

TECHNICAL DATA

1. OPERATING PRESSURE RANGE
RETURN PRESSURE
50 bar
2. OPERATING FLUID
MINERAL OIL BASED HYDR.FLUID TO DIN 51524
PART 1-3 (ISO 6743 PART 4)
VISCOSITY 15 TO 45 mm²/s (cSt)
3. FILTER RATING
FOR NORMAL OPERATION
FOR LONGER LIFE
RECOMMENDED CLEANLINESS CLASS
FOR NORMAL OPERATION
FOR LONGER LIFE
ISO 4408 < 15/12 (NAS 8/7)
ISO 4408 < 14/11 (NAS 6/5)
4. TEMPERATURE RANGE
AMBIENT
FLUID
-20° C TO +60° C
-20° C TO +80° C
5. SEAL MATERIAL
HNR (FOR REQUEST FPM)
6. BASE O-RINGS
MOOG P/N B97009-013 (4x) (ID9,24x1,78)
AND B97009-012 (1x) (ID7,65x1,78)
7. MOUNTING SURFACE
NEEDS TO BE FLAT WITHIN 0,01mm Ra (max) (Ra<0)
8. MOUNTING BOLTS
M5x95 EN ISO 4762-10.9 (NOT INCLUDED IN DELIVERY)
REQUIRED TORQUE 8,9 Nm
9. RATED FLOW
5/10/20/40 l/min
Δ P_v = 70 bar
±0,5 mm
10. SPOOL STROKE
±10V; ±10mA; 4...20mA; CAN
11. RATED COMMAND
12. HYDRAULIC FLOW:
FLOW OUT OF PORT 'A' (C2) IF
VALVE IS CONNECTED LIKE THIS: PIN D - POSITIVE SIGNAL
13. MATING CONNECTOR
MOOG P/N B97007-061 (FOR 6+PE) DIN 43683
14. PROTECTION CLASS EN 60529
IP 65/67
15. MASS
2500 g

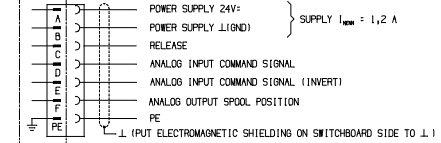
GENERAL REQUIREMENTS

ALL SIGNAL LINES, ALSO THOSE OF EXTERNAL TRANSDUCERS, SHIELDED, SHIELD CONNECTED RADIALLY TO L10V1 POWER SUPPLY SIDE, AND CONNECTED TO THE MATING CONNECTOR HOUSING (C63). ENCS MEETS THE REQUIREMENTS OF EN 95011/03.01 CLASS B, EN 50061-1/01.02 AND EN 50082-2/03.05, PERFORMANCE CRITERION CLASS A. PROTECTIVE GROUNDING LEAD ≥ 0,75 mm.
NOTE: WHEN MAKING ELECTRICAL CONNECTIONS TO THE VALVE, SHIELD/PROTECTIVE GROUNDING! APPROPRIATE MEASURES MUST BE TAKEN TO ENSURE THAT LOCALLY DIFFERENT EARTH POTENTIALS DO NOT RESULT IN EXCESSIVE GROUND CURRENTS. SEE ALSO MOOG APPLICATION NOTE T893 E.

WIRING SCHEMATIC CAN

- 1 CAN-SHLD
- 2 CAN-V+
- 3 CAN-GND
- 4 CAN-H
- 5 CAN-L

WIRING SCHEMATIC (6/6+PE PER DIN 43683)



No.	Description	Qty.	Part-No.	Material / Group	Dimension / Unit
1	Installation drawing	1			
2	Direct drive valve	1			

Drawn	Checked	Approved	Date	Scale	Sheet
TRALN	ZRI	TRALN	RUJ	1:1	2/2

Date	Name	Date	Name	Title
TRALN	ZRI	TRALN	RUJ	INSTALLATION DRAWING
TRALN	NEA	Horn	BL	DIRECT DRIVE VALVE
TRALN	BOS	Eck		6+PE

MOOG
6PE
889496 Germany
First use: D436
Drawing No.: C55538

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