

Codification of Manual and Control Pinch Valves

RV Series



Example Code-No.:

RV 125 3 2 P 1 6 1 B T E
 | | | | | | | | | | |
 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.

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|-------------------------|--|--|
| 1. Series: | RV (Mechanical Pinch Valve) | RVA (Pneumatic Pinch Valve) |
| 2. Nennweite: | in mm | |
| 3. Sleeve: | 1 – NR (natural rubber)
1LS – NR food black
2 – EPDM (Ethylen-Propylen-Dien)
2LS – EPDM food black
2LW – EPDM food white
2H – EPDM high temperature, 115° C
2HT – EPDM high temperature, 130° C
2PU – EPDM polyurethane coated
3 – SBR (styrene butadiene rubber)
4 – FPM (fluorine rubber [viton]) | 5 – CR (neoprene)
5W – CR white
6 – NBR (nitrile)
6S – NBR/FB food quality black
6W – NBR food white
7 – CSM (hypalone)
8 – IIR (butyle)
9 – PU (polyurethane)
PGR – PGR (natural rubber anti-abrasive) |
| 4. Body material: | 1 – cast iron GJL250, was GG25
2 – carbon steel
3 – stainless steel | 4 – other, e.g. Alu, GJS400,
5 ≙ 1, deleted was GJL250
6 ≙ 4, deleted |
| 5. Actuation: | M – manual actuator
MG – manual actuator with reduction gear
P – pneumatic actuator
PD – + pneumatic positioner
PM – + additional wheel for manual operation
PF – + electro-mechanical positioner
PR – + air spring close
PRO – + air spring open | H – hydraulic actuator
E – electro-mechanical actuator
EK – + electrical positioner
PRM – mechanical spring (optional e.g.: P2RM = with 2 mech. springs)
S – without a drive
KR – Sprocket |
| 6. Flange drilling: | 1 – DIN PN 10
2 – DIN PN 16
3 – DIN PN 25
4 – DIN PN 40 | 5 – ANSI 150
6 – ANSI 300
7 – ANSI 600
8 – ANSI 900
9 – Andere, z.B.: ON 64 |
| 7. Pressure stage: | 1 – 1 bar
6 – 6 bar | 10 – 10 bar |
| 8. Construction length: | 1 – DIN 3202 F5
2 – DIN 3202 F15
3 – ASME B16–short | 4 – ASME B16–long
5 – ISO 5752, Tafel 6 |
| 9. Valve type: | B – Valve series 2001 – center-closing, flanged ends | |
| 10. Accessories: | C – electrical control wire
T – opening tabs
S – solenoid valve
L – limit switch | Z – smooth inner surface
X – acc. specification
D – double cone |
| 11. Body type: | O – open body
S – gas-tight body | E – closed body
E/S – closed body with seals |