

200PSI OS&Y Flanged x Grooved End Gate Valve

Model: Z481

Resilient Wedge OS&Y Gate Valve – Flanged x Grooved End

Technical Features

- Nominal Pressure: 200PSI
- Flange Standard: ASME / ANSI B16.1 Class 125 or ASME / ANSI B16.42 Class 150 or BS EN1092-2 PN16 or GB / T9113.1
- Groove standard : ANSI / AWWA C606 or Metric
- Face to Face Standard: ASME B16.10
- Sizes: 2", 2½", 3", 4", 5", 6", 8", 10", 12"
- Approvals: FM, UL, CUL, NSF / ANSI 61 & NSF / ANSI 372
- Maximum Working Pressure: 200 PSI (Maximum Testing Pressure: 400 PSI) conforms to UL 262, ULC / ORD C262-92 , FM 1120 / 1130
- Maximum Working Temperature: 80°C / 176°F
- Coating Details: Epoxy coated interior and exterior by Electrostatic Spray or Coating upon request
- NPT plug on body with 2 operating nuts
- Certified lead-free by NSF / ANSI 61 & NSF / ANSI 372 is available

Valve Material List

NO.	Name	Material
1	Body	Ductile Iron
2	Disc	Ductile Iron +EPDM
3	Connecting Part	C95400
4	Sealing Pad	EPDM
5	Stem	Stainless Steel 304
6	Yoke	Ductile Iron
7	Bolt	Steel 1045
8	Gland	Ductile Iron
9	Nut	Steel 1045
10	Rotating Nut	C95400
11	Handwheel	Steel 1045
12	Lock Nut	Steel 1045
13	Countersunk Head Bolt	Steel 1045
14	Cylinder Pin	Stainless Steel 304

Dimensions

Size	L	H	øD	øD1	øE	F	G
2"	178	313	152	60.3	57.2	15.9	7.9
2½"	190	340	178	76.1	72.3	15.9	7.9
3"	203	387	191	88.9	84.9	15.9	7.9
4"	229	440	229	114.3	110.1	15.9	9.5
5"	254	546	254	141.3	137	15.9	9.5
6"	267	607	279	168.3	163.9	15.9	9.5
8"	292	786	343	219.1	214.4	19	11.1
10"	330	946	406	273	268.3	19	12.7
12"	356	1110	483	323.9	318.3	19	12.7

