



ARI Rayon heating patent valve Series: 12.071 Type: 2432 Cast iron Flange PN16

Cast iron Rayon CV globe valve, long pattern, soft seated with flange connection, pressure class PN16

Characteristics

Series: 12.071

Type: 2432

Norm: EN (DIN)

Construction type: Straight

Housing material: Cast iron

Surface protection: Standard manufacturers coating

Connection: Flange

Flange finish: Raised face

Stem seal type: Gland seal

Sealing: EPDM

Material disc: EPDM with metal core

Spindle material: 1.4021+QT

Primary spindle seal material: EPDM

Material bonnet: EN-JL1040

Bonnet gasket material: EPDM

Material isolation cap: Plastic

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 120 °C

Maximum pressure difference at 20 °C: 16 bar

Application

- Utility installations and industry.
- Heating, cooling, ventilation and air conditioning systems (HVAC).
- Closed or circulation systems.
- Neutral liquids and gases.
- Recommended in: Utilities

Technical Information

- Extremely low flow resistance.
- Maintenance-free stem seal.
- Simple and easy to insulate.
- Suitable for control function.
- With position indicator.
- With stroke limiter and locking device.

Options

- Available in short pattern; type 2431.
- Available in pressure class PN6; type 2434.

DN ["]	A [mm]	L mm	H mm	M mm	Weight [kg]	Kv [m ³ /h]
15	95	130	190	110	3,5	19,6
20	105	150	190	110	3,9	26,3
25	115	160	190	110	4,5	32,2
32	140	180	190	110	5,6	53,6
40	150	200	215	140	8	62,8
50	165	230	225	140	10,5	94,5
65	185	290	255	140	14,5	156
80	200	310	305	180	18,3	242,5
100	220	350	330	180	24	369
125	250	400	380	180	34,8	532
150	285	480	455	210	48,8	878

Temperature range	Max. oper. pressure
-10°C / 120°C	16 bar
Brief 130°C	

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of disc	Type of bonnet	Actuator material	Kv value	Article
				mm						
									m³/h	
EN-JL1040	DN15	PN16	EN 558, Series 1	130	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	8.4	11812838
EN-JL1040	DN20	PN16	EN 558, Series 1	150	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	18.6	11812839
EN-JL1040	DN25	PN16	EN 558, Series 1	160	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	32	11812840
EN-JL1040	DN32	PN16	EN 558, Series 1	180	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	29.4	11812841
EN-JL1040	DN40	PN16	EN 558, Series 1	200	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	78	11812842
EN-JL1040	DN50	PN16	EN 558, Series 1	230	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	83	11812843
EN-JL1040	DN65	PN16	EN 558, Series 1	290	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	151	11812844
EN-JL1040	DN80	PN16	EN 558, Series 1	310	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	216	11812845
EN-JL1040	DN100	PN16	EN 558, Series 1	350	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	308	11812846
EN-JL1040	DN125	PN16	EN 558, Series 1	400	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Steel	532	11812847
EN-JL1040	DN150	PN16	EN 558, Series 1	480	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Steel	878	11812848
EN-JL1040	DN200	PN16	EN 558, Series 1	600	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Cast iron	1533	14203289

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