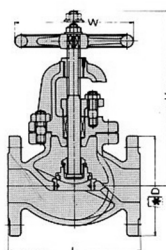


Fig. 34 Cast Iron Globe Valve Flanged

BS5152 Class 16 bar/JIS Class 10 kgf/cm²



Model: BS5152 Class 16 bar



Materials

(Stainless Steel Trim, ▲ Zinc Free Bronze Trim Available)

Parts Name	Material	BS	JIS
Body	Cast Iron	1452 Gr 220	G5501 FC 20
Bonnet	Cast Iron	1452 Gr 220	G5501 FC 20
Disc	Cast Iron	1452 Gr 220	G5501 FC 20
Gland	Cast Iron	1452 Gr 220	G5501 FC 20
Hand Wheel	Cast Iron	1452 Gr 220	G5501 FC 20
Stem (standard)	Brass	2874 CZ 122	H3250 C3771
Stem (alternative)	High Tensile Bronze	2874 CZ 114	H3250 C6782
Body Seat	Gunmetal	1400 LG 2	H5111 BC6
Disc Seat	Gunmetal	1400 LG 2	H5111 BC6
Bolting	Steel		
Packing	Teflon Impregnated Non-Asbestos Packing		
Gasket	Non-Asbestos Joint Sheet		

▲ Zinc Free Bronze Trim: The material of stem shall be stainless steel, BS970 Part 4 302S235.

• Dimensions (mm)

Size (Nom)	inch	2	2½	3	4	5	6	8	10	12
	mm	50	65	80	100	125	150	200	250	300
L: Face to Face	BS5152 Class 16 bar	203	216	241	292	330	356	495	622	698
	JIS Class 10 kgf/cm ²	200	220	240	290	360	410	500	620	700
H: Height—Open—		258	276	306	345	398	463	560	640	885
W: Diam Head Wheel		180	180	200	224	250	315	400	500	600

*D: Flange dimensions of BS5152 class 16 bar and JIS class 10 kgf/cm² conform to BS4504 PN16 and JIS B2212 10 kgf/cm² each (see the table on page 22).

Note: As for BS5152 class 10 bar, size 200mm over are only available. If size 150mm under are required, order and use to BS5152 class 16 bar. All dimensions of installation of both classes are exactly same.

• Working Pressure and Test Pressure

Standard of Flange	Size	Working Pressure	Hydrostatic Test Pressure	
			Body	Seat
BS4504 PN16	50mm ~ 300mm	16 bar (Non-Shock) at -10°C ~ 120°C	24 bar	16 bar
JIS B2212 10 kgf/cm ²	50mm ~ 300mm	14 kgf/cm ² (Non-Shock) at -10°C ~ 120°C	21 kgf/cm ²	15.4 kgf/cm ²

• Remark

- Fig. 12 of catalogue No. 901 is altered to Fig. 34.
- Angle type globe valves as shown in Fig. 32A are available to your order.