

Ductile Iron Globe Valve PN16 FIG. VAL412



Specification

- ✓ Design in accordance with BS EN 13789
- ✓ Metal seated construction
- ✓ Rising stem design
- ✓ Adjustable stem seal
- ✓ Packing replaceable under appropriate service conditions
- ✓ Flanged ends in accordance with BS EN 1092-2, PN16
- ✓ Face-to-face dimensions in accordance with BS EN 558
- ✓ Pressure testing in accordance with BS EN 12266-1
- ✓ Rated working pressure: PN16 / 16 bar
- ✓ Suitable for isolation and flow regulation applications

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	BS EN 1563 – EN-GJS-500-7
2	Bonnet	Ductile Iron	BS EN 1563 – EN-GJS-500-7
3	Body Seat	Bronze	BS EN 1982
4	Disc	Ductile Iron	BS EN 1563 – EN-GJS-500-7
5	Disc Trim	Bronze	BS EN 1982
6	Stem	Stainless Steel	BS EN 10088 – 1.4021 / X20Cr13
7	Packing	Graphite	
8	Gasket	Graphite	
9	Yoke Bushing	Brass	BS EN 12165
10	Handwheel	Ductile Iron	BS EN 1563 – EN-GJS-500-7

Corrosion Protection

- Internally and externally Fusion Bonded Epoxy (FBE) coated
- Minimum coating thickness: 250 µm

Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	203	216	241	292	330	356	495	622	698
H(Open)	295	326	341	394	434	507	579	665	837
D	190	190	190	305	305	305	355	405	455

Features & Benefits

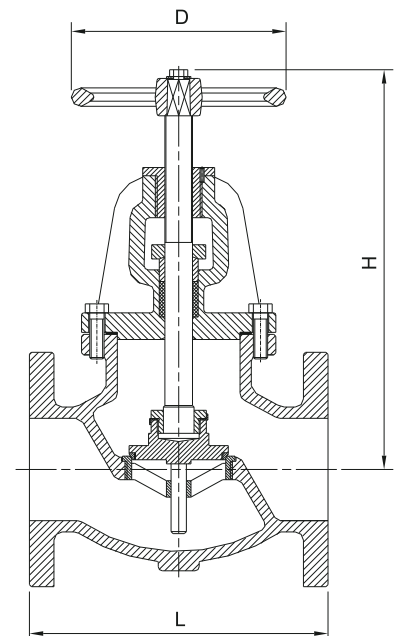
- ✓ Ductile Iron Construction High mechanical strength and long service life
- ✓ Metal Seated Design Provides reliable isolation and is suitable for throttling service
- ✓ Rising Stem Design Provides clear visual indication of valve position
- ✓ Bronze Seating Surfaces Good wear and corrosion resistance
- ✓ Adjustable Stem Sealing Helps maintain reliable sealing performance
- ✓ FBE Coating Provides enhanced internal and external corrosion protection
- ✓ PN16 Flanged Connection Compatible with BS EN piping systems
- ✓ Flow Regulation Globe pattern provides effective throttling and flow control

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 90°C

HYDROSTATIC TEST PRESSURE

- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar



Notes

Specifications, materials and dimensions shown are subject to change without prior notice

