STEAM & CONDENSATE | NV-ST-142283

Globe Valve - Flanged PN16/25/40



Catalogue illustration; selected build may vary.

SIZE RANGE
DN15-DN400

NOMINAL CLASS
PN16 / PN25 / PN40

BODY OPTIONS
Carbon Steel / SS304 / SS316

CONNECTION
Flanged

TEMPERATURE
Confirm for selected body, trim and pressure

Flanged globe valve for shut-off and regulation in process and steam pipework, with PN16, PN25 and PN40 options. Select body, disc and seat materials for the medium and pressure-temperature conditions, and specify the required differential pressure.

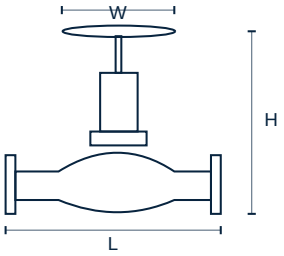
Product selection

Parameter	Listed options
Disc Material	SS304 + Stellite / SS420
Seat Material	SS304 / Stellite
Reference Model	DJ41H DIN globe

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

> DIMENSIONAL REFERENCE: DIN conventional globe reference DJ41H, PN16/25/40. Source drawing and dimensions cover DN15-DN400. Pressure-temperature derating and exact body/trim combination remain configuration-specific.

Dimension key - schematic, not to scale



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

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Reference test pressures

Class	Nominal MPa	Shell test MPa	Seat test MPa
PN16	1.6	2.4	1.76
PN25	2.5	3.75	2.75
PN40	4	6	4.4

Reference test values, not allowable operating pressures at temperature. Published body ranges: CS -29°C to +425°C; SS -59°C to +540°C. Cast-iron GG is excluded because it is not a Nordic catalogue option for this product.

DIN globe dimensions - PN16 / PN25 / PN40

DN	L all PN	W all PN	H PN16	H PN25	H PN40
15	130	120	190	190	190
20	150	120	190	190	190
25	160	140	195	195	195
32	180	140	210	210	210
40	200	160	220	220	220
50	230	180	230	230	230
65	290	180	255	255	255
80	310	200	270	270	270
100	350	250	360	360	360
125	400	300	380	380	380
150	480	300	415	427	436
200	600	400	530	545	562
250	730	520	665	675	683
300	850	550	832	940	952
350	980	600	992	1055	1065
400	1100	650	1205	1213	1225

All dimensions in mm. L and W are identical across the three published class rows; H remains class-specific. No mass values are published.

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.