

## GLOBE VALVE

*Cast Steel (PN16)*  
*Bellow seal*

Model : GBS-21



### Materials

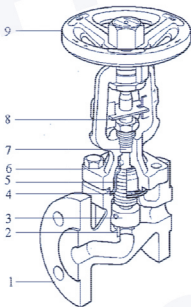
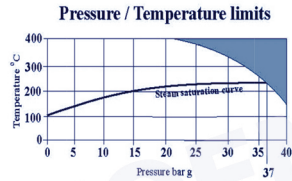
NO.	Partname	Material
1	Body	Cast steel WCB
2	Seat	Stainless steel 304
3	Disc	Stainless steel 304
4	Body / Bonnet gasket	Graphite laminated with stainless steel insert
5	Bellows	Stainless steel 304
6	Bonnet	Cast steel WCB
7	Stem packing	Graphite
8	Stem	Stainless steel 304
9	Handwheel	Pressed steel

### Limiting conditions

- Body design conditions PN40
- Maximum design temperature 400°C
- Maximum operating pressure PN16
- Designed for a maximum 60 bar cold hydraulic test pressure of.

### Description

A flanged PN16 Bellow seal globe valve, in line stop valve for use on steam, gas, liquid, condensate and water systems.



**Size** 15 20 25 32 40 50 65 80 100 125 150 200

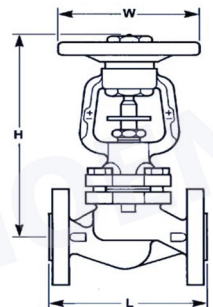
**K<sub>V</sub>** 4 7 12 19 30 47 77 120 193 288 410 725

**For conversion : C<sub>V</sub> (UK) = K<sub>V</sub> x 0.97**

**C<sub>V</sub> (US) = K<sub>V</sub> x 1.17**

### Installation

- Install the valve in the direction of flow given by the arrow on the body
- The preferred position is with the spindle vertical.
- The valve can be installed from the vertical to the horizontal plane



### Dimension

mm

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8
<b>L</b>	130	150	160	180	200	230	290	310	350	400	480	600
<b>H</b>	205	205	210	210	225	230	245	265	350	400	445	622
<b>W</b>	140	140	140	140	160	160	200	200	255	300	350	500