STEAM & CONDENSATE | NV-ST-142133

Bellow Seal Globe Valve - DIN



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

DIN-pattern bellows-sealed globe valve with flanged connections for shut-off and regulation in process and steam pipework. Specify the pressure rating, body and trim materials, flange standard and required face-to-face dimension.

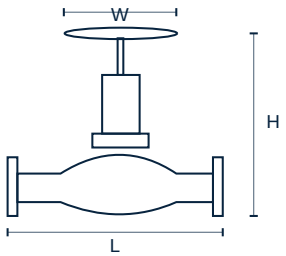
Product selection

Parameter	Listed options
Disc Material	SS316 + Stellite / SS420
Seat Material	SS304 / Stellite
Stem Seal	Bellows seal
Design Standard	DIN pattern
Reference Model	DIN Plus straight bellows globe

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

> DIMENSIONAL REFERENCE: VMV DIN Plus straight 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	130	140	192
20	150	140	192
25	160	160	207
32	180	160	207
40	200	180	234
50	230	200	253
65	290	220	305
80	310	250	337
100	350	300	391
125	400	350	441
150	480	400	497
200	600	450	672
250	730	550	775
300	850	600	852
350	980	700	1021
400	1100	700	1140

VMV bellows catalogue, PDF page 10. All three published PN classes use the listed values. L: face-to-face. 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.