



Power Hydraulic Engineers

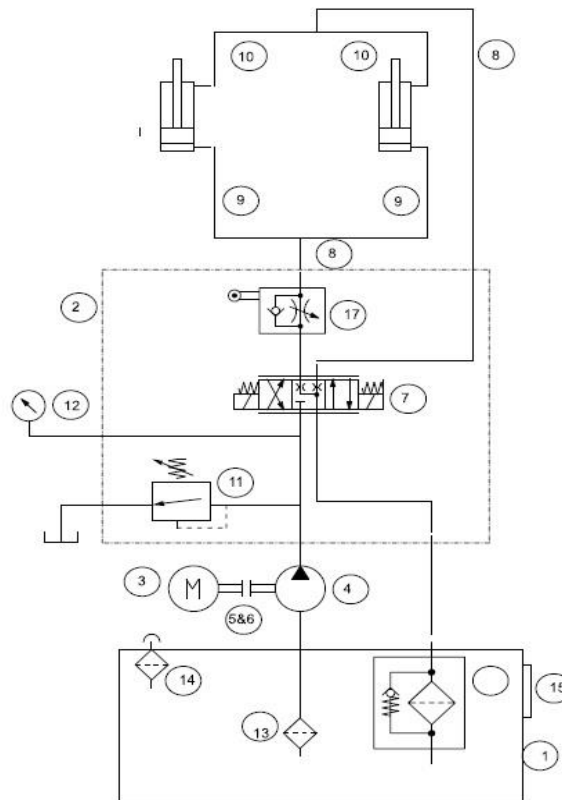
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GSTIN: 05ABAFP6082A1ZN



Sr. No	Item	Technical Specification	Brand	Qty
1	Oil Reservoir	500 mm x 350 mm x 150 mm A36/MS Oil capacity 18 litre	Manufacturer itself	1
2	Manifold Block	100 mm x 100 mm x 100 mm	Manufacturer itself	1
3	Electric Motor	3HP motor 3 phase/415 VA 1440 rpm	ABB / Crompton / Egyst	1
4	Hydraulic Pump	External gear pump Pump 8 lpm at 1500 rpm (5.5 cc/rev.)	Rexroth / Egyst	1
5	Bell Housing	Suitable for 100 L frame size motor, Mild steel or Aluminum		1
6	Flexible Coupling	Mild steel hub with Nylon Coupling	Hydax / Equivalent	1
7	Directional control Valve	Double solenoid 230 VAC 4-port 3-position ABT compacted NG6	Rexroth / Yuken egyst	1
8	Hydraulic Hoses	ID 3/8" SA E100 R2 grade , rated Press 330 bar 300 mm long with 3/8" Female End Fitting	Gates / Egyst	2
9	Hydraulic Hoses	ID 3/8" SA C100 R2 grade , rated Press 330 bar 300 mm long with 3/8" Female End Fitting	Gates / Egyst	2
10	Hydraulic Hoses	ID 3/8" SA E100 R2 grade , rated Press 330 bar 1500 mm long with 3/8" Female End Fitting	Gates / Egyst	2
11	Pressure relief Valve	Direct operated NG6, 0-250 bar	Rohdhydron / Egyst	1
12	Pressure Gauge	Glycerine filled 2.5" dial 0-400 bar	Stauff / Mass	1
13	Return line filter	TIF2-06, 3/4" BSP inlet and 3/4" Outlet	Hydcaline / Egyst	1
14	Filler Breather	FSB-05 .40 micron /150 LPM capacity	Hydcaline / Egyst	1
15	Level Gauge	LG-2-03, 3" long glass tube	Hydcaline / Egyst	1
16	Suction Strainer	BSP 3/4" Female thread 3x OD 64mm x 109 long 28 lpm flow rated filtration 125 micron	Hydcaline / Egyst	1
17	Throttle Check Valve	Modular type, Size NG6, Throttle Check valve side A, setscrew with loc key	Rexroth	1

NAME		Item: HYDRAULIC CIRCUIT			
DRAWN		Title: SC-482, PLS Unit Scissor Lift			
CHK'D					
APPV'D					
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS DO NOT SCALE DRAWING		DWG NO.: PHE1001HC125R0	PROJECTION: 1st Angle	QTY.: 1Nos	A4
		MATERIAL: A36	SCALE : NTS	SHEET 1 OF 1	