



**Hyd. Circuit Diagram of  
Twin - BHIMA with Power Helm**

SL. No.	DESCRIPTION
1	OIL RESERVOIR
2	STEERING WHEEL
3	POWER HELM
4a,4b	SUCTION STRAINER
5a,5b	HYDRAULIC PUMP
6a,6b	NON RETURN VALVE
7a,7b	FLEXIBLE COUPLING
8a,8b	ELECTRIC MOTOR
9a,9b	OIL LEVEL SENSOR
10a,10b	OIL TEMPERATURE SENSOR
11a,11b	DIP STICK
12a,12b	FILLER BREATHER
13a,13b	PRESSURE GAUGE
14a,14b	PRESSURE SWITCH
15a,15b	PRESSURE RELIEF VALVE
16a,16b	UNLOADING VALVE(DSG-01-2B60-N1-50)
17a,17b,17c,17d,17e,17f,17g,17h,17i,17j,17k	ISOLATION VALVES
18a,18b	MANIFOLD BLOCK
19a,19b	HYD. ACTUATOR Model: BHIMA
20a,20b	TILLER ARM
21a,21b,21c,21d	LIMIT SWITCHES
22a,22b	RUDDER ANGLE SENSOR
23a,23b,23c, 23d	RUDDER ANGLE INDICATORS
24	CONTROL PANEL WITH ALARMS
25	RELAY PANEL
26a,26b	HYDRAULIC POWERPACK ASSEMBLY
27a,27b	DRAIN PLUG
28a,28b	POWERPACK CONTROL PANEL
29	JUNCTION BOX
30a,30b	TEMPERATURE CONTROLLER
31a,31b	FLOW CONTROL VALVE

ITEM	SCALE	MATERIAL	VIEW	DRAWN	CHECKED
--	NTS	--		AS	UK
DESIGNATION			DWG NO	DATE	QTY
Hyd. Circuit Diagram of Twin - BHIMA-Power Helm			MHS-1818	27/02/2023	1
<b>MAC • N • HOM SYSTEMS</b> <b>KOCHI - 20</b>					