



1. Steering Wheel
2. Steering Column
3. Vertical Bracket
4. Hyd.Banjo Conn.
5. Helm Pump
6. Flanged Reservoir
7. Male Stude
8. Filler Breather
9. Oil Level Gauge
10. Hyd. Hose-R1-3/8" 12 mm.-N/N
11. Std. Coupling 12 mm.
12. Seamless Steel Tube 12 mm
13. Hyd. Hose-R1-3/8" 12 mm.-N/N
14. CETO IRS
15. Tiller Arm(customer supply)
16. Swivel Rod Eye
17. Rudder Plate(customer supply)
18. Rudder Angle Sensor
19. Rudder Angle Indicator

NOTE:
 Rev A : Added Page 2
 Rev B : Hyd. System Operating & Working pressure changed to 40 kg/cm2

Customer Name : A.H.Wadia Boat Builders
Yard No : AHWBB/1505

	MAC ♦ N ♦ HOM SYSTEMS			DESIGNATION	DWG. No.	DATE
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**HYDRAULIC CIRCUIT
SYSTEM PARAMETERS**

1) Hydraulic System

Operating Pressure : 40 kg/cm²

Testing Pressure : 90 kg/cm²

Working Pressure : 40 kg/cm²

2) Helm Steering Wheel

Diameter : 686 mm (27")

3) Seamless Steel Tube

**Material : Carbon Steel, Cold Drawn, Normalised
& Pickled Tube**

Specification : EN 10305-4

Diameter : 16 mm

Thickness : 2 mm

4) Hydraulic Cylinder

Model : CETO

Stroke : 260 mm

Ram : 20 mm x 2

5) Hydraulic Hose:

Grade : R1

I.D : 3/8"

6) Emergency Helm Pump

Model : MS-80

Discharge : 80 cc/rev

7) Rudder Angle Indicator

Model : RAI96-IP POT-24V DC

Operating Voltage : 24 V DC

Angle : 35 Deg Port to 35 Deg STBD

**Customer Name : A.H.Wadia Boat
Builders**

Yard No : AHWBB/1505



**MAC ♦ N ♦ HOM SYSTEMS
KOCHI - 20**

DESIGNATION

Sch.Hyd.Circuit-ceto with
Twin Rudder

DWG. No.

MHS-1321B
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10 - 04 -2023

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