STEAM & CONDENSATE | NV-ST-142258

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

Outside-screw-and-yoke gate valve for pipeline isolation. Confirm the body and sealing materials, flange dimensions and operating arrangement against the medium, pressure and temperature of the installation.

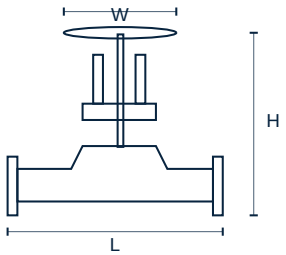
Product selection

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

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

> DIMENSIONAL REFERENCE: VMV DIN cast steel gate reference, PN16/PN25/PN40, DN50-DN400. Dimensions and mass below describe the cast steel reference; stainless body/trim variants require order-specific confirmation.

Dimension key - schematic, not to scale



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

Gate Valve - OS&Y Type

Cast steel gate dimensions and mass - PN16 / PN25

DN	L (mm)	H (mm)	W (mm)	PN16 (kg)	PN25 (kg)
50	250	358	240	24	25
65	270	373	240	26	28
80	280	435	280	40	40
100	300	500	300	50	50
125	325	614	320	66	75
150	350	674	360	90	105
200	400	818	400	140	170
250	450	969	460	200	216
300	500	1145	560	280	290
350	550	1280	640	411	445
400	600	1452	640	560	685

VMV GGC catalogue, PDF page 13 (printed page 22). L: face-to-face; H: reference overall height; W: handwheel diameter. The catalogue establishes H/W column order; the web table transposes those headings.

Cast steel gate dimensions and mass - PN40

DN	L (mm)	H (mm)	W (mm)	Mass (kg)
50	250	370	280	25
65	280	394	280	38
80	310	455	300	48
100	350	550	320	67
125	400	636	400	101
150	450	706	400	135
200	550	859	460	213
250	650	1016	560	375
300	750	1200	640	500
350	850	1340	640	700
400	950	1495	720	1100

Same named cast steel reference, PN40. Mass values are not assigned to stainless alternatives.

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.