

ANGLE GLOBE VALVE FLANGED END PN16

Model : ARV-223FE(D)

Technical Data

Material

No	PART	MATERIAL
1	BODY	Cast Steel EN 10213.10619
2	SEAT SURFACE	Overlay X20Cr13
3	DISC + SEAT SURFACE	Overlay X20Cr13
4	STEM	EN 10088-3 X20Cr13
5	GASKET	SS304 + Graphite
6	HEXAGON NUT	ASTM A194 2H
7	BOLTS	ASTM A193 B7
8	PACKING	Graphite
9	PIN	SS301
10	EYE BOLTS	ASTM A193 B7
11	GLAND	Cast Steel EN 10213.10619
12	HEXAGON NUT	ASTM A194 2H
13	BONNET	Cast Steel EN 10213.10619
14	YOKE NUT	Cu-Alloy
15	HANDWHEEL	Steel
16	LOCK NUT	Stainless Steel

Specification

Design Standard	BS EN 13709
Face to Face Dimension	BS EN 558-1
Flange Standard	BS EN 1092-B1
Pressure Test	BS EN 12266
Applicable	Water, Steam, Air and other non-aggressive liquids and gas

Dimension in mm

DN	L	D	D1	D2	B	f	N-Ø	H	Ø V	Weight (kg)
50	125	165	125	102	20	3	4x18	220	180	12
65	145	185	145	122	18	3	4x18	255	200	16
80	155	200	160	138	20	3	8x18	290	250	23
100	175	220	180	158	20	3	8x18	320	300	32
125	200	250	210	188	22	3	8x18	380	350	48
150	225	285	240	212	22	3	8x22	410	400	70
200	275	340	295	268	24	3	12x22	460	450	120

Pressure-Temperature Ratings

Pressure Rating	-10 °C	20 °C	100 °C	120 °C	150 °C	200 °C	250 °C	300 °C	350 °C	400 °C	450 °C
Cast Steel	40Bar	40Bar	40Bar	40Bar	37Bar	35Bar	32Bar	28Bar	24Bar	21Bar	18Bar

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