

THIS DWG. IS SOLE PROPERTY OF NEOMETRIX ENGINEERING PVT. LTD.
 UNAUTHORISED USE OF THIS DWG. OR MAKING PRODUCT AS PER THIS DWG.
 WITHOUT OUR PERMISSION OR ANY OTHER MISUSE IS NOT PERMITTED.

NEOMETRIX
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GEAR BOX OIL/ IDG POWER PACK

SRS A3495

SPECIFICATION

- Maximum flow: 50 LPM.
- Maximum working pressure: 50 Bar.
- Pressure line filter: 10μ
- Return line filter: 25μ
- Tank capacity: 100L.
- Working temperature range: 0-65°C.
- Power supply required: 3φ, 415V±10%, 50Hz.

DANGER

- This Power unit contains a pump which is able to create a pressure up to 50Bar.
- Oil leaking under pressure can cause serious injuries.
- Before doing any kind of maintenance work we ask you to check if the unit is completely pressure-less.
- Operation of the power unit, as well as maintenance works, should only be done by qualified operators.

OPERATING INSTRUCTIONS

- Observe all safety precautions.
- Check & fill Gear box oil in reservoir above to level indicator of tank.
- Connect Hydraulic hoses inlet & outlet line to test unit.
- Be sure hoses to completely connect the Hydraulic couplings to test unit.
- Turn flow control valve anti-clockwise, fully open condition.
- Turn Back pressure valve anti-clockwise, fully open condition.
- Check & open Pump suction line Ball valve.
- Turn main switch from right side of the Rig.
- Check alarm Annunciator for all present alarm and reset it.
- Turn on Motor from control panel(Starting of sys.).
- Now, slowly set flow and pressure from Flow control valve and Back pressure valve (turn clockwise) as per test parameter required of test unit.
- Before turning off the Motor, De-pressurize the system pressure.

NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. QUANTITY: 01
3. MATERIAL: Aluminum
4. BACKGROUND COLOR: BLACK
5. TEXT COLOR: WHITE.
6. TEXT TYPE: Times New Roman.

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MAIN TITLE	PRESSURE LOSS AND LEAD TEST RIG	O.A No.	
SUB-TITLE	OPERATING INSTRUCTIONS	CROSS REF. DOC.	
CODE	A3495	CUSTOMER DWG. / REF. No.	
CUSTOMER			
END-USER			
PO NO.-			
PROJECTION	DRAWN BY & DATE	A.K.	29/08/2022
CHECKED BY & DATE	B.K	29/08/2022	SIZE
APPROVED BY & DATE	SPS	29/08/2022	SCALE
			SHEET
			No. OF
			NEO. DWG. NO.
			Rev.
			10
			11
			12