

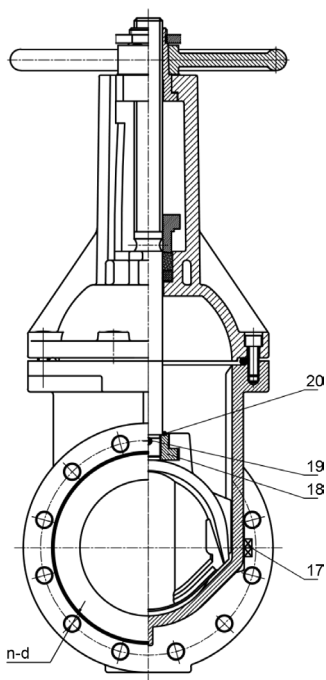
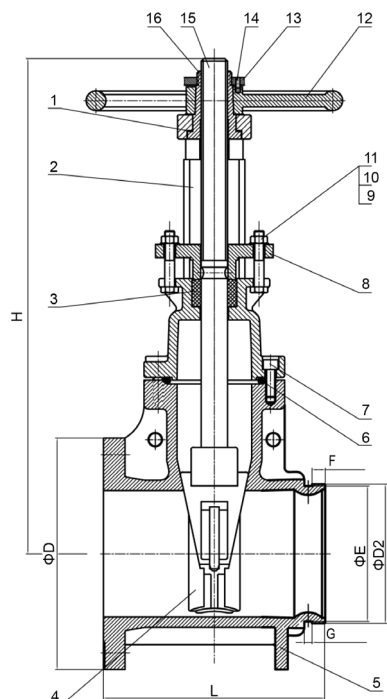
**300PSI OS & Y
Flanged X Grooved End Gate Valve**

Model: OSY-FRA

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

Version 1.01
January 2025 release

300PSI OS & Y Flanged X Grooved End Gate Valve Model: OSY-FRA



Technical Features

Nominal Pressure	300PSI
Face to Face Standard	ASME B16.10
Sizes	2½", 3", 4", 5", 6", 8", 10", 12"
Flange Standard	ASME / ANSI B16.1 Class 125 or ASME / ANSI B16.42 Class 150 or BS EN1092-2 PN16
Groove Standard	Metric or ANSI / AWWA C606
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	Stainless Steel 304 or C95400
2	Bonnet	Ductile Iron
3	Packing	Graphite
4	Disc	Ductile Iron + EPDM
5	Body	Ductile Iron
6	Sealing Ring	EPDM
7	Bolt	Stainless Steel 304 or Steel 1045
8	Gland	Ductile Iron
9	Nut	Stainless Steel 304 or Steel 1045
10	Flat Washer	Stainless Steel 304 or Steel 1045
11	Bolt	Stainless Steel 304 or Steel 1045
12	Handwheel	Ductile Iron
13	Lock Nut	C95400
14	Locating Screw	Stainless Steel 304 or Steel 1045
15	Stem	Stainless Steel 304 or C95400
16	Stem Nut	C95400
17	Plug	C95400
18	Lifting Nut	CF8 or C95400
19	Pin	Stainless Steel 304
20	Sealing Ring	EPDM

Dimensions

Part No.	Size	DN	L	D	F	D2	E	G	H
OSY-FRA-065	2 ½"	65	190	178	15.9	73	69.1	7.9	370
						76.1	72.3		
OSY-FRA-080	3"	80	203	191	15.9	88.9	84.9	7.9	420
OSY-FRA-100	4"	100	229	229	15.9	114.3	110.1	9.5	447
OSY-FRA-125	5"	125	254	254	15.9	139.7	135.5	9.5	547
						141.3	137		
OSY-FRA-150	6"	150	267	279	15.9	165.1	160.8	9.5	607
						168.3	163.9		
OSY-FRA-200	8"	200	292	343	19	216.3	211.6	11.1	754
						219.1	214.3		
OSY-FRA-250	10"	250	330	406	19	273	268.3	12.7	890
OSY-FRA-300	12"	300	356	483	19	323.9	318.3	12.7	1031



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