

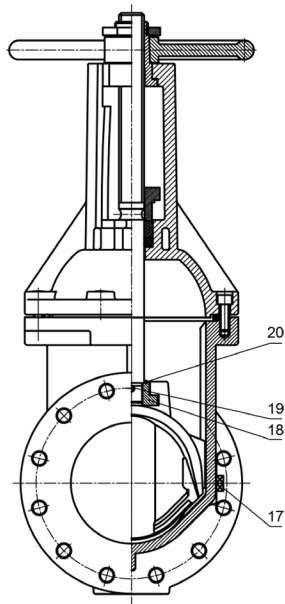
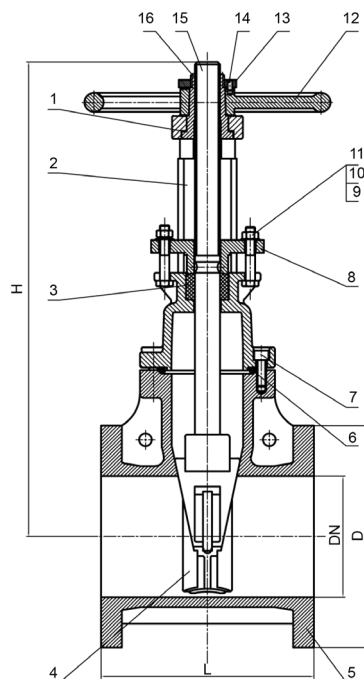
300PSI OS & Y Flanged End Gate Valve

Model: OSY-FRD

Resilient Wedge OS & Y Gate Valve – Flanged End

Version 1.01
January 2025 release

300PSI OS & Y Flanged End Gate Valve Model: OSY-FRD



Technical Features

Nominal Pressure	300PSI
Flange Standard	ASME / ANSI B 16.1 Class 125 or ASME / ANSI B 16.42 Class 150 or BS EN 1092-2 PN 16
Sizes	2½", 3", 4", 5", 6", 8", 10", 12"
Face to Face Standard	ASME B 16.10
Approvals	UL & FM
Maximum Working Pressure	300PSI (Maximum Testing Pressure: 600 PSI) conforms to UL262 & 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	

Valve Material List

No	Description	Material
1	Gasket	C95400
2	Bonnet	Ductile Iron
3	Packing	Graphite
4	Disc	Ductile Iron + EPDM
5	Body	Ductile Iron
6	Sealing Ring	EPDM
7	Bolt	Steel 1045
8	Gland	Ductile Iron
9	Nut	Steel 1045
10	Flat Washer	Steel 1045
11	Bolt	Steel 1045
12	Handwheel	Ductile Iron
13	Lock Nut	C95400
14	Locating Screw	Stainless Steel 304
15	Stem	Stainless Steel 304
16	Stem Nut	C95400
17	Plug	C95400
18	Lifting Nut	CF8
19	Pin	Stainless Steel 304
20	Sealing Ring	EPDM

Dimensions

Part No.	Size	DN	L	D	H
OSY-FRD-065	2 ½"	65	190	178	370
OSY-FRD-080	3"	80	203	191	420
OSY-FRD-100	4"	100	229	229	447
OSY-FRD-125	5"	125	254	254	547
OSY-FRD-150	6"	150	267	279	607
OSY-FRD-200	8"	200	292	343	754
OSY-FRD-250	10"	250	330	406	890
OSY-FRD-300	12"	300	356	483	1031



Gate 2, Aljada Logistics Area,
Behind Arada Project Management
Office, Near Airport Road,
Muweilah, 22436, Sharjah

rhinotek.ae