

STEAM & CONDENSATE | NV-ST-142215

Bellow Seal Globe Valve - Y-Type

**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

Catalogue illustration; selected build may vary.

Y-pattern bellows-sealed globe valve with flanged connections for shut-off and regulation in process and steam lines. Confirm body and trim materials, differential pressure, installation orientation and dimensions.

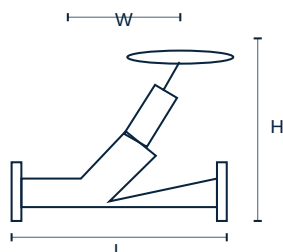
Product selection

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

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

DIMENSIONAL REFERENCE: VMV DIN Y-pattern 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.

Bellow Seal Globe Valve - Y-Type

Reference dimensions - PN16 / PN25 / PN40

DN	L (mm)	W diameter (mm)	H approx. (mm)
15	130	140	191
20	150	140	196
25	160	160	216
32	180	160	226
40	200	180	254
50	230	200	280
65	290	220	320
80	310	250	362
100	350	300	437
125	400	350	480
150	480	400	575
200	600	450	731
250	730	550	900
300	850	600	950
350	980	700	1125
400	1100	700	1235

VMV bellows catalogue, PDF page 13. 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.