

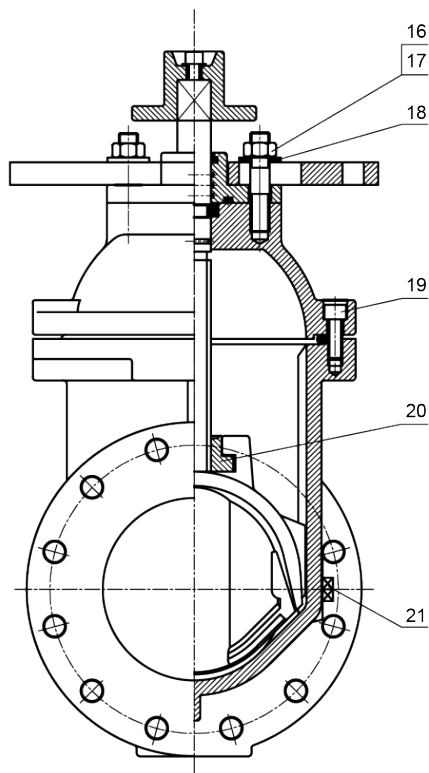
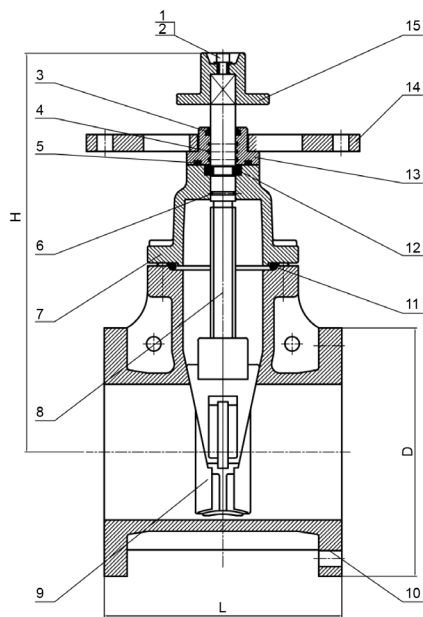
## **300PSI NRS Flanged End Gate Valve**

**Model: NRS-FRD**

Resilient Wedge NRS Gate Valve – Flanged End

Version 1.01  
January 2025 release

## 300PSI NRS Flanged End Gate Valve Model: NRS-FRD



### Technical Features

Nominal Pressure	300PSI
Flange Standard	ASME / ANSI B16.1 Class 125 or ASME / ANSI B16.42 Class 150 or BS EN 1092-2 PN16
Sizes	2½", 3", 4", 5", 6", 8", 10", 12"
Face to Face Standard	ASME B16.10
Approvals	UL & FM
Maximum Working Pressure	300PSI (Maximum Testing Pressure: 600PSI) 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	Flat Washer	Steel 1045 or Stainless Steel 304
2	Inner Hexagon Screw	Steel 1045 or Stainless Steel 304
3	Sealing Gland	EPDM
4	O-Ring	EPDM
5	Sealing Ring	EPDM
6	O-Ring	EPDM
7	Bonnet	Ductile Iron
8	Stem	Stainless Steel 304
9	Disc	Ductile Iron + EPDM
10	Body	Ductile Iron
11	Sealing Ring	EPDM
12	Retaining Ring	C95400
13	Gland	Ductile Iron
14	Terminal Pad	Ductile Iron
15	Link Block	Ductile Iron
16	Nut	Stainless Steel 304 or Steel 1045
17	Studs	Stainless Steel 304 or Steel 1045
18	Washer	Steel 1045
19	Inner Hexagon Screw	Steel 1045
20	Master Screw	C95400
21	Plug	C95400

### Dimensions

Part No.	Size	DN	L	D	H
NRS-FRD-065	2½"	65	190	178	292
NRS-FRD-080	3"	80	203	191	322
NRS-FRD-100	4"	100	229	229	342
NRS-FRD-125	5"	125	254	254	412
NRS-FRD-150	6"	150	267	279	448
NRS-FRD-200	8"	200	292	343	534
NRS-FRD-250	10"	250	330	406	635
NRS-FRD-300	12"	300	356	483	720



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