

GLOBE VALVE & GLOBE CHECK VALVE ANGLE PATTERN

CAST IRON / CARBON STEEL

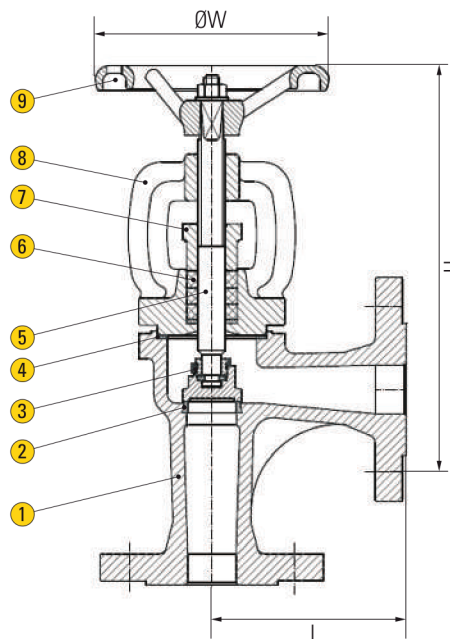
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FIG 216 / 331
FIG 222 / 333



APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Face To Face Dimension
End Connection

According to EN 558-1 Series 8
Flanged End to DIN PN16 and PN40

MATERIAL

Parts	FIG 216 / 331	FIG 222 / 333
1 Body	Cast Iron EN-GJL-250	Cast Steel GP240GH
2 Seat Ring	Stainless Steel X20Cr13	Stainless Steel X20Cr13
3 Disc	Stainless Steel X20Cr13	Stainless Steel X20Cr13
4 Bonnet Gasket	Graphite - CrNiSt	Graphite - CrNiSt
5 Stem	Stainless Steel X20Cr13	Stainless Steel X20Cr13
6 Packing	Graphite	Graphite
7 Gland	Cast Iron EN-GJL-250	Forged Steel C 22.8
8 Bonnet	Cast Iron EN-GJL-250	Cast Steel GP240GH
9 Handwheel	Cast Iron EN-GJL-250	Cast Steel GP240GH

PREASSURE-TEMPERATURE RATINGS ACC. DIN EN 1092-1/2

Material	Temperature										
	-10°C	20°C	100°C	120°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
PN16 - Cast Iron	16 Bar	16 Bar	16 Bar	16 Bar	14 Bar	13 Bar	11 Bar	10 Bar	-	-	-
PN40 - Cast Steel	40 Bar	40 Bar	40 Bar	40 Bar	37 Bar	35 Bar	32 Bar	28 Bar	24 Bar	21 Bar	18 Bar

DIMENSIONS

Unit : mm

Size (mm)	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	90	95	100	105	115	125	145	155	175	200	225	280	325	375
H - PN16	168	168	181	182	226	228	252	270	326	371	421	505	593	810
H - PN40	175	175	178	249	262	278	306	340	375	422	478	565	637	855
ØW - PN16	100	100	120	120	160	160	180	200	250	250	320	360	360	500
ØW - PN40	120	120	120	160	160	160	250	250	320	320	320	400	500	520
Weight (Kg) - PN16	3.1	3.5	4.8	6.6	8.7	11.8	14	20.5	32.2	46	62	106	184	270
Weight (Kg) - PN40	4.1	4.7	4.9	10.6	13.6	16	28	37	48	59.2	75.5	153	188	327

*Specification given are subject to changed without further notice.