Codification of RV Pinch Valves

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

1. Description:
RV – Mechanical Pinch Valve, RV Series
RVA– Mechanical Pinch Valve, RV Series (AIRFLEX)

2. Diameter: in mm

3. Sleeve

1	– NR (natural rubber)	**5W**	– neoprene white
2	– EPDM	**6**	– NBR (nitrile)
2LS	– EPDM food black	**6/3L**	– NBR/SBR food quality
2LW	– EPDM food white	**6W**	– Nitrile food white
2HT	– EPDM high temperature	**7**	– CSM (hypalone)
2PU	– EPDM polyurethane coated	**8**	– IIR (butyle)
3	– SBR (styrene butadiene rubber)	**9**	– PU (polyurethane)
4	– FPM (fluorine rubber (viton))	**PGR**	– PGR (natural rubber anti-abrasive)
5	– CR (neoprene)		

4. Body material

1	– cast iron GJL250, was GG25	**4** – other, e.g. Alu, GJS400, ...
2	– carbon steel	**5** ≙ 1, deleted was GJL250
3	– stainless steel	**6** ≙ 4, deleted

5. Actuations:

M	– manual actuator
MA	– control through round opening
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 for unpressurized on / off operation
H	– hydraulic actuator
E	– electro-mechanical actuator
EK	– + electrical positioner
PRM	– mechanical spring (optional e.g..: P2RM = with 2 mech. springs)

6. Flange drilling:

1 – DIN PN 10	**4** – DN PN 40	**7** – ANSI 600
2 – DIN PN 16	**5** – ANSI 150	**8** – ANSI 900
3 – DIN PN 25	**6** – ANSI 300	**9** – other, e.g ON 64

7. Pressure stage: **1** – 1 bar **6** – 6 bar **10** – 10 bar etc.

8. Construction length:

1 – DIN 3202 F5	**2** – DIN 3202 F15	**3** – ASME B16–short
4 – ASME B16–long	**5** – ISO 5752, table 6	

9. Fitting: **B** – Valve series 2001 – center-closing, flanged ends

10. Accessories:

C – electrical control wire	**Z** – smooth inner surface
T – opening tabs	**X** – acc. specification
S – solenoid valve	**D** – double cone
L – limit switch	

11. Body types: **O** – open body **E** – closed body
S – gas-tight body

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