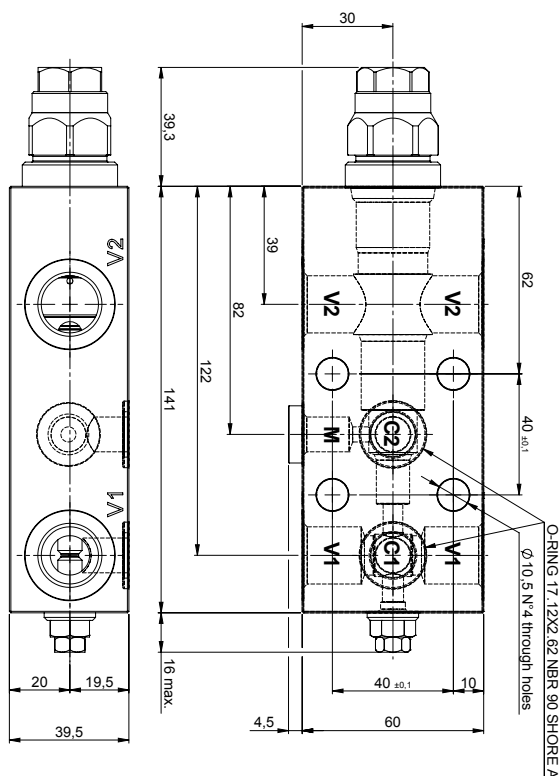
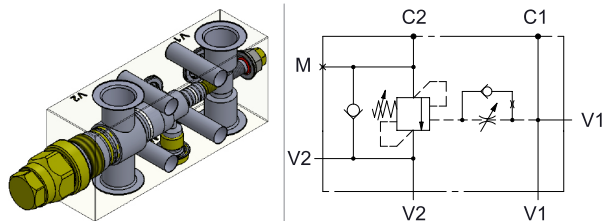




Load holding valves

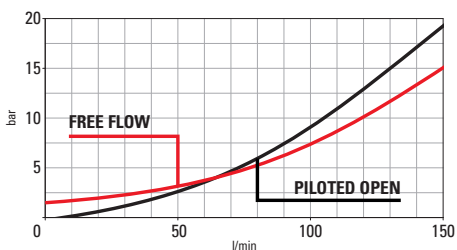
Normale 34 S FC2 1/2



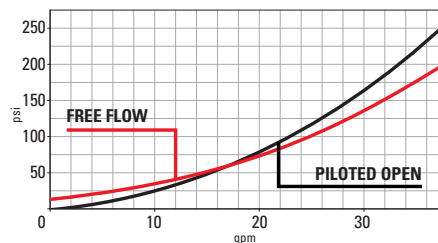
Technical Details

| | |
|--|---|
| body material | aluminum or zinc plated steel |
| capacity | 150 lpm (40 gpm) |
| ports size | V1, V2: G 1/2 C1, C2: ϕ 15, M: G 1/4 |
| max operating pressure | 350 bar (steel block) - 210 bar (aluminum block) |
| pilot ratio | 4:1 - 8:1 |
| maximum setting | 420 bar (6100 psi) |
| minimum setting | 60 bar (4:1) - 100 bar (8:1) |
| pressure increase per turn | 4:1 Spring M: 30 bar/turn Spring D: 73 bar/turn 8:1 Spring M: 54.5 bar/turn Spring D: 132 bar/turn |
| pressure setting established @ | cracking pressure (1in3/min) |
| maximum valve leakage at reseal | 5 drops / minute |
| operating characteristic | standard |
| reseal | >80% |
| maximum recommended load pressure at maximum setting | 330 bar (4800 psi) |
| adjustment screw internal hex size | 8 |
| valve weight | 2,35 Kg (5,18 lbs) |
| external component surface treatment | zinc plating + sealing for steel body |
| seal kit (nbr) | SK290SH1712X262 |
| temperature range | -30 to 100°C (-22 to 212°F) with BunaN seals |
| fluids | Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /s (cSt) |
| filtration | Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14 |

- Aluminum bodies can be anodized upon request
- Backpressure at port 2 adds to the effective relief setting at a ratio of 1 plus the pilot ratio times the backpressure
- Set your counterbalance valve at least 1.3 times the maximum load induced pressure
- Indicated Reseat value is obtained with valve set @ maximum setting
- For customized settings and for settings from 360 bar to 420 bar please consult factory
- For special ports please consult factory



Performance curves



A = aluminum
S = steel

Spring M = 60-210 bar
(Standard Setting 200 bar)
Spring D = 210-350 bar
(Standard Setting 350 bar)

N | S | 3 | 4 | 2 | | G | 1 | 2 | | 0 | 0 | 0

04 = 4:1
08 = 8:1

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