

Double Regulating Balancing Valve - FODVR

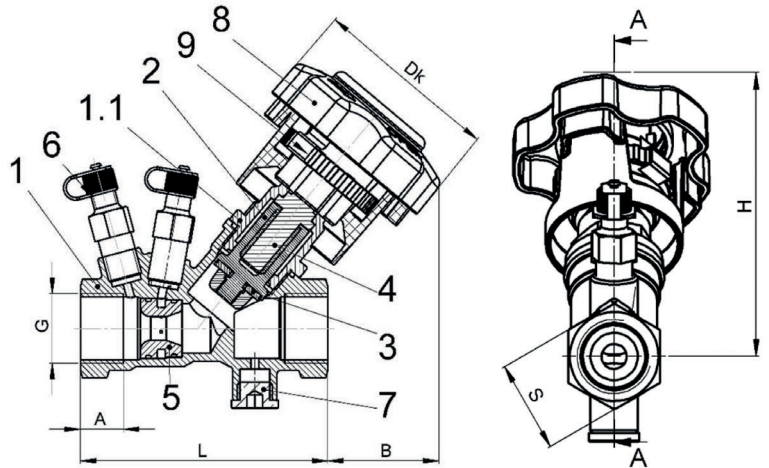
LV 2489

Screwed BSPP Female, DZR Brass Body, Fixed Orifice, includes Test Points, Lock Feature, Face to Face DIN 3202



| Pressure / Temperature Specifications | |
|---------------------------------------|----------------|
| Pressure | PN25 |
| Temperature | -10°C to 120°C |

| Material Specifications | | |
|-------------------------|-----------------|--------------|
| 1 | Body | Brass |
| 1.1 | Bonnet | Brass |
| 2 | Disc | PPS |
| 3 | Disc Gasket | EPDM |
| 4 | Stem | Brass |
| 5 | Venturi Nozzles | PPS |
| 6 | Pressure Tap | Brass & EPDM |
| 7 | Plug & Gasket | Brass & EPDM |
| 8 | Handwheel | Polyamide |
| 9 | Opening Limiter | Polyamide |



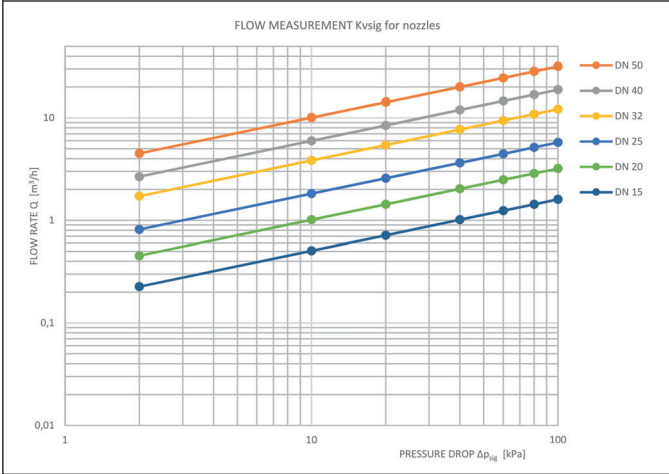
| Dimensions | | | | | | | | |
|------------|-----|----|-----|----|------|------|-------|------|
| G | L | Dk | H | S | B | A | Ksig | Kg |
| 1/2" | 85 | 72 | 104 | 27 | 55 | 15 | 1.60 | 0.64 |
| 3/4" | 95 | 72 | 104 | 33 | 45 | 16.5 | 3.20 | 0.7 |
| 1" | 105 | 72 | 106 | 41 | 40 | 19.5 | 5.75 | 0.9 |
| 1 1/4" | 120 | 72 | 129 | 49 | 46 | 21.4 | 12.15 | 1.7 |
| 1 1/2" | 130 | 72 | 131 | 56 | 42 | 21.4 | 18.85 | 1.9 |
| 2" | 150 | 72 | 136 | 68 | 33.5 | 25.7 | 31.75 | 2.4 |

| Flow Rates (m³/h) | | | | | | | | | | |
|-------------------|-----------------|------|------|------|-------|-------|-------|-------|-------|------|
| Size | Handwheel Turns | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | | 1/2" | 0.26 | 0.45 | 0.75 | 1.07 | 1.41 | 1.57 | 1.63 | 1.66 |
| 3/4" | 0.59 | 0.88 | 1.34 | 2.05 | 2.65 | 2.95 | 3.10 | 3.20 | 3.25 | |
| 1" | 0.70 | 1.10 | 1.78 | 2.82 | 3.76 | 4.59 | 5.15 | 5.57 | 5.83 | |
| 1 1/4" | 1.76 | 2.49 | 3.69 | 5.75 | 7.56 | 8.94 | 9.94 | 10.65 | 11.13 | |
| 1 1/2" | 2.67 | 3.73 | 5.23 | 7.72 | 10.05 | 12.25 | 14.16 | 16.04 | 17.25 | |
| 2" | - | 5.00 | 6.69 | 9.47 | 12.47 | 15.90 | 19.04 | 21.91 | 24.43 | |

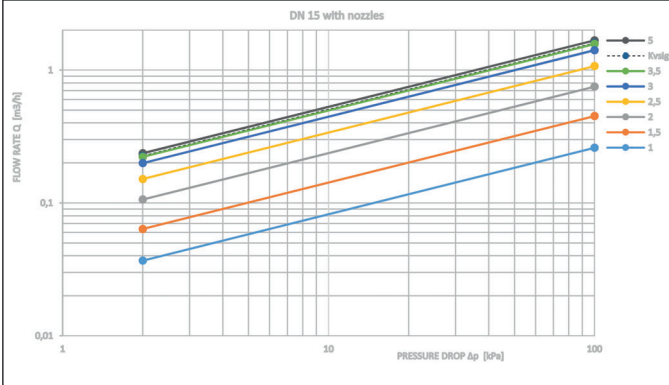
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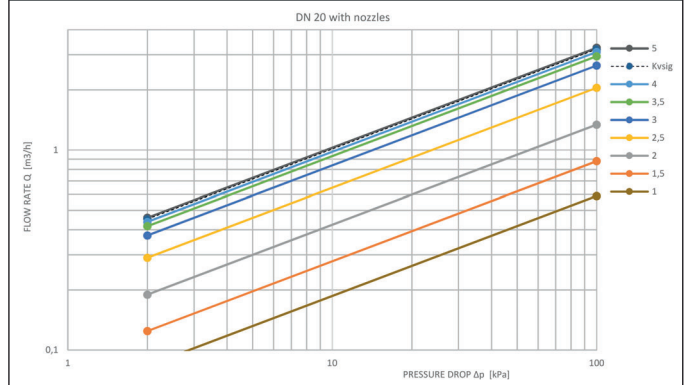
Pressure Drop Chart



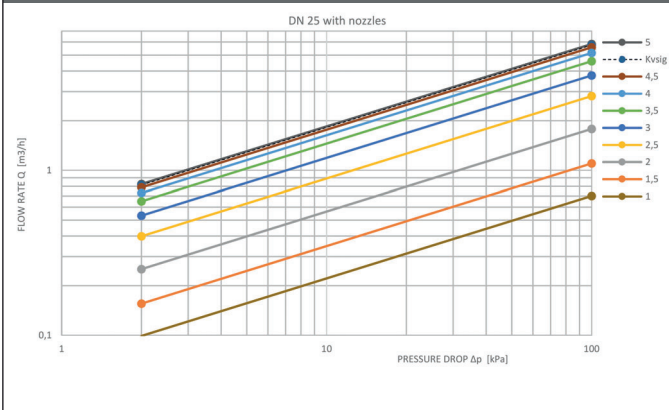
1/2" Pressure Drop Chart



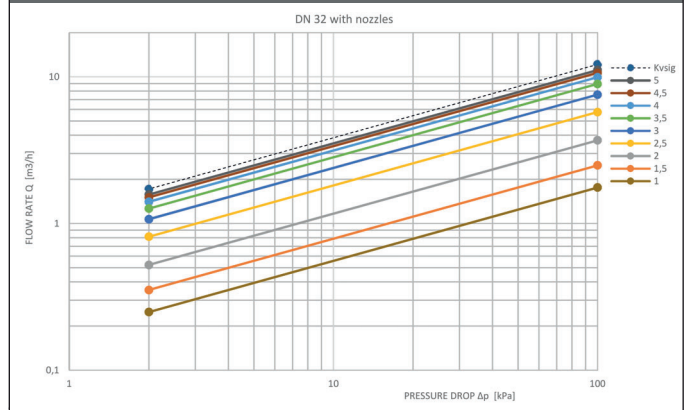
3/4" Pressure Drop Chart



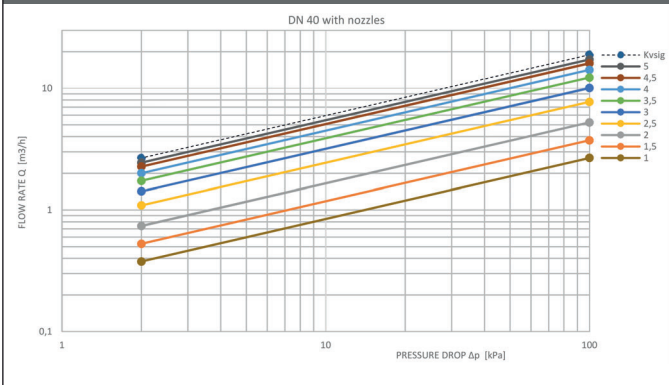
1" Pressure Drop Chart



1 1/4" Pressure Drop Chart



1 1/2" Pressure Drop Chart



2" Pressure Drop Chart

