



Product Description

DENZ Y10 Globe Valve controls a pipeline's flow. The movement of liquid or gas via a pipe is managed or stopped using it. The name "globe valve" refers to the spherical shape of the body, which is divided into two halves by an internal baffle. Globe valves are also known as "Throttle Valves".



Application Areas

- Cooling Water Systems
- Fuel Oil Systems
- High-Point Vents
- Low-Point Drains
- Air Extraction Systems
- Extraction Drain
- Boiler Vents and Drains
- Main Steam Vents and Drains
- Heater Drains
- Turbine Lube Oil Systems
- Turbine Seals and Drains

Production References

Size Range	DN15-300
Pressure Range	PN10-16
Design	EN 13789
Temperature	-10°C to +220°C
Connection	EN 1092-2 Flanged
Face to Face Length	EN 558-1 Series 1
Coating	Industrial Spray Epoxy
Testing	EN12266-1
Marking	EN 19



HVAC



Potable Water

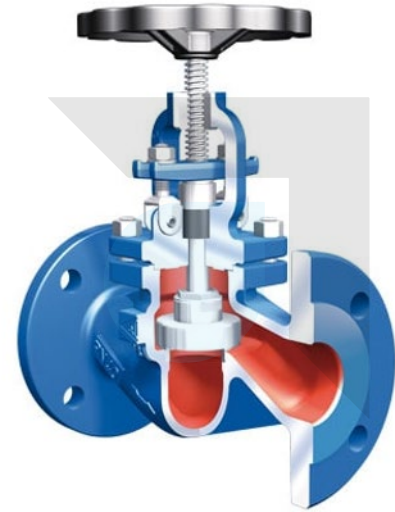


Versions & Accesories	Bellow Seal Version is available (Refer to DENZ Y11)
	Non-Rising Stem Type
	High Pressure PN64 can be manufactured according to the project requirements
	Cast Steel Body is optional
	High temperature resistant coating can be applied for use in extreme heat conditions.

Product Features

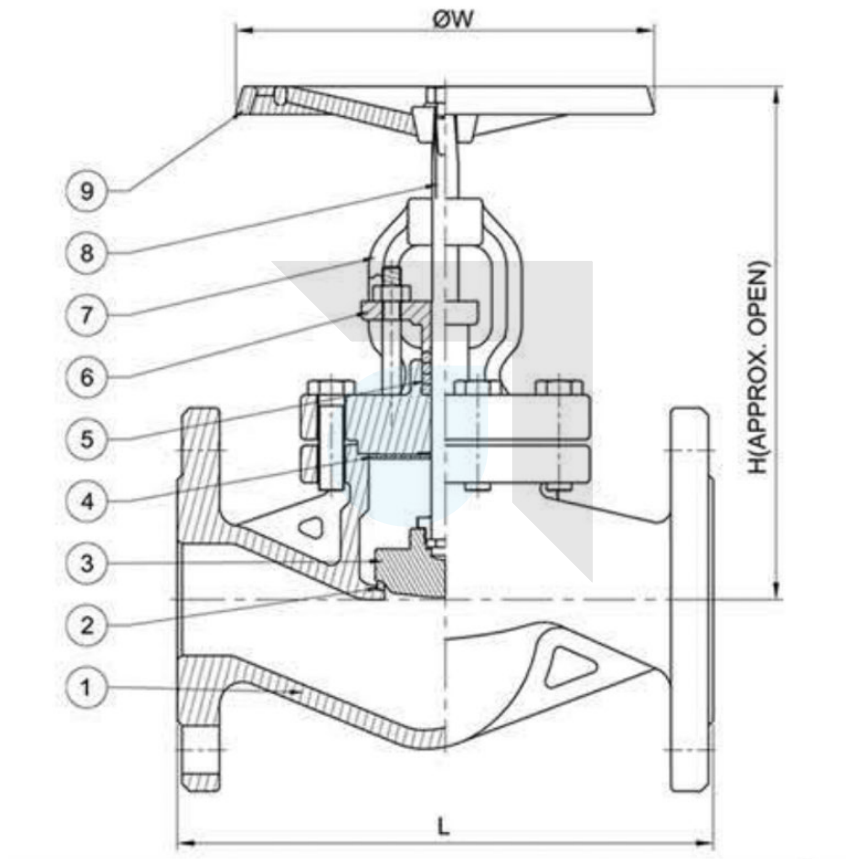


- Metal to Metal Sealing
- Rising-Stem as Standard
- Bolted Bonnet Design
- Gland eyebolts are mounted to swing aside to facilitate packing maintenance
- Anti Blow-out stem design with conical backseat surface to permit repacking of valve in the fully open position
- Plug Seat surface is standard disc design as well as spherical or flat seating surface is optional on customer request.
- Outside Screw & Yoke Rising stem Design (OS&Y)
- Conical Disc, one piece designed with guides for the disc for performance under any service circumstances.
- For Uni-Directional usage only
- Can be used with fluids that contain particles in suspension
- Anti-Leaking Type Stem
- Oblique Body Design
- Available for cold and hot water applications
- Can be used in Steam Applications
- A globe valve's internal baffle forces the product to change course so that it can pass through the baffle. Because of the product's restricted flow due to this tilted movement, there is a pressure decrease following the valve.





Materials

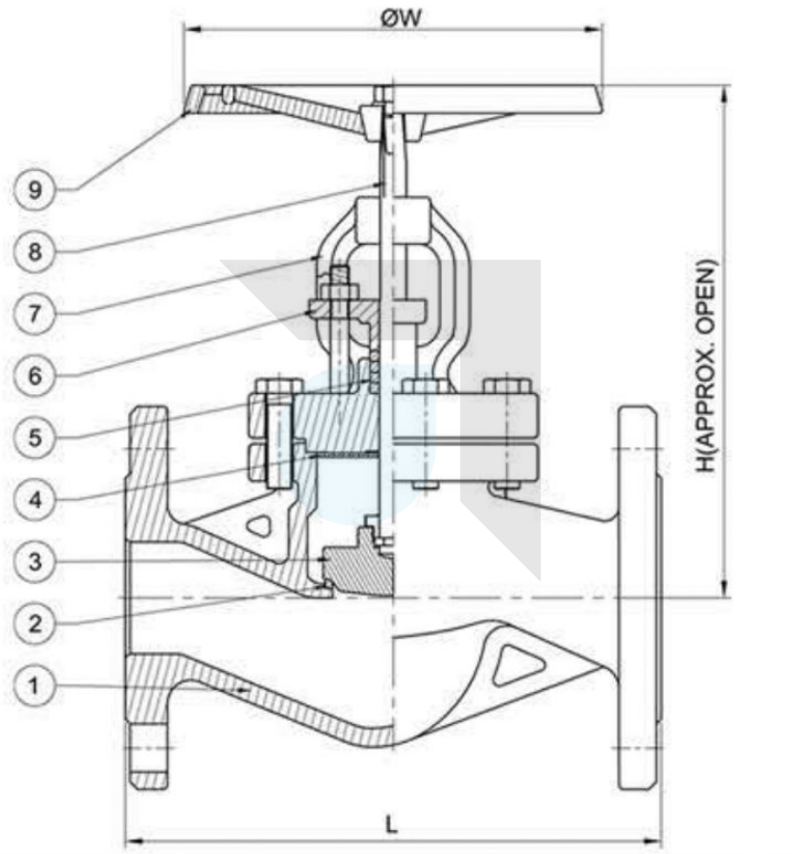


#	Part	Material
1	Body	Cast Iron EN-GJL-250 (GG25)
2	Seat Ring	Stainless Steel AISI420
3	Disc	Stainless Steel AISI420
4	Bonnet Gasket	Graphite
5	Packing	Graphite
6	Gland	Cast Iron EN-GJL-250 (GG25)
7	Bonnet	Cast Iron EN-GJL-250 (GG25)
8	Stem	Stainless Steel AISI420
9	Handwheel	Cast Iron EN-GJL-250 (GG25)





Dimensions



Size	L	H-PN16	H-PN40	W - PN16	W - PN40	KG - PN16	KG - PN40
15	130	167	190	100	120	3,3	4,6
20	150	167	190	100	120	3,9	5,3
25	160	175	205	120	120	5	6
32	180	186	260	120	160	6,6	11
40	200	235	270	160	160	8,4	12,3
50	230	248	275	160	160	12	16
65	290	260	320	180	250	17,3	28
80	310	291	370	200	250	22,7	36
100	350	338	405	250	320	35,8	50
125	400	384	436	250	320	52,8	63
150	480	429	496	320	320	74,2	86
200	600	529	576	360	400	126	175
250	730	638	665	360	500	200	326
300	850	710	770	500	520	315	414

Units: mm / indicative dimensions & weights