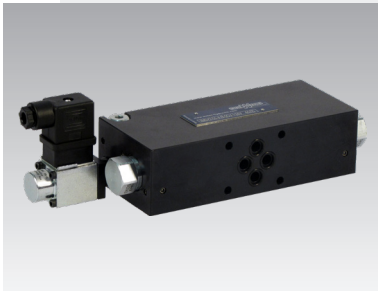
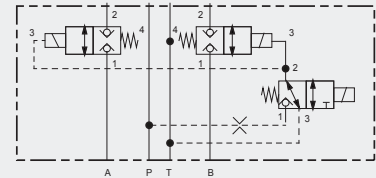


2/2-way double poppet valve ZMSV2



Pilot operated
Electrically actuated
Max. operating pressure 250 bar
Max. flow rate up to 80 l/min



080140_ZMSV2
01.2016

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Characteristics

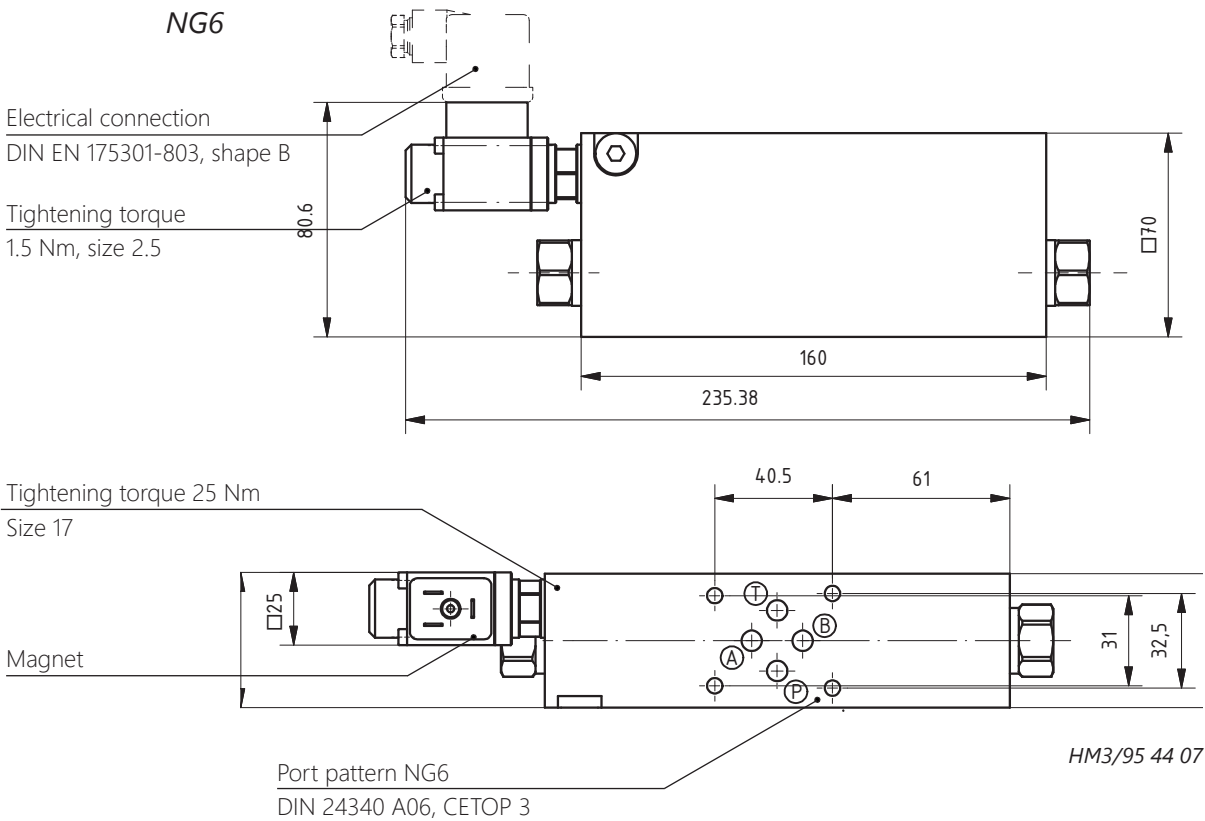
- 2/2-way double poppet valve in intermediate plate NG6 or NG10
- Pilot-operated by a pilot valve
- Normally closed
- Channel A and B can be shut off tightly
- Also available with X and Y channel
- Maintenance-free

Technical data

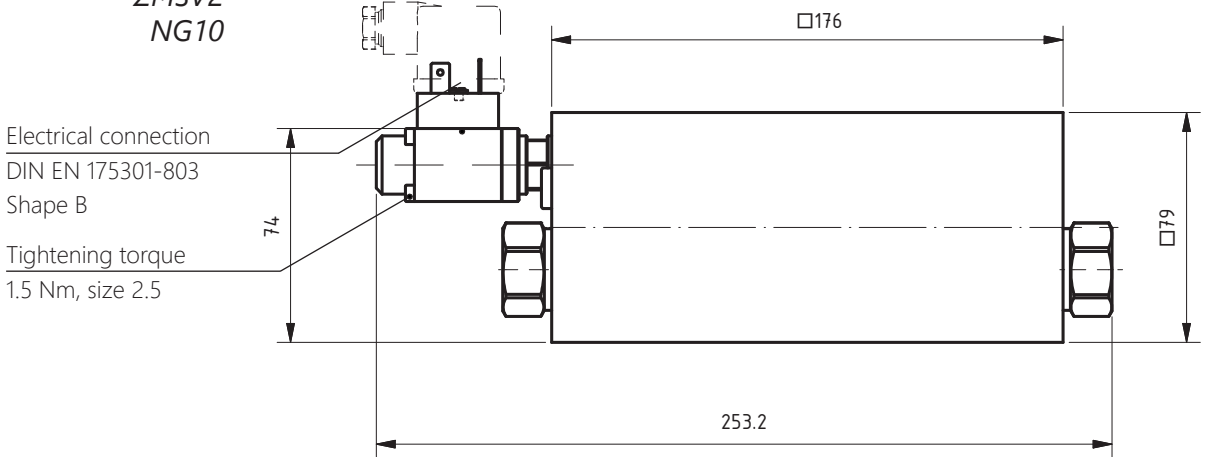
Hydraulic characteristics	Max operating pressure:	250 bar
	Rated flow rate:	NG6: 40 l/min, NG10: 80 l/min
	Flow direction:	See symbols
	Minimum switching pressure	20 bar (P->T)
	Operating fluids:	Mineral oils according to DIN 51524, others on request
	Viscosity range:	3 - 400 cSt
Mechanical characteristics	Filtration:	Oil purity according to ISO 4406 (1999) 18/16/13, filter with $\beta_{5(c)} > 200$
	Design:	Double poppet valve in intermediate plate NG6 or NG10
	Fluid temperature:	-20 °C to +80 °C
	Ambient temperature:	-20 °C to +50 °C
	Storage temperature:	-30 °C to +60 °C (non-condensing)
	Installation position:	Any
Electrical characteristics	Weight:	NG6: 1.76 kg, NG10: 3.10 kg
	Materials:	Valve parts: Steel, casing: Aluminum Seals: NBR, backup rings: Teflon, PU
	Surface protection:	Casing: anodized, valve parts: galvanized, burnished
	Rated voltage:	24 V DC
	Rated resistance (R20):	29 Ω
	Max. power consumption:	20 W
	Power-on time:	100% PO
	Protection class:	IP65 with a correctly installed wiring box
	Electrical connection:	Device plug in accordance with DIN EN 175301-803 (formerly DIN 43650) shape B
	Control units:	See section 6, "Electronics and Sensors" at www.weber-hydraulik.com

Dimensions

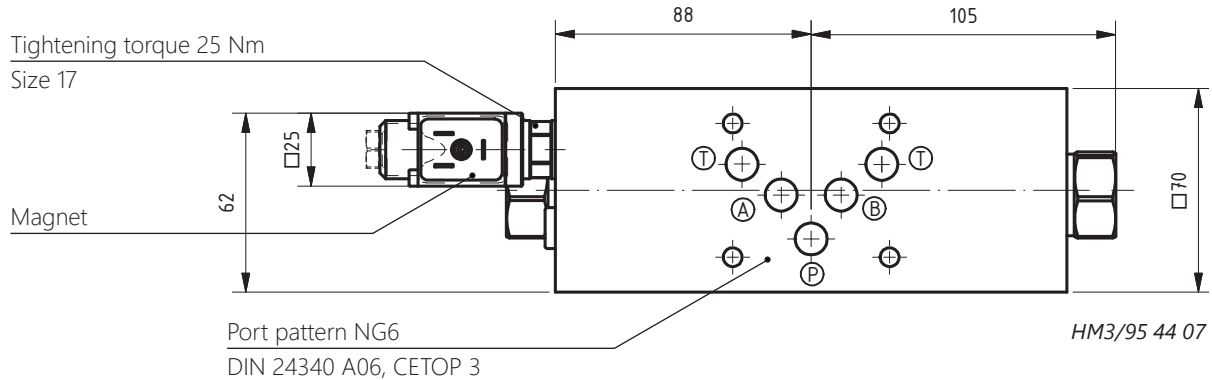
Doppelsitzventil
ZMSV2
NG6



Double poppet valve
ZMSV2
NG10



Double poppet valve
ZMSV2
NG10



Type code

ZMSV2	-		-	A/B	-	SGV	-	X	-	24V
2/2-way double poppet valve		Size		Function		Spool Normally closed		Revision		Rated voltage
		06	NG6							
		10	NG10							
		10Y	NG10 (X and Y)							

Miscellaneous

Accessories/spare parts

Article:

Article number:

Socket DIN EN 175301-803 (formerly DIN 43650), shape B, black	149.0005
Socket DIN EN 175301-803 (formerly DIN 43650), shape B, gray	149.0004
Adapter plug DIN EN 175301-803 (formerly DIN 43650), shape B to shape A	109.0006
Seal kit ZMSV2-06	405.0109
Seal kit ZMSV2-10	405.0108
3/2-way valve SMSV6	061.0003

NOTE

For appropriate electronic controllers, see section 6, "Electronics and Sensors" at www.weber-hydraulik.com

Operating manual

Information regarding assembly, commissioning and maintenance is available in our product catalog in section 12, "General information" in the "General Operating Manual, Hydraulics" category or on request.