Rexroth Bosch Group

1/4

RE 18326-05/03.16 Replaces: 18326-05/07.10

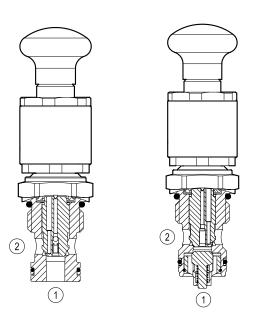
Directional control valves manual operated poppet 2-way normally closed

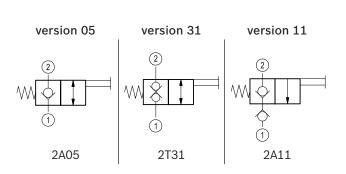
Special cavity, 017-E

VMI-8A-2A-09-NC

OD.55 - X - 17.37 - Z







General

Weight	kg (lbs)	0.28 (0.62)
Installation orientation		Optional
Ambient temperature range	°C (°F)	-30 to 60 (-22 to 140)

Hydraulic

пушташіс		
Max. operating pressure	bar (psi)	350 (5000)
Max. flow	I/min. (gpm)	70 (19)
Max. internal leakage	drops/min.	20
Fluid temperature range	°C (°F)	-20 to 80 (-4 to 176)
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm ² /s (cSt)
Installation torque	Nm (ft-lbs)	54-66 (40-49)
Recommended degree of fluid contamination		Nominal value max. 25µm (NAS 8) ISO 4406 19/17/14
Special cavity		017-E see RE 18325-75
Lines bodies and standard assemblies		Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit - version 05		RG17E201052010 R934003562
Seal kit - version 31		RG17E201053010 R934003563
Other technical data		See data sheet RE 18350-50

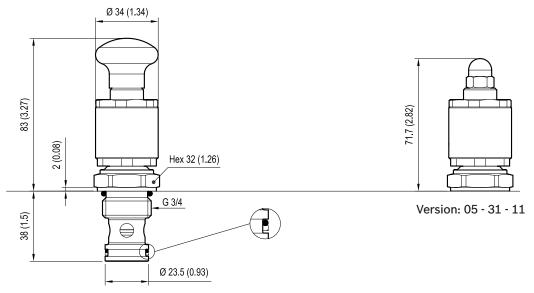
Only for cam-operated valves:

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

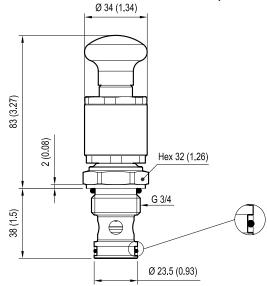
IMPORTANT: When valve is not operated, flow from 1 to 2 is not recommended due to high opening pressure. (version 05)

Dimensions

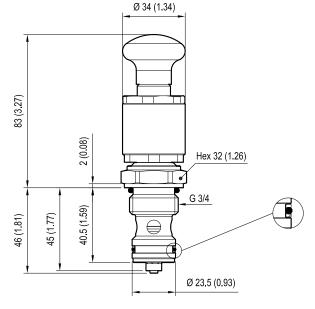
Version 05: Directional control valves manual operated poppet 2-way normally closed - Special cavity



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

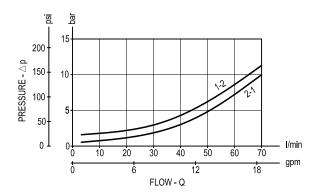


mm (Inches)

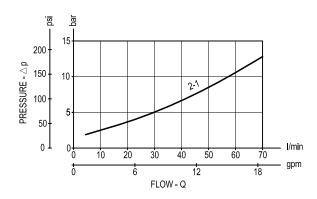
Performance graphs

Version 05 bs bar 200 PRESSURE - $\triangle p$ 150 10 100 -50 0 [I/min 10 20 30 50 60 gpm ţ 12 FLOW - Q

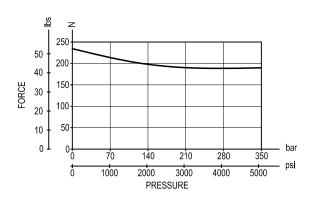
Version 31



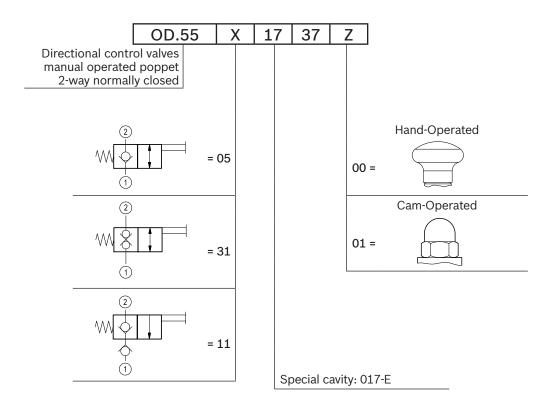
Version 11



Version 05 - 31 - 11



Ordering code



Note: hand-operated version with detent available by request; please consult factory

Туре	Material number
OD550517370000	R934001424
OD550517370100	R934001425
OD553117370000	R934001437
OD553117370100	R934001438
OD551117370000	R934003846
OD551117370100	R934003671

Туре	Material number
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Subject to change.