STEAM & CONDENSATE | NV-ST-142226

Bellow Seal Gate Valve - OS&Y Type



Catalogue illustration; selected build may vary.

SIZE RANGE
DN50-DN400

NOMINAL CLASS
PN16 / PN25 / PN40

BODY OPTIONS
Carbon Steel / SS304 / SS316

CONNECTION
Flanged

TEMPERATURE
Confirm for selected body, trim and pressure

Bellows-sealed OS&Y gate valve with flanged ends for full-open or full-closed isolation in process and steam pipework. Select body and seat materials for the operating conditions and allow clearance for the rising stem.

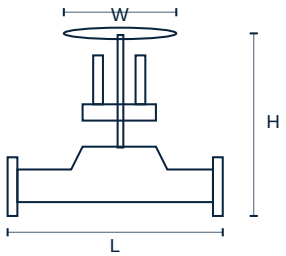
Product selection

Parameter	Listed options
Disc Material	GS-C25 + SS304 / GS-C25 + SS420
Seat Material	SS304 / Stellite
Stem Design	Outside screw & yoke (OS&Y)
Stem Seal	Bellows seal
Reference Model	DIN bellows-sealed OS&Y gate

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

> DIMENSIONAL REFERENCE: VMV DIN bellows-sealed gate reference, PN16/PN25/PN40, DN50-DN400. This is a gate construction; straight-globe and ASME gate tables are excluded.

Dimension key - schematic, not to scale



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

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Bellows gate dimensions - PN16 / PN25 / PN40

DN	L PN16/25 (mm)	L PN40 (mm)	W diameter (mm)	H approx. (mm)
50	250	250	220	500
65	265	280	240	560
80	280	310	280	620
100	300	350	300	800
125	325	400	320	900
150	350	450	350	1105
200	400	550	400	1385
250	450	650	450	1600
300	500	750	500	1950
350	550	850	550	2250
400	600	950	600	2550

VMV bellows catalogue, PDF page 16 (printed page 15). L: face-to-face; W: handwheel diameter. H is approximate as published. No mass table is published for this reference.

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.