

Directional control valves manual operated poppet 2-way normally closed Special cavity, 017-E

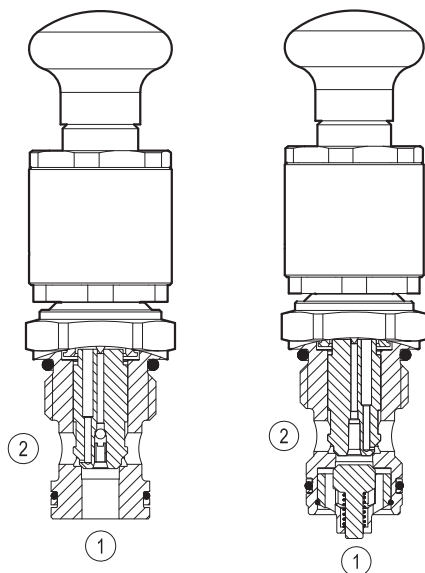
VMI-8A-2A-09-NC

OD.55 - X - 17.37- Z

RE 18326-05

Edition: 02.2026

Replaces: 07.2010



Technical data

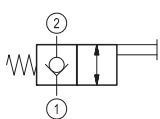
General	
Weight	0.28 kg (0.62 lbs)
Installation orientation	Optional
Ambient temperature range	-30 to 60 °C (-22 to 140 °F)
Hydraulic	
Max. operating pressure	350 bar (5000 psi)
Max. flow	70 l/min (19 gpm)
Max. internal leakage	20 drops/min.
Fluid temperature range	-20 to 80 °C (-4 to 176 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm ² /s (cSt)	
Installation torque	54 - 66 Nm (40 - 49 ft-lbs)
Recommended degree of fluid contamination	Nominal value max. 25 µm (NAS 8) ISO 4406 19/17/14
Special cavity	017-E see 18325-75
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit – version 05	code RG17E201052010 material no. R934003562
Seal kit – version 31	code RG17E201053010 material no. R934003563
Other technical data	See data sheet 18350-50

Only for cam-operated valves:

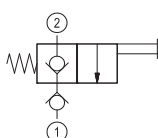
Operating stroke	3 mm (0.12 in)
Max. overstroke	0.5 mm (0.02 in)

IMPORTANT: When valve is not operated, flow from 1 to 2 is not recommended due to high opening pressure. (Version 05)

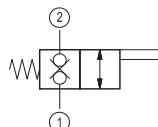
▼ Version 05



▼ Version 31

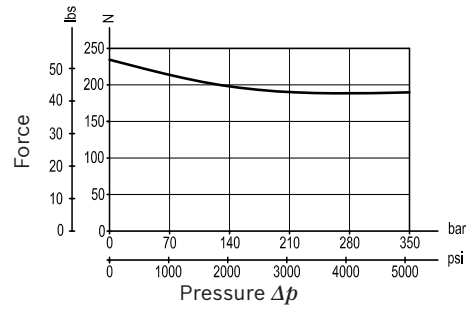
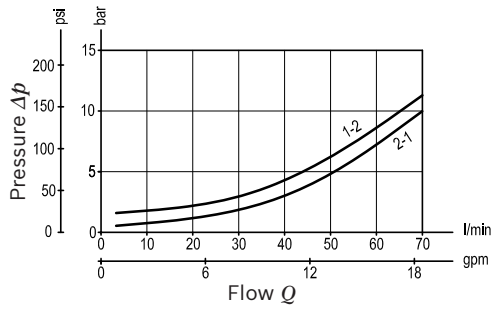


▼ Version 11

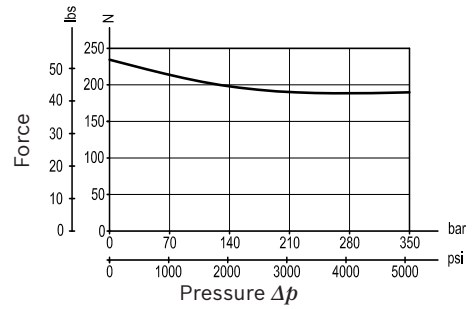
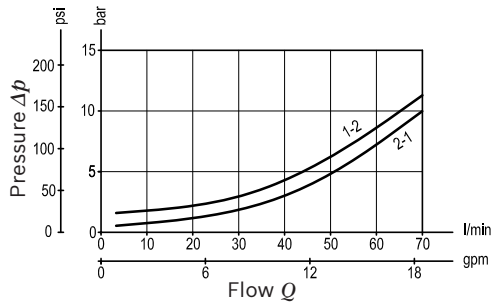


Characteristic curves

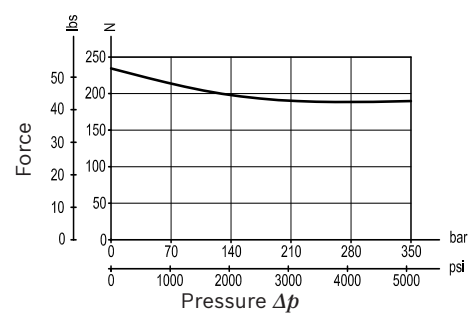
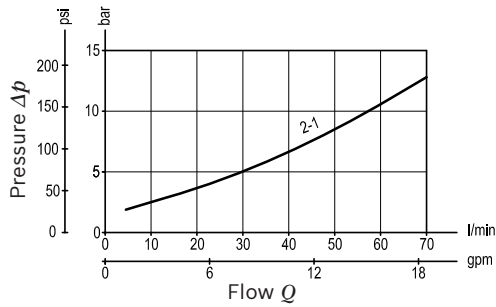
Version 05

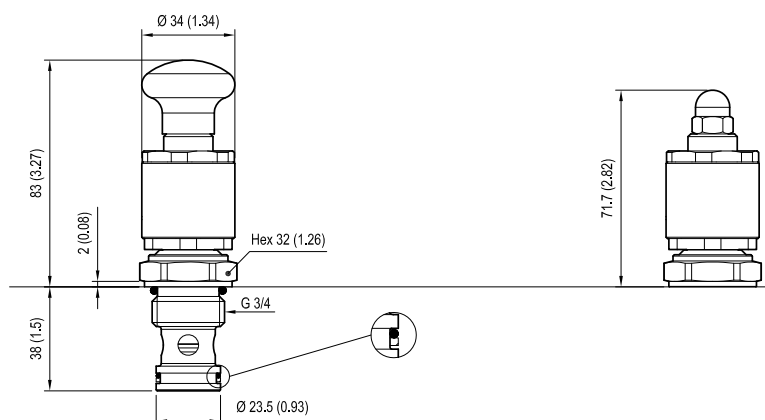
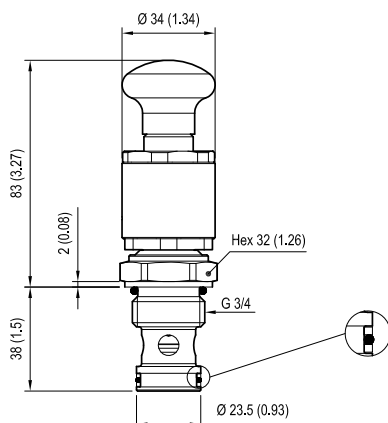
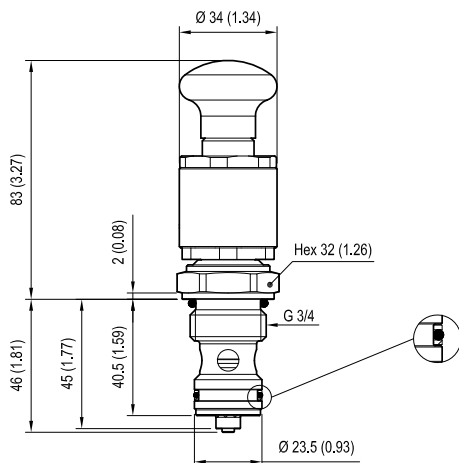


Version 31



Version 11



Dimensions**▼ Version 05: Directional control valves manual operated poppet 2-way normally closed - Special cavity****▼ Version 31: Directional control valves manual operated poppet 2-way double lock normally closed - Special cavity****▼ Version 11: Directional control valves manual operated poppet 2-way normally closed - Special cavity****Bosch Rexroth Oil Control S.p.A.**

Via Leonardo da Vinci 5

P.O. Box no. 5

41015 Nonantola – Modena, Italy

Tel. +39 059 887 611

Fax +39 059 547 848

compact-hydraulics-cv@boschrexroth.com

www.boschrexroth.com/compacthydraulics

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