



ARI Rayon heating patent valve Series: 12.070 Type: 2431 Cast iron Flange PN16

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

Characteristics

Series: 12.070

Type: 2431

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 long pattern; type 2432.
- Available in pressure class PN6; type 2433.

DN ["]	A [mm]	L mm	H mm	M mm	Weight [kg]	Kv [m ³ /h]
15	95	115	190	110	3,4	15,3
20	105	120	190	110	3,8	21,6
25	115	125	190	110	4,3	31,1
32	140	130	190	110	5,4	50
40	150	140	215	140	7,6	62
50	165	150	225	140	9,1	91
65	185	170	255	140	12,2	136
80	200	180	305	180	17,5	250
100	220	190	330	180	21	383
125	250	200	380	180	28,6	533
150	285	210	455	210	38,3	833

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 mm	Operation	Type of disc	Type of bonnet	Actuator material	Kv value m³/h	Article
EN-JL1040	DN15	PN16	EN 558, Series 14	115	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	9.1	13414957
EN-JL1040	DN20	PN16	EN 558, Series 14	120	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	17.4	11812828
EN-JL1040	DN25	PN16	EN 558, Series 14	125	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	31.8	11812829
EN-JL1040	DN32	PN16	EN 558, Series 14	130	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	32.7	11812830
EN-JL1040	DN40	PN16	EN 558, Series 14	140	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	81	11812831
EN-JL1040	DN50	PN16	EN 558, Series 14	150	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	84	11812832
EN-JL1040	DN65	PN16	EN 558, Series 14	170	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	155	11812833
EN-JL1040	DN80	PN16	EN 558, Series 14	180	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	231	11812834
EN-JL1040	DN100	PN16	EN 558, Series 14	190	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Plastic	312	11812835
EN-JL1040	DN125	PN16	EN 558, Series 14	200	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Steel	583	11812836
EN-JL1040	DN150	PN16	EN 558, Series 14	210	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Steel	743	11812837
EN-JL1040	DN200	PN16	EN 558, Series 14	230	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	Cast iron	1518	12053022

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