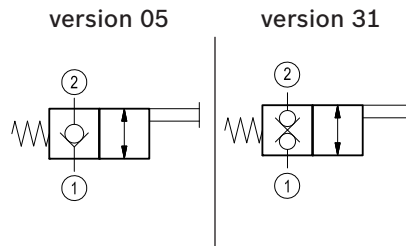
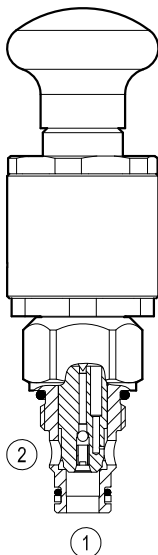


Directional control valves manual operated poppet 2-way normally closed

Common cavity, Size 08

VMI-8A-2A-06-NC

OD.55 - X - 18.37 - Z



General

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

Hydraulic

| | | |
|---|--|-------------------------------|
| Max. operating pressure | bar (psi) | 350 (5000) |
| Max. flow | l/min. (gpm) | 40 (11) |
| 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) | 39-51 (29-38) |
| Recommended degree of fluid contamination | Nominal value max. 25µm (NAS 8) ISO 4406 19/17/14 | |
| Cavity | CA-08A-2N see RE 18325-70 | |
| Lines bodies and standard assemblies | Please refer to section "Hydraulic integrated circuit" or consult factory | |
| Seal kit - version 05 | code material no. | RG08A2010520100 R901101437 |
| Seal kit - version 31 | code material no. | RG08A2010530100 R901101544 |
| Other technical data | See data sheet RE 18350-50 | |

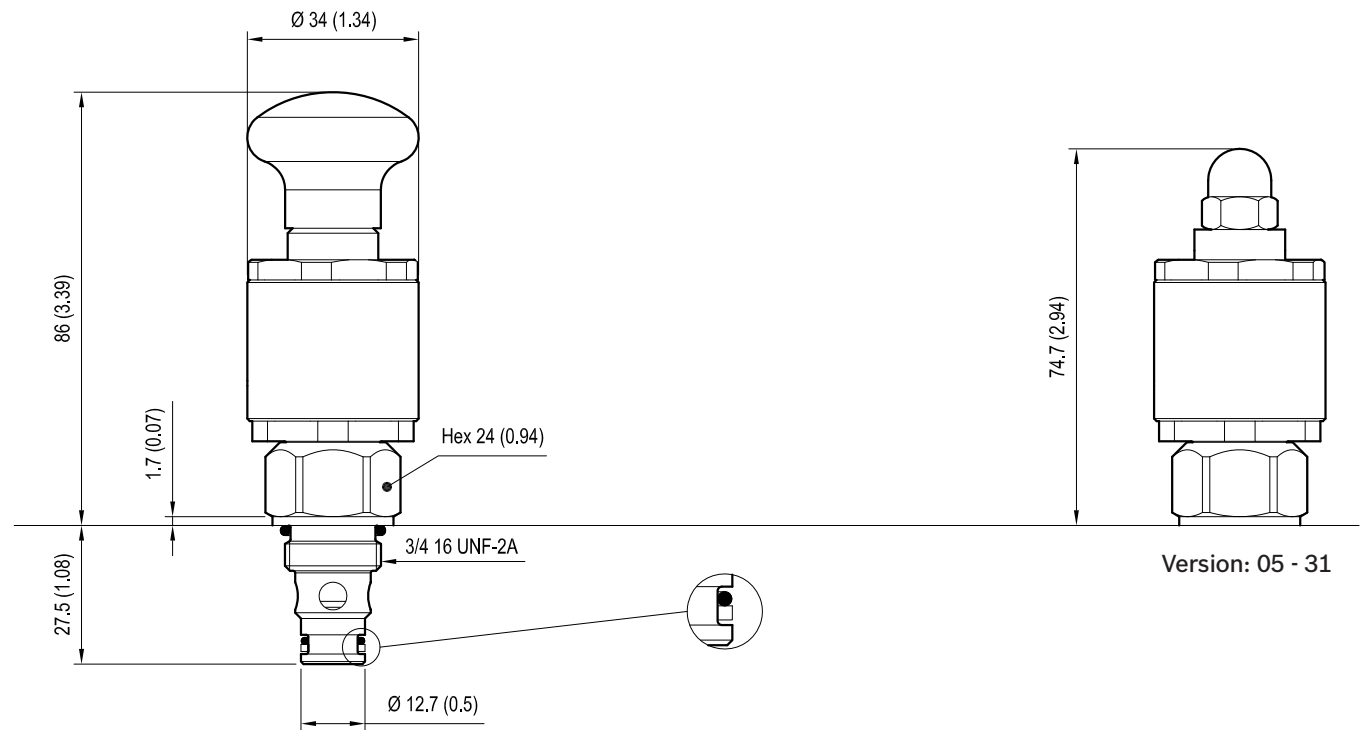
Only for cam-operated valves:

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

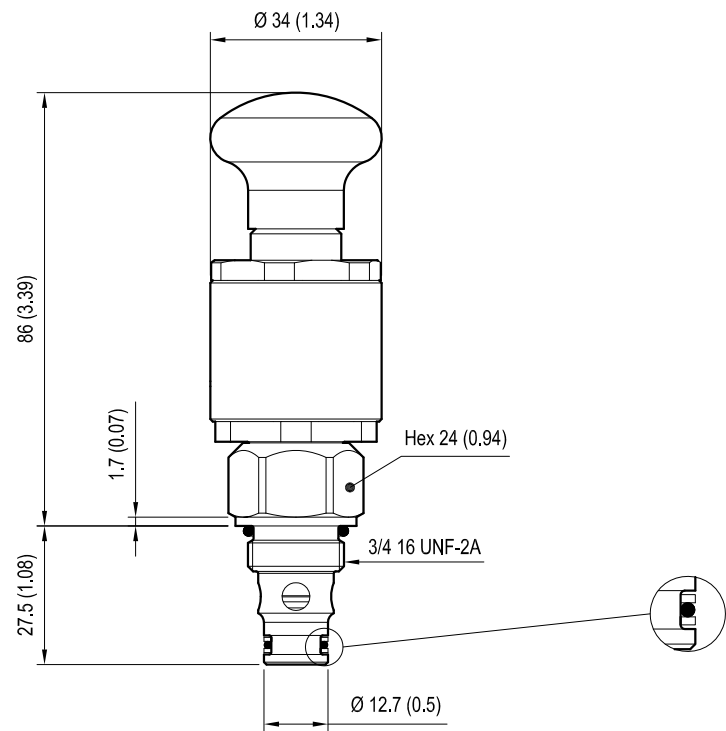
IMPORTANT: When valve is not operated, flow from 1 to 2 is not recommended due to high opening pressure. (version 05)

Dimensions

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



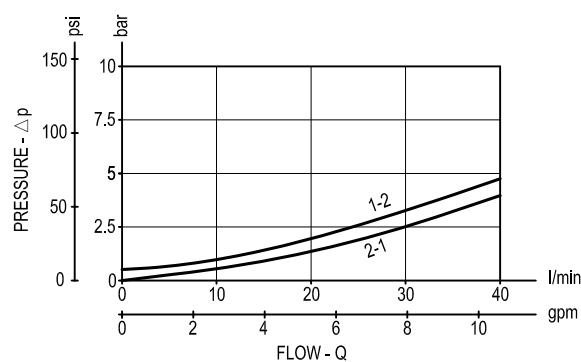
Version 31: Directional control valves manual operated poppet 2-way double lock normally closed



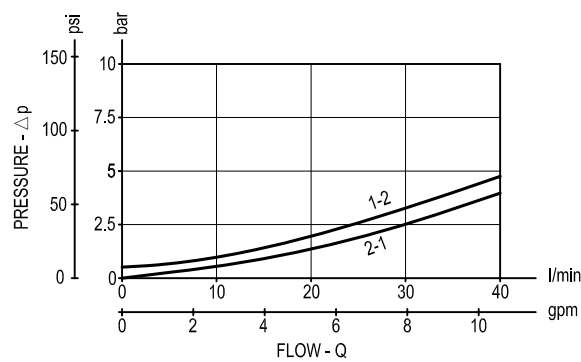
mm (Inches)

Performance graphs

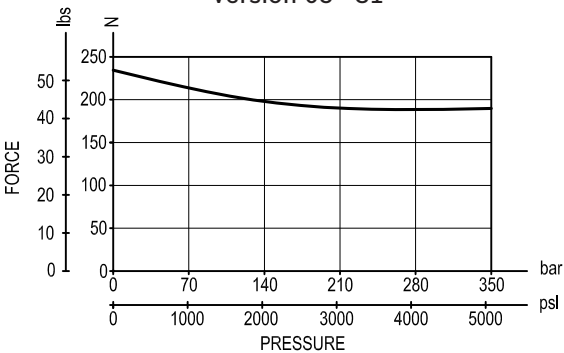
Version 05



Version 31



Version 05 - 31



Ordering code

OD.55

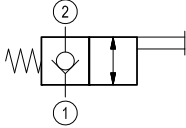
X

18

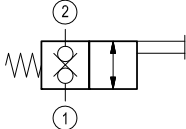
37

Z

Directional control valves
manual operated poppet
2-way normally closed

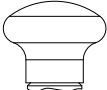


= 05




= 31

Hand-Operated

00 = 

Cam-Operated

01 = 

Common cavity: CA-08A-2N

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

| Type | Material number | Type | Material number |
|----------------|-----------------|------|-----------------|
| OD550518370000 | R901109436 | | |
| OD550518370100 | R901109443 | | |
| OD553118370000 | R901109444 | | |
| OD553118370100 | R901109445 | | |
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