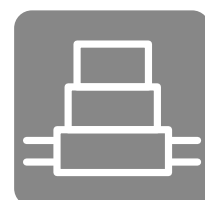
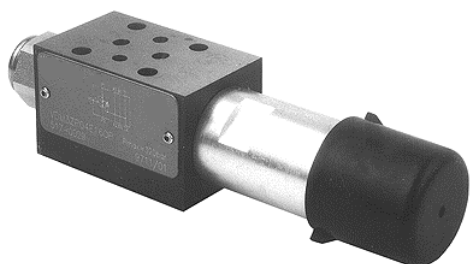


Intermediate plates with pressure reducing valve type VDM3 (size 4)

operating pressure p_{\max} 320 bar
 volume flow V_{\max} 20 L/min



Product characteristics

Pressure reducing valves are a type of pressure control valve. They maintain a largely constant outlet pressure even at a variable (higher) inlet pressure.

Features and benefits:

- pressure limitation in line P
- 3-way design
- directly controlled

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Technical data

General

| | |
|---------------------|-----------------------------------|
| type | piston valve, directly controlled |
| design | intermediate plate valve |
| weight | 0.6 kg |
| ambient temperature | -30 to +50 °C |
| mounting position | arbitrary |
| connection size | ISO4401-02-01-0-05 (NG04) |

Hydraulic parameters

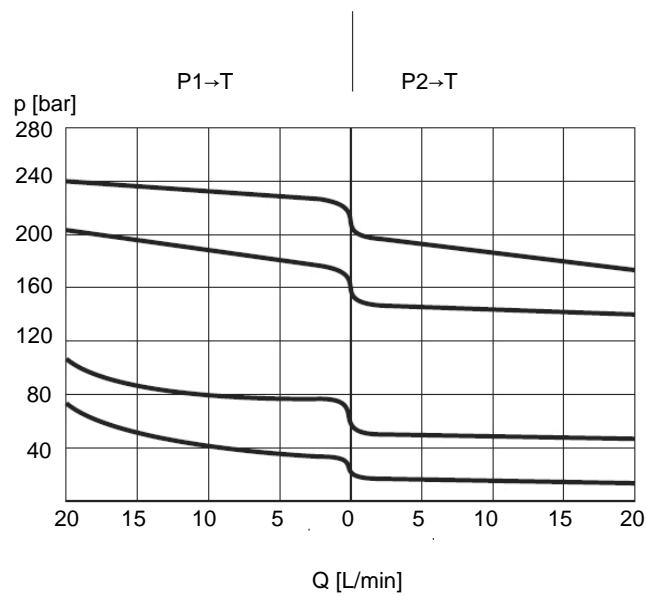
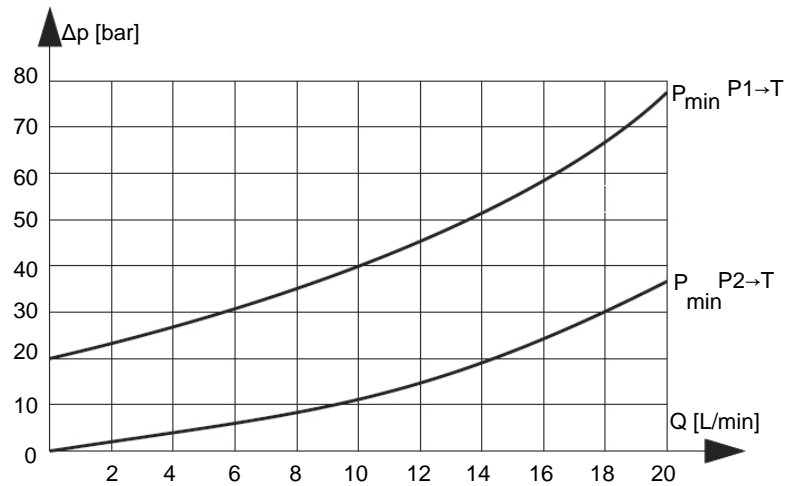
| | |
|---------------------------------|---|
| max. operating pressure | 320 bar |
| max. volume flow | 20 L/min |
| hydraulic fluid temperature | -25 to +70 °C |
| viscosity | 10-600 mm ² /s |
| permissible degree of pollution | max. class 22/19/16 according ISO 4406 |
| filter recommendation | filter retention rate $\beta_{25} > 75$ |

Actuation

| | |
|----------------|---------------------------|
| actuation type | mechanically with hex key |
|----------------|---------------------------|

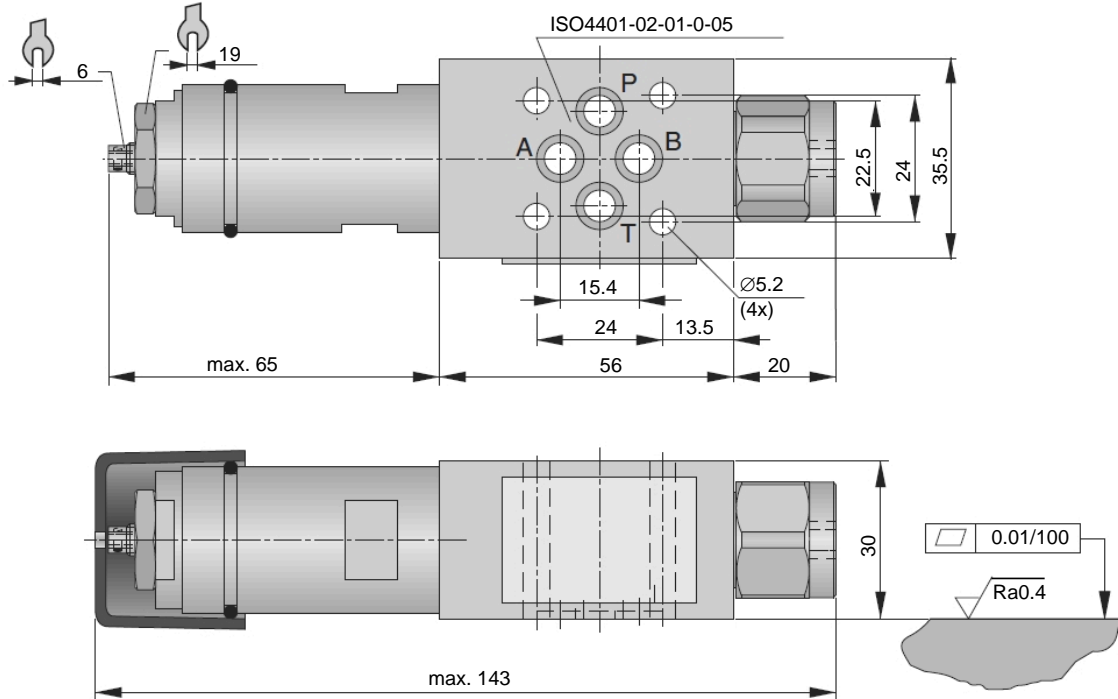
Characteristic lines

measured at +50 °C temperature of hydraulic fluid, viscosity 35 mm²/s, tolerance ±5 %



Dimensions and connections

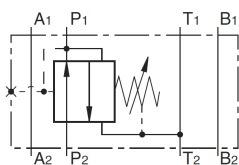
Dimensions are given in mm.



Order information

Type code

| | | | | | |
|------|--|------------------------------------|--------------|---------------------------|------------------|
| VDM | 3 | ZP04 | E | 160 | P |
| | | | | pressure reduction in | line P |
| | | | | pressure ranges | 025 max. 25 bar |
| | | | | | 065 max. 65 bar |
| | | | | | 160 max. 160 bar |
| | | | | | 210 max. 210 bar |
| | | | setting type | E | with hex key |
| | | size | ZP04 | ISO4401-02-01-0-05 (NG04) | |
| | | number of pressure reducing valves | | | |
| type | intermediate plate for pressure reducing valve | | | | |



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