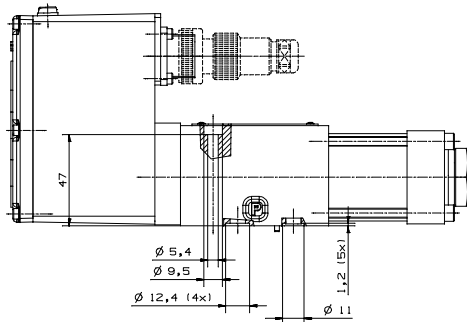
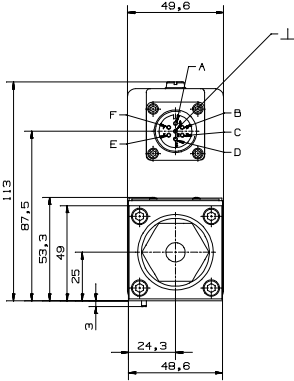
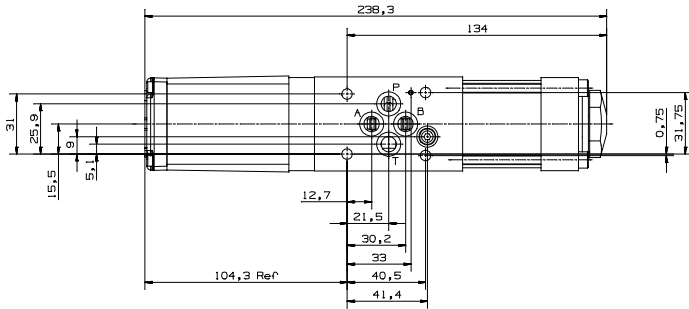
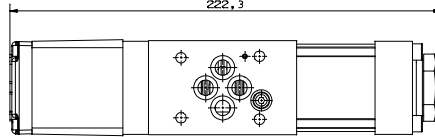


TYPE WITH SHORT ELECTRONIC HOUSING

FOR MISSING DIMENSIONS SEE STANDARD TYPE



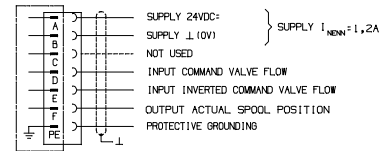
TECHNICAL DATA

OPERATING PRESSURE	MAX 350 BAR
MAX. RETURN PRESSURE IN "T"	50 BAR
PORT T WITHOUT USE OF PORT Y	
OPERATING FLUID	MINERAL OIL BASED HYDRAULIC FLUID (DIN 51524, PART 1 TO 3)
VISCOSITY RECOMMENDED	15 TO 45 MM ² /S
FILTER RATING	
FOR NORMAL OPERATION	$\beta_{10} > 75$ (10 μ m ABSOLUTE)
FOR LONGER LIFE	$\beta_1 > 75$ (1 μ m ABSOLUTE)
RECOMMENDED CLEANLINESS CLASS	
FOR NORMAL OPERATION	ISO 4406 <15/12
FOR LONGER LIFE	ISO 4406 <14/11
TEMPERATURE RANGE	
AMBIENT	-20° C TO +60° C
FLUID	-20° C TO +90° C
SEAL MATERIAL	NBR (OTHERS ON REQUEST)
O-RINGS	MOOG P/N XXXXX-013 (# 9,24x1,78) (4x) MOOG P/N XXXXX-012 (# 7,85x1,78) (1x)
MOUNTING SURFACE	FLAT WITHIN 0,02MM RA BETTER THAN 08 μ m
MOUNTING BOLTS	M 5x55 EN ISO 4762-10,9 (NOT INCLUDED IN DELIVERY)
REQUIRED TORQUE	8,5Nm
RATED FLOW	5,10/20/40 L/MIN AT $\Delta P_V = 70$ BAR PER LAND
RATED SPOOL STROKE	$\pm 0,5$ MM
RATED SIGNAL	± 10 VDC; ± 10 mA; 4...20 mA
DEGREE OF PROTECTION	EN60529: class IP 65 with mating connector mounted
MATING CONNECTOR	MOOG P/N B97007-061 EN 175201 Part B 604
WEIGHT	CA 2000 g
HYDRAULIC POSITIVE DIRECTION	FLOW P → A (C2)
	PIN D-POSITIVE SIGNAL

GENERAL REQUIREMENTS

ALL SIGNAL LINES, ALSO THOSE OF EXTERNAL TRANSDUCERS, SHIELDED, SHIELD CONNECTED RADIALLY TO L (0V), POWER SUPPLY SIDE, AND CONNECTED TO THE MATING CONNECTOR HOUSING (EMC).
EMC MEETS THE REQUIREMENTS OF EN6011/03-91 CLASS B, EN6091-1/01-92 AND EN6092-2/03-95,
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 IM653 E.

CONNECTOR WIRING (6/8+PE TO DIN 43663)



Item No.	Description	Qty	Part-No.	Mat./ Rough dim/ Info																									
Please observe specification tolerancing principle to DIN ISO 2768-01																													
Dimensions in μ m, Decimals in mm																													
Surface treatment: ZnNi																													
Process: ZnNi																													
Layer thickness: μm																													
Surface quality to ISO 1305: \sqrt{Ra} / R_{max}																													
Non dimensional surface edges per DIN 9134: \sqrt{Rz} / R_{max}																													
<table border="1"> <tr> <th>Date</th> <th>Name</th> <th>Date</th> <th>Name</th> <th>Description</th> </tr> <tr> <td>2002</td> <td>...</td> <td>...</td> <td>...</td> <td>...</td> </tr> <tr> <td>2002</td> <td>...</td> <td>...</td> <td>...</td> <td>...</td> </tr> <tr> <td>2002</td> <td>...</td> <td>...</td> <td>...</td> <td>...</td> </tr> <tr> <td>2002</td> <td>...</td> <td>...</td> <td>...</td> <td>...</td> </tr> </table>					Date	Name	Date	Name	Description	2002	2002	2002	2002
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<p>MOOG</p> <p>88119ng@deuschland</p>				<p>Scale: 1:1</p> <p>Sheet: 2/2</p>																									
<p>INSTALLATION DRAWING</p> <p>DIRECT DRIVE VALVE</p> <p>DDV NG B</p>				<p>DrawIng-No.: C21180</p>																									
<p>This is a CAD drawing and must not be edited by hand.</p>																													