

ANGLE GLOBE VALVE FLANGED END PN40

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	22	3	8x18	255	200	18
80	155	200	160	138	24	3	8x18	290	250	24
100	175	235	190	162	24	3	8x22	320	300	35
125	200	270	220	188	26	3	8x26	380	350	53
150	225	300	250	218	28	3	8x26	410	400	78
200	275	375	320	285	34	3	12x30	460	450	132

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