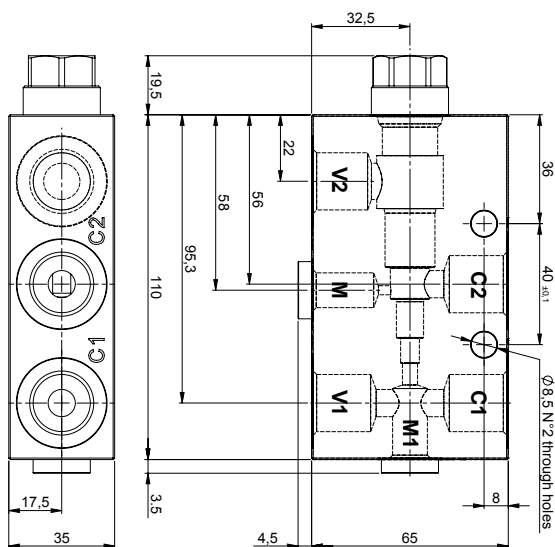
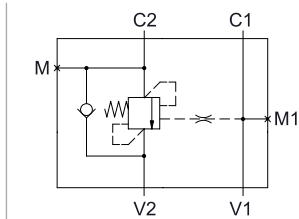
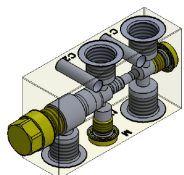




Load holding valves

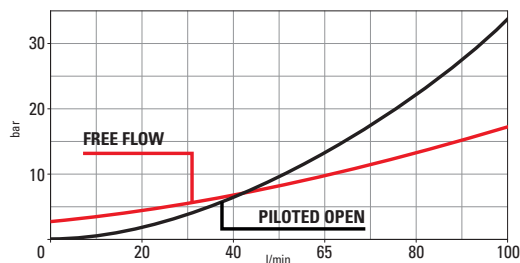
Normale 31NPS S L 1/2 F



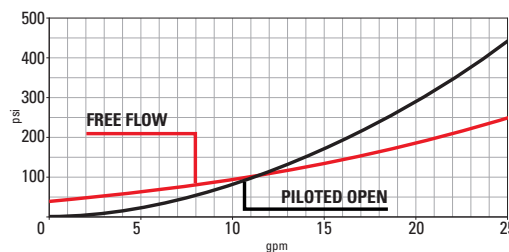
Technical Details

| | |
|--|--|
| body material | zinc plated steel |
| capacity | 90 lpm (24 gpm) |
| ports size | V1, V2, C1, C2: G 1/2 M, M1: G 1/4 |
| max operating pressure | 350 bar (5000 psi) |
| pilot ratio | 2:1 - 4:1 - 7:1 - 11:1 |
| maximum setting | 420 bar (6100 psi) |
| minimum setting | 60 bar (870 psi) : 2:1 - 4:1 100 bar (1450 psi): 7:1 - 11:1 |
| 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) |
| valve weight | 1,8 Kg (3,95 lbs) |
| external component surface treatment | zinc plating + sealing |
| 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 |

- 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



Spring I = 60-210 bar
(Standard Setting 200 bar)
 Spring H = 210-360 bar
(Standard Setting 350 bar)

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

02 = 2:1
 04 = 4:1
 07 = 7:1
 11 = 11:1

