CONTINUOUS PRESSURE 230 Bar	
CODE;G	CODE; G DISPLACEMENT cc/r 3,2 CONTINUOUS PRESSURE 210 Bar	
CODE;H	CODE; H DISPLACEMENT cc/r 3,7 CONTINUOUS PRESSURE 210 Bar	
CODE;I	CODE; I DISPLACEMENT cc/r 4,2 CONTINUOUS PRESSURE 210 Bar	
CODE;J	CODE; J DISPLACEMENT cc/r 4,8 CONTINUOUS PRESSURE 190 Bar	
CODE;K	CODE; K DISPLACEMENT cc/r 5,8 CONTINUOUS PRESSURE 190 Bar	
CODE;M	CODE; M DISPLACEMENT cc/r 8,0 CONTINUOUS PRESSURE 190 Bar	
	<b>TANK SIZES ROUND STEEL</b>	
CODE;ST-120-4L	CODE; ST - 120 - 4L VOLUME 4 LITERS SPIGOT 120mm OD 178mm	
CODE;ST-120-4L	CODE; ST - 120 - 6L VOLUME 6 LITERS SPIGOT 120mm OD 178mm	
CODE;ST-120-4L	CODE; ST - 120 - 8L VOLUME 8 LITERS SPIGOT 120mm OD 178mm	
CODE;ST-120-4L	CODE; ST - 120 - 10L VOLUME 10 LITERS SPIGOT 120mm OD 178mm	
CODE;ST-120-4L	CODE; ST - 120 - 12L VOLUME 12 LITERS SPIGOT 120mm OD 178mm	
CODE;ST-120-4L	CODE; ST - 120 - 15L VOLUME 15 LITERS SPIGOT 120mm OD 178mm	
	<b>TANK SIZES SQUARE STEEL</b>	
CODE;ST-120-15LCV	CODE; ST - 120 - 15LCV VOLUME 15 LITERS SPIGOT 120mm L300mm X W250mm X H270mm	
CODE;ST-120-20LCV	CODE; ST - 120 - 20LCV VOLUME 20 LITERS SPIGOT 120mm L300mm X W300mm X H280mm	
CODE;ST-120-30LCV	CODE; ST - 120 - 30LCV VOLUME 30 LITERS SPIGOT 120mm L350mm X W300mm X H330mm	
	<b>RELIEF SETTING</b>	
CODE;180	CODE; 180 Bar	
	<b>MOUNTING</b>	
CODE; H	CODE; H HORIZONTAL	
CODE; V	CODE; V VERTICAL	
	<b>OIL PORTS</b>	
CODE;A	CODE; A OIL PORT 1/4" BSPP	
CODE;B	CODE; B OIL PORT 3/8" BSPP	

