



BLAZE

OS&Y Globe Valve

Model : BT 1408

Description:

The BLAZE BT 1408 OS&Y Globe Valve is a robust, high-performance valve designed for reliable flow control and throttling in industrial applications. Featuring an Outside Screw & Yoke (OS&Y) design for clear stem position indication and a durable ductile iron body with internal and external FBE coating in RAL 5015, it provides excellent corrosion and wear resistance. Designed to EN 13789, with PN16 flanged connections and a temperature range of -10°C to 200°C, it is suitable for HVAC, water treatment, oil and gas, steam and industrial processing systems.

Specifications :

Size	2" to 12" (DN50 to DN300)
Working Pressure	233 psi (16 Bar)
Design Standard	EN 13789
End Connection	EN 1092-2 PN16
Temperature Range	-10°C to 200°C (14°F to 392°F)
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)

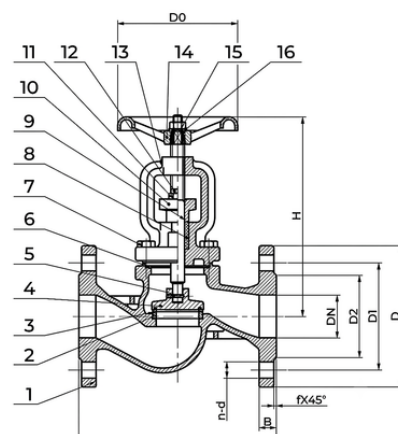
Applications :

- HVAC Systems
- Oil & Gas Pipelines
- Water Treatment Plants
- Steam And Thermal Fluid Systems
- Industrial Processing Systems

Dimensions:

Order Code	DN	Inch	L (mm)	PN10			PN16			D2 (mm)	B (mm)	f (mm)	Do (mm)	H (mm)
				D (mm)	D1 (mm)	n-d	D (mm)	D1 (mm)	n-d					
BT-1408-015-RF	15	½"	130	95	65	4-14	95	65	4-14	46	14	2	100	160
BT-1408-020-RF	20	¾"	150	105	75	4-14	105	75	4-14	56	16	2	100	164
BT-1408-025-RF	25	1"	160	115	85	4-14	115	85	4-14	65	16	3	120	166
BT-1408-032-RF	32	1 ¼"	180	140	100	4-19	140	100	4-19	76	18	3	120	192
BT-1408-040-RF	40	1 ½"	200	150	110	4-19	150	110	4-19	84	19	3	140	199
BT-1408-050-RF	50	2"	230	165	125	4-19	165	125	4-19	99	20	3	140	235
BT-1408-065-RF	65	2 ½"	290	185	145	4-19	185	145	4-19	118	20	3	200	261
BT-1408-080-RF	80	3"	310	200	160	8-19	200	160	8-19	132	20	3	200	300
BT-1408-100-RF	100	4"	350	220	180	8-19	220	180	8-19	156	21	3	240	357
BT-1408-125-RF	125	5"	400	250	210	8-19	250	210	8-19	184	21	3	280	396
BT-1408-150-RF	150	6"	480	285	240	8-23	285	240	8-23	211	22	3	315	465
BT-1408-200-RF	200	8"	600	340	295	8-23	340	295	12-23	266	23	3	360	488
BT-1408-250-RF	250	10"	730	405	350	12-23	405	355	12-28	319	32	3	400	635
BT-1408-300-RF	300	12"	850	460	400	12-23	460	410	12-28	370	32	4	500	800

Note: All dimensions are for informational purposes only. Final details should be verified with the approved technical drawings.



BLAZETECH SYSTEMS LTD.



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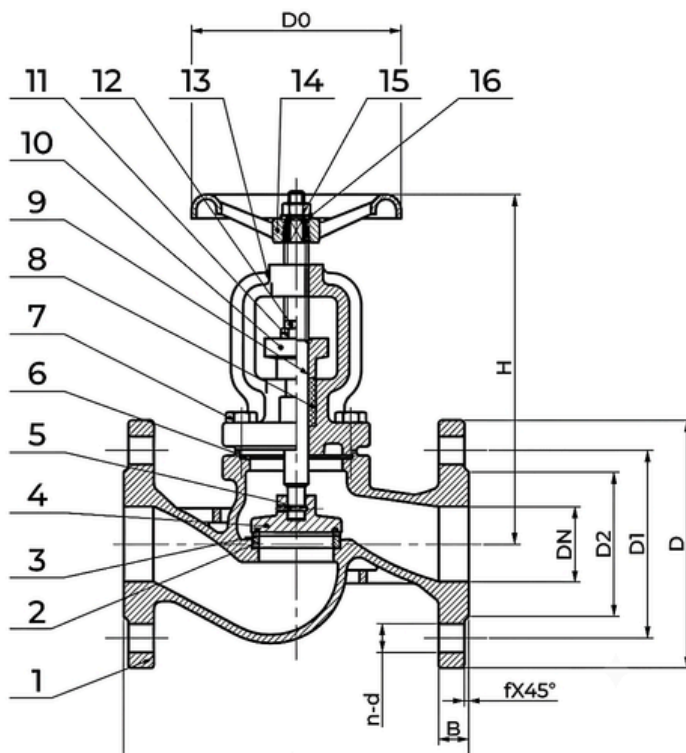
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Material Specification :

No.	Part Name	Material	German Standard	European Standard
1	Body	Ductile Iron	DIN1693 GGG40	BS EN1563 EN-GJS-450-10
2	Body Seat Ring	Stainless Steel	DIN17440 X5CrNi189	EN 10088-1 1.4301
3	Disc Seat Ring DN65-DN300	Stainless Steel	DIN17440 X5CrNi189	EN 10088-1 1.4301
4	Disc - DN15-50	Stainless Steel	SS420	EN 10088-1 1.4301
	Disc - DN65-300	Ductile Iron	DIN1691 GGG40	BS EN1563 EN-GJS-450-10
5	Steel Ball	Steel	DIN17230 100Cr6	EN10027-2 1.3505
6	Gasket	Graphite		
7	Bolt	Steel	DIN17100 RSt37-2	EN10025 S235JR
8	Packing	Graphite		
9	Stem	Stainless Steel	SS420	BS970 420S29
10	Glander Follower	Ductile Iron	DIN1693 GGG40	BS EN1563 EN-GJS-450-10
11	Nut	Steel	DIN17100 RSt37-2	BS970 Part1 080A15
12	T-Bolt	Steel	DIN17100 RSt37-2	BS970 Part1 080A15
13	Bonnet	Ductile Iron	DIN1693 GGG40	BS EN1563 EN-GJS-450-10
14	Handwheel	Cast Iron	DIN1691 GG25	BS EN1561 EN-GJL-250
15	Nut	Steel	DIN17100 RSt37-2	BS970 Part1 080A15
16	Washer	Steel	DIN17100 RSt37-2	BS970 Part1 080A15

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