








Globe valves with flange, 150° C

| | | | NVF* | NV* | NVG* | AV | AV | |
|-------------------------------------|------------------------------|---|---|--|--|--|--|-----------|
| | | | 800 N 20 mm  | 1000 ⁷⁾ N 20 mm  | 1600 N 20 mm  | 2000 N 50 mm  | 2500 N 50 mm  | |
| Running times | Control / (Working range) |  | | | | | | |
| 3-Point | AC/DC 24V | 7,5 s/mm / 3,8 s/mm | 2 wires | | NV24-3 | | AV24-3 | |
| | AC 230V | 7,5 s/mm / 3,8 s/mm | 2 wires | | NV230-3 | | AV230-3 | |
| Multifunc - tional ²⁾ | AC/DC 24V | NVY 35 s / AVY 60 s | DC 0 ... | | NVY24-MFT | | | AVY24-MFT |
| | | 150 s | DC 0 (2) ... 10 V | | NV24-MFT | NVG24-MFT | | AV24-MFT |
| | | Motor: 150 s Spring: 30 s | DC 0 (2) ... 10 V | • | NVF24-MFT NVF24-MFT-E ⁵⁾ | | | |

| Flange (ISO 7005) 2-way  | | | PN16, T _{max} =150°C | | Range of use closed circuits, steam: pressure ratio < 0,4 [$\frac{\Delta p}{p_1}$] | | | | | | | | | | | |
|--|------------|--------------------------------|-------------------------------|---------------------------|---|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|--|--|
| | DN [mm] | kvs [m ³ /h] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | | |
| H610S ... H615S | 15 | 0.4 / 0.63 / 1 / 1.6 / 2.5 / 4 | 1600 | 1000 | 1600 | 1000 | 1600 | 1000 | | | | | | | | |
| H619S / H620S | 20 | 4 / 6.3 | 1320 | | 1600 | | | | | | | | | | | |
| H624S / H625S | 25 | 6.3 / 10 | 1080 | 1000 | 1350 | | | | | | | | | | | |
| H632S | 32 | 16 | 800 | 800 | 1000 | 1000 | 1600 | 1000 | | | | | | | | |
| H640S | 40 | 25 | 440 | 440 | 550 | 550 | 980 | 980 | | | | | | | | |
| H650S | 50 | 40 | 280 | 280 | 350 | 350 | 600 | 600 | | | | | | | | |
| H664S | 65 | 58 | | | 200 | 200 | 320 | 320 | | | | | | | | |
| H665S | 65 | 63 | | | | | | | 400 | 400 | 500 | 400 | | | | |
| H680S | 80 | 100 | | | | | | | 270 | 270 | 340 | 340 | | | | |
| H6100S | 100 | 145 | | | | | | | 160 | 160 | 200 | 200 | | | | |
| H6125S | 125 | 220 | | | | | | | 90 | 90 | 115 | 115 | | | | |
| H6150S | 150 | 320 | | | | | | | 60 | 60 | 75 | 75 | | | | |

| Flange (ISO 7005), partial pressure released 2-way | | | PN16, T _{max} =150°C | | Range of use closed circuits, steam: pressure ratio < 0,4 [$\frac{\Delta p}{p_1}$] | | | | | | | | | | | |
|--|------------|----------------------------|-------------------------------|---------------------------|---|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-----------------------|---------------------------|--|--|
| | DN [mm] | kvs [m ³ /h] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | Δp_s [kPa] | Δp_{max} [kPa] | | |
| H640SP | 40 | 25 | 1600 | 1000 | 1600 | 1000 | | | | | | | | | | |
| H650SP | 50 | 40 | 1600 | 1000 | 1600 | 1000 | | | | | | | | | | |
| H664SP | 65 | 58 | 1350 | 800 | 1600 | 800 | | | | | | | | | | |
| H679SP | 80 | 90 | 1300 | 400 | 1600 | 400 | | | | | | | | | | |
| H6100SP | 100 | 145 | | | | | | | 600 | 400 | 600 | 400 | | | | |
| H6125SP | 125 | 220 | | | | | | | 600 | 300 | 600 | 300 | | | | |
| H6150SP | 150 | 320 | | | | | | | 600 | 200 | 600 | 200 | | | | |

*Required bracket: UNV-002

1) Temperature of -10 ... +5°C with stem heating expecting - globe valve H7125N, H7150N

2) MFT types: Running times, control signal, stroke limitation and other functions can be parameterised with PC-Tool or the parameterising device MFT-H

Delivery state: modulating

3) Closing force 1000 N / inhibiting force 800 N

4) When NVF..E is deenergised, globe valves H..B, H..N and H..R are open (NO).

5) When NVF..E is deenergised, globe valves H6..S and H6..SP are closed (NC).