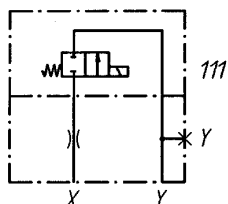


**Control cover
for directional function**

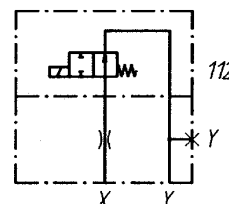
• $p_{\max} = 350 \text{ bar}$

NG 16
ISO 7368
DIN 24342

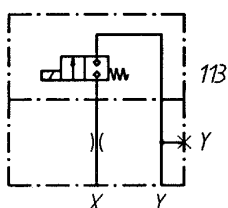
Pilot no. 111
Cover with 2/2-way
spool valve



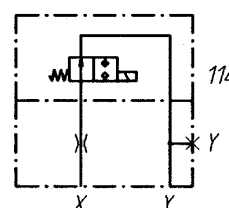
Pilot no. 112
Cover with 2/2-way
spool valve



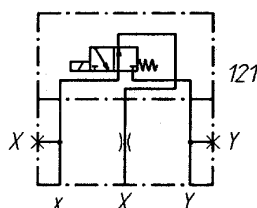
Pilot no. 113
Cover with 2/2-way
poppet valve



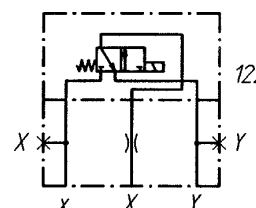
Pilot no. 114
Cover with 2/2-way
poppet valve



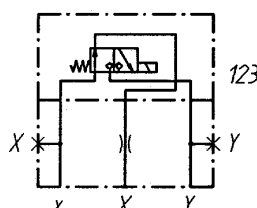
Pilot no. 121
Cover with 3/2-way
spool valve



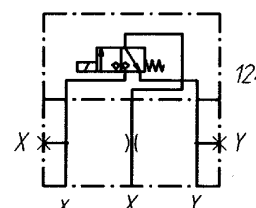
Pilot no. 122
Cover with 3/2-way
spool valve



Pilot no. 123
Cover with 3/2-way
poppet valve



Pilot no. 124
Cover with 3/2-way
poppet valve



GENERAL SPECIFICATIONS

Construction	Control cover for directional function
Mounting position	any
Installation dimension	see dimension to ISO 7368 / DIN 24 342 see data sheet 2.13-1021
Ambient temperature	-20 ... +50°C
Fastening torque	M _D = 25 Nm (Qual. 8.8) for fixing screw

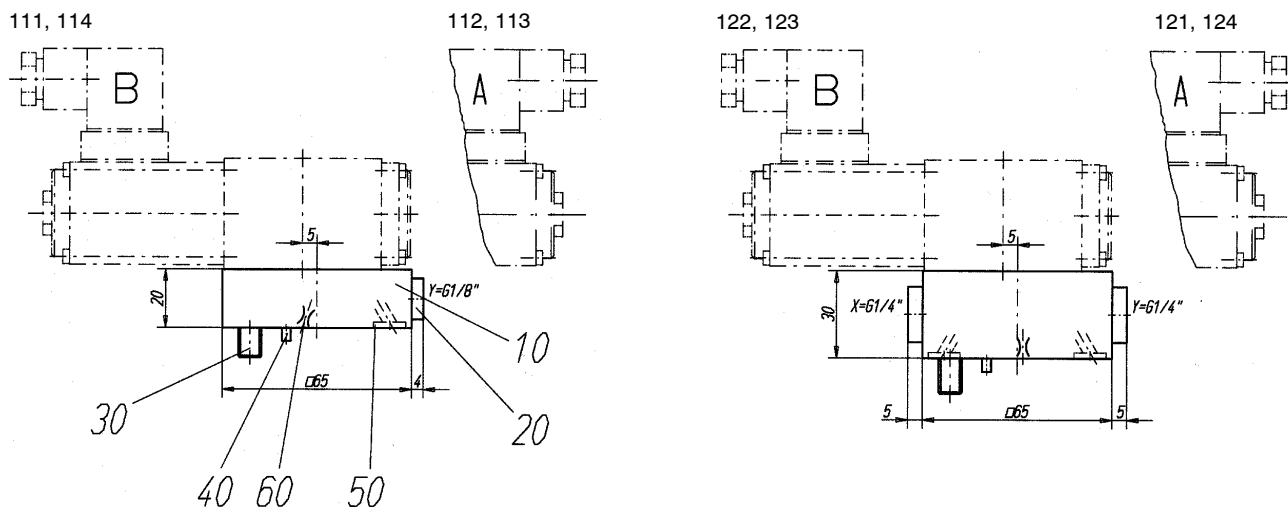
HYDRAULIC SPECIFICATIONS

Fluid	Mineral oil, other fluid on request
Contamination efficiency	ISO 4406:1999, class 18/16/13 (Required filtration grade 86...10≥75) see data sheet no. 1.0-50/2
Viscosity range	12 mm²/s bis 320 mm²/s
Fluid temperature	-20 ... +70°C
Operation pressure	p _{max} = 350 bar

TYPE CODE

Control cover	D	16		-		/		#	
Size 16									
Pilot no. 111...124									
Solenoid type for pilot valve									
Standard:	111, 112, 121, 122,								
	113, 114, 123, 124,								
Standard nominal voltage U _N	12 VDC								
	24 VDC								
Orifice in cover:	0.6 mm								
	1.0 mm								
Omit if without orifice									
Design-Index (Subject to change)									

DIMENSIONS



PILOT VALVES

Pilot operated valves:	111, 122	BM4Z40b	Data sheet 1.2-31
	112, 121	BM4Z40a	Data sheet 1.2-31
	113	BS22041a	Data sheet 1.11-2120
	114	BS22040b	Data sheet 1.11-2120
	123	BS32040b	Data sheet 1.11-2120
	124	BS32041a	Data sheet 1.11-2120

PARTS LIST

Position	Article	Description
10	63.0009 63.0026	Plate to 111, 112, 113, 114 Plate to other types
20	238.1405 238.2406	Locking screw VSTI G1/8" Locking screw VSTI G1/4"
30	246.4120 246.4130	Cylinder screw M8x20 DIN912 Cylinder screw M8x30 DIN912
40	221.2255	Pin Ø3x10 DIN1481
50	160.2061	O-Ring ID 6,02x2,62
60	118.2007 118.2008 118.2010 118.2011 118.2012	Orifice M5 / 0,6 x 5 Orifice M5 / 0,7 x 5 Orifice M5 / 0,8 x 5 Orifice M5 / 0,9 x 5 Orifice M5 / 1,0 x 5