



Figure Number and Pressure

PN16 / Class125		PN25 / Class250	
3123	Brass Stem, B16 C36000	3125	Brass Stem, B16 C36000
3124	Stainless Steel Stem SS420	3126	Stainless Steel Stem, SS420
Working Pressure: DN50 to DN300: 16bar / 200psi DN350 to DN600: 16bar / 150psi		Working Pressure: DN50 to DN300: 25bar / 500psi DN350 to DN600: 21bar / 300psi	
Working Temperature: -10°C to 120°C			

Materials List

Part Name		Material	EN Spec.	ASTM Spec.
Body	PN16 / Class125	Cast Iron	EN-JL1040	A126 Class B
	PN25 / Class 250	Ductile Iron	EN-JS1050	A536 65-45-12
Body Ring		Bronze	EN1982 CC491K	B62 C83600
Wedge Ring		Bronze	EN1982 CC491K	B62 C83600
Wedge	PN16 / Class125	Cast Iron	EN-JL1040	A126 Class B
	PN25 / Class 250	Ductile Iron	EN-JS1050	A536 65-45-12
Stem Nut		Brass	CuZn39Pb3	B16 C36000
Stem		See above shown.		
Bonnet	PN16 / Class125	Cast Iron	EN-JL1040	A126 Class B
	PN25 / Class 250	Ductile Iron	EN-JS1050	A536 65-45-12
Gasket		Graphite	Non-asbestos	Non-asbestos
Packing		Graphite	Non-asbestos	Non-asbestos
Handwheel	PN16 / Class125	Cast Iron	EN-JL1040	A126 Class B
	PN25 / Class 250	Ductile Iron	EN-JS1050	A536 65-45-12

Dimensions (mm)

Size	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H	327	322	340	420	477	542	668	750	835	1015	1120	1210	1250	1390
D	BS	190	190	190	305	305	305	405	405	508	558	610	610	762
	ANSI	178	178	200	250	300	300	356	400	457	508	558	610	762

Notes

1. Designed to BS 5150 (EN 1171), MSS SP-70.
2. Flanges machined and drilled to EN1092-2 PN16 / ANSI 125 or EN1092-2 PN25 / ANSI 250, other flange types are available.
3. Design & materials are subject to change without notice.