



ARI Rayon heating patent valve Series: 12.076 Type: 2430 Cast iron Internal thread (BSPP) PN16

Cast iron Rayon CV globe valve, soft seated with BSP thread ends, pressure class PN16

Characteristics

Series: 12.076 Type: 2430 Norm: EN (DIN)

Construction type: Straight Housing material: Cast iron

Surface protection: Standard manufacturers coating

Connection: Internal thread [BSPP] Stem seal type: Gland seal

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 Actuator material: 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.

DN	L	н	M	Weight	Kv
["]	[mm]	mm	mm	[kg]	[m3/hr]
1/2	115	190	110	2,5	15,3
3/4	120	190	110	2,8	21,6
1	125	190	110	3,1	31,1
1 1/4	130	190	110	3,2	50
1 ½	140	215	140	5,2	62
2	150	225	140	6,2	91

Temperature range	Max. oper. press.				
-10°C / 120°C	16 bar				
brief 130°C					

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of disc	Type of bonnet	Sealing	Kv value m³/h	Article
EN-JL1040	1/2" (15)	PN16	EN 558, Series 14	115	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	EPDM	9.1	12712004
EN-JL1040	3/4" (20)	PN16	EN 558, Series 14	120	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	EPDM	17.4	12711925

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HVAC flow products | Rayon HVAC resiliant sealed valves

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of disc	Type of bonnet	Sealing	Kv value	Article
				mm					m³/h	
EN-JL1040	1" (25)	PN16	EN 558, Series 14	125	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	EPDM	31.8	11812822
EN-JL1040	1.1/4" (32)	PN16	EN 558, Series 14	130	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	EPDM	32.7	11812827
EN-JL1040	1.1/2" (40)	PN16	EN 558, Series 14	140	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	EPDM	81	11812826
EN-JL1040	2" (50)	PN16	EN 558, Series 14	150	Hand wheel, non-rising with rising stem	Fixed disc	Screwed	EPDM	84	12711924

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