



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.
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DN ["]	L [mm]	H mm	M mm	Weight [kg]	Kv [m ³ /hr]
½	115	190	110	2,5	15,3
¾	120	190	110	2,8	21,6
1	125	190	110	3,1	31,1
1 ¼	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 m ³ /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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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" [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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