STEAM & CONDENSATE | NV-ST-142162

Bellow Seal Globe Valve - Angle Type



Catalogue illustration; selected build may vary.

SIZE RANGE
DN15-DN400

NOMINAL CLASS
PN16 / PN25 / PN40

BODY OPTIONS
Carbon Steel / Ductile Iron / SS316

CONNECTION
Flanged

TEMPERATURE
Confirm for selected body, trim and pressure

Angle-pattern bellows-sealed globe valve with flanged connections for shut-off and regulation in process and steam lines. Select body, disc and seat materials for the medium and check the installation dimensions and differential pressure.

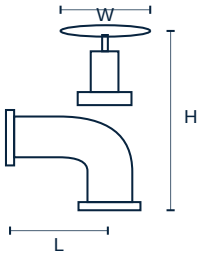
Product selection

Parameter	Listed options
Disc Material	SS316 + Stellite / SS420
Seat Material	SS304 / Stellite
Stem Seal	Bellows seal
Body Pattern	Angle
Reference Model	DIN angle bellows globe

Select options together. The named dimensional reference and approved order drawing govern the supplied configuration.

> DIMENSIONAL REFERENCE: VMV DIN angle bellows globe reference, PN16/PN25/PN40, DN15-DN400. Tables apply to this stated pattern and bonnet arrangement; extended-stem and other constructions use separate drawings.

Dimension key - schematic, not to scale



Use the named model table and approved order drawing for dimensions.

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Reference dimensions - PN16 / PN25 / PN40

DN	L (mm)	W diameter (mm)	H approx. (mm)
15	90	140	177
20	95	140	177
25	100	160	189
32	105	160	189
40	115	180	219
50	125	200	238
65	145	220	287
80	155	250	320
100	175	300	384
125	200	350	407
150	225	400	470
200	275	450	630
250	325	550	692
300	375	600	840
350	425	700	990
400	475	700	1100

VMV bellows catalogue, PDF page 14. All three published PN classes use the listed values. L: centre-to-face on the angle drawing; it is not a straight-valve face-to-face length. W: handwheel diameter. H: approximate overall height as published. No mass table is published.

Bellows-globe family material references

Component	Published family grades
Body / bonnet	GS-C25 / JS1049 / CF8 / CF8M / CF3M
Seat	13Cr / SS304 / SS316 / Stellite
Disc	13Cr / F304 / F316 / Stellite
Bellows	SS304 / SS316L
Stem	20Cr13 / F304 / F316

VMV bellows-globe family material list. JS1049 is the listed ductile-iron family alternative. Material options require their own pressure-temperature and medium review; the dimensional table does not establish identical mass or suitability for every combination.

Configuration and service requirements

- Dimensions apply to the named reference construction. Confirm the selected material, trim, connection standard and approved order drawing before installation. H values marked approximate are reproduced as approximate; no open/closed-stem clearance is inferred.

- Specify design and operating pressure/temperature, medium, flange standard, required actuation and certificates.