



ECON® Globe valve Type: 1270 Bronze Flange PN16

Characteristics

Type: 1270
Norm: EN (DIN)
Construction type: Straight
Housing material: Bronze
Connection: Flange
Flange finish: Flat face
Stem seal type: Gland seal
With backflow safeguard: No
Material disc: CC491K (RG5)
Spindle material: CuZn35Ni (SoMs59)
Primary spindle seal material: Graphite
Material bonnet: G-CuSn5ZnPb (Rg5)

Characteristics [2]

Bonnet gasket material: Graphite
Actuator material: Cast iron
Minimum medium temperature (continuous): -10 °C
Maximum medium temperature (continuous): 200 °C
Maximum pressure difference at 20 °C: 16 bar

DN [mm]	Press. rating	A mm	L mm	H mm	M mm	Weight [kg]
15	PN 16	95	120	165	120	3,8
20	PN 16	105	120	165	120	4,2
25	PN 16	115	140	170	140	5
32	PN 16	140	150	180	140	6
40	PN 16	150	155	220	160	10
50	PN 16	165	180	230	160	12
65	PN 16	185	200	245	180	15
80	PN 16	200	240	280	200	21
100	PN 16	220	270	310	225	34
125	PN 16	250	320	355	250	50
150	PN 16	285	370	385	300	72
200	PN 10	340	500	490	400	136

Size	Press. rating	Press.- and temperature range	
		120°C	200°C
DN 15 - 150	PN 16	16 bar	13 bar
DN 200	PN 10	10 bar	8 bar

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
G-CuSn5ZnPb (Rg5)	DN15	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	6	12705236
G-CuSn5ZnPb (Rg5)	DN25	PN16	Manufacturer standard	140	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	12.5	12705238

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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
G-CuSn5ZnPb (Rg5)	DN25	PN16	Manufacturer standard	140	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	12.5	12711804
G-CuSn5ZnPb (Rg5)	DN32	PN16	Manufacturer standard	150	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	21.5	12705239
G-CuSn5ZnPb (Rg5)	DN32	PN16	Manufacturer standard	150	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	21.5	12711805
G-CuSn5ZnPb (Rg5)	DN65	PN16	Manufacturer standard	200	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	88	12705241
G-CuSn5ZnPb (Rg5)	DN80	PN16	Manufacturer standard	240	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	132	12711809
G-CuSn5ZnPb (Rg5)	DN100	PN16	Manufacturer standard	270	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	207	11812078
G-CuSn5ZnPb (Rg5)	DN100	PN16	Manufacturer standard	270	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	207	12711810
G-CuSn5ZnPb (Rg5)	DN125	PN16	Manufacturer standard	320	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	325	12711811

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