

Series W-Z41H-16Q

Gate Valve, OSY, Metal Seated

Size: DN50-DN400

Implementation of piping system on and off; Used in plumbing, HVAC, irrigation, commercial, and industrial application.

Features

- Low pressure drop
- Large temperature range
- Bidirectional flow
- Sealed performance
- Compact design
- High reliability and long durability

Pressure-Temperature

- Nominal Pressure: PN16
- Temperature Range: -10°C~120°C

Test Pressures

Hydraulic

Shell: 24 bar

Seat: 17.6 bar

Material

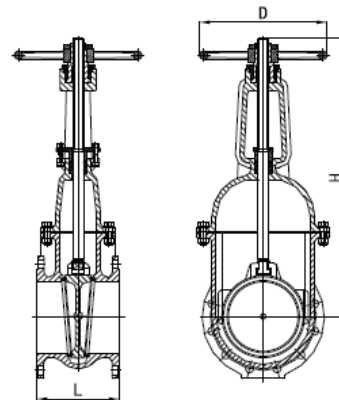
Component	Material	EN Spec	ASTM Spec
Body	Ductile Iron	DN-JS1050	A536 65-45-12
Bonnet	Ductile Iron	DN-JS1050	A536 65-45-12
Seat	Bronze	EN1982 CC491K	B62 C83600
Wedge	Ductile Iron	DN-JS1050	A536 65-45-12
Wedge Trim	Bronze	EN1982 CC491K	B62 C83600
Stem	Stainless Steel	BS970 420S37	AISI 420
Wedge Nut	Brass	CuZn39Pb3	B16 C36000
Gasket	PTFE	Polytetrafluoroethylene	ASTM D3294
Packing	EPDM	EN681-1	ASTM D3568
Packing Nut	Stainless Steel	BS970 304S15	AISI 304
Bonnet Bolts & Nuts	Stainless Steel	BS970 304S15	AISI 304
Hand Wheel	Ductile Iron	EN-JS1050	A536 65-45-12

Specification

- Connection Standard: PN16 to EN1092-2
- Corrosion Protection: internally and externally liquid epoxy painted
- Medium: water, oil, gas

Approval

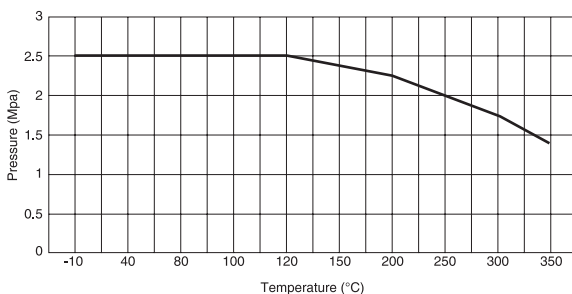
WRAS
APPROVED
PRODUCT



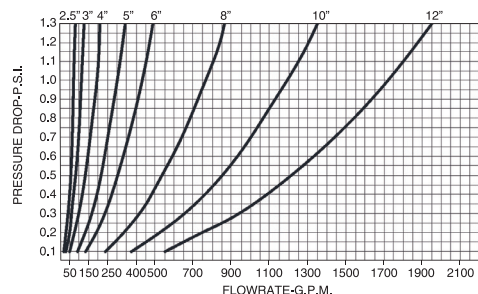
Installation Dimensions

Size(mm)	50(mm)	65(mm)	80(mm)	100(mm)	125(mm)	150(mm)	200(mm)	250(mm)	300(mm)	350(mm)	400(mm)
L	178	190	203	229	254	267	292	330	356	381	406
H	265	316	338	409	486	573	701	843	984	1990	2121
D	180	200	200	220	254	280	355	405	405	558	558

Pressure-Temperature Chart



Characteristic Curve



Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.