

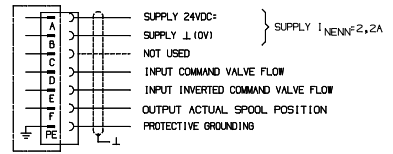
TECHNICAL DATA

OPERATING PRESSURE RANGE	MAX 350 BAR
MAX. RETURN PRESSURE IN "T"	
WITHOUT USE OF PORT Y	50 BAR
WITH USE OF PORT Y	210 BAR
OPERATING FLUID	MINERAL OIL BASED HYDRAULIC FLUID (DIN 51524, PART 1 TO 3) (ISO 68/43 PART 4)
VISCOSITY RECOMMENDED	15 TO 45 mm ² /s (cSt)
FILTER RATING	
FOR NORMAL OPERATION	$\beta_{10} > 75$ (10µm ABSOLUTE)
FOR LONGER LIFE	$\beta_0 > 75$ (1µm ABSOLUTE)
RECOMMENDED CLEANLINESS CLASS	
FOR NORMAL OPERATION	ISO 4406 <15/12 (NAS28/7)
FOR LONGER LIFE	ISO 4406 <14/11 (NAS28/5)
TEMPERATURE RANGE	
AMBIENT	-20° C TO +60° C
FLUID	-20° C TO +80° C
SEAL MATERIAL	FKM (OTHERS ON REQUEST)
O-RINGS	MOOG P/N XXXXX-011 (ø15,8 x1,78) (2x) MOOG P/N XXXXX-004 (ø12,42x1,78) (5x)
MOUNTING SURFACE	FLAT WITHIN 0,02mm Ra BETTER THAN 0,8µm
MOUNTING BOLTS	M 6x40 EN ISO 4762-10,9 (NOT INCLUDED IN DELIVERY)
REQUIRED TORQUE	13 Nm
RATED FLOW	24/40/60 L/MIN AT ΔPv = 10 BAR PER LAND
RATED SPOOL STROKE	± 1,8 mm
RATED SIGNAL	± 10VDC ± 10mA ± 4...20mA
DEGREE OF PROTECTION	IP 65
MATING CONNECTOR	MOOG P/N B97007-081 DIN 43563
WEIGHT	ca. 6300 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 (EMC).
 EMC1 MEETS THE REQUIREMENTS OF EN5011/03-91 CLASS B, EN50081-1/01-92 AND EN50082-2/03-95,
 PERFORMANCE CRITERION CLASS A. PROTECTIVE GROUNDING LEAD > 0,75 mm²
 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 INEGS E.

CONNECTOR WIRING (6/8+PE TO DIN 43563)



No.	Description	Qty.	Part-No.	Material / Group	Dimension / Ref.
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100	Flange alternative specified				

Installation Drawing
 DIRECT DRIVE VALVE
 D634 - spool in body
 MOOG
 880696 Germany
 Drawing No: C55944
 Title note of patent rights to DIN 32