NRS GATE VALVES FOR INDICATOR POST

Model VCNRS-300-P

Flanged Resilient Gate Valve

4”, 6”, 8”, 10” & 12”

c UL us LISTED EX15963 FM APPROVED CE



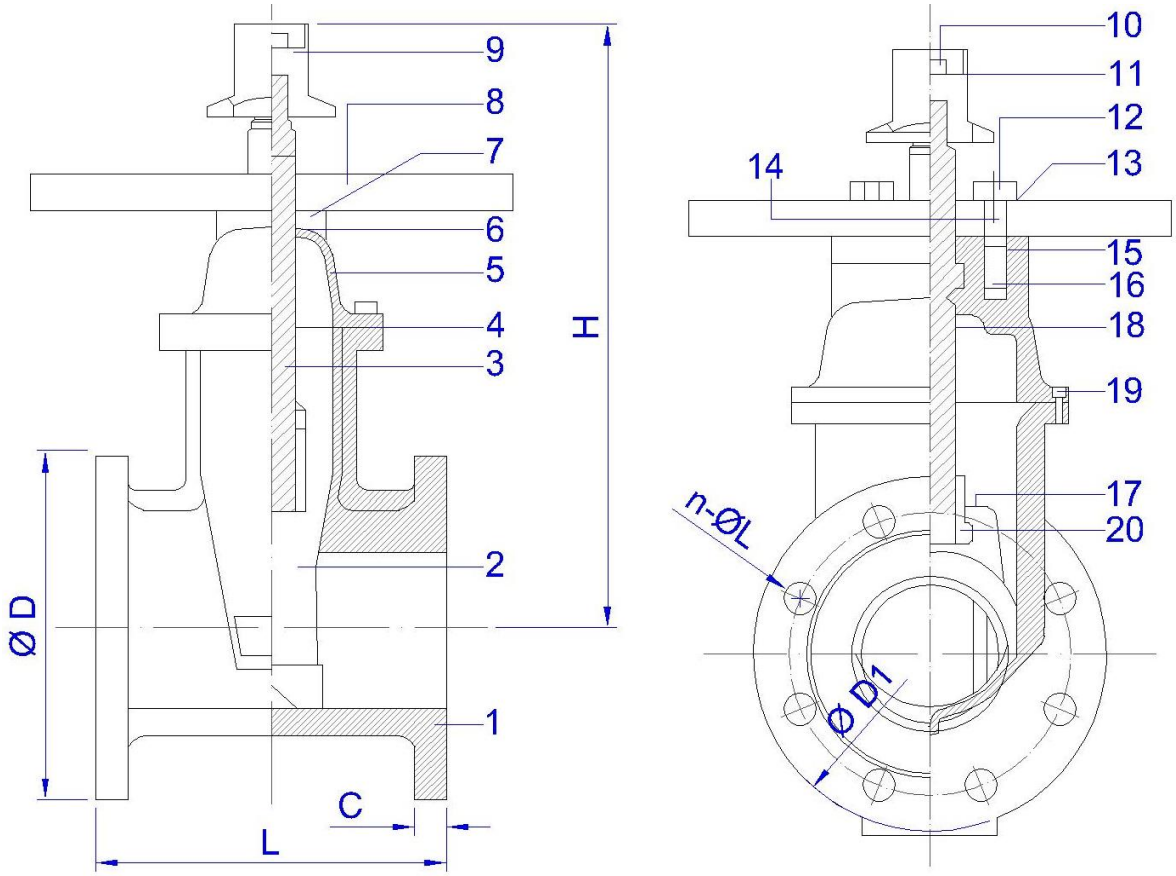
TECHNICAL DATA

Model	VCNRS-300-P Flanged resilient NRS gate valve 300 psi for indicator posts
Sizes	4” DN100 6” DN150 8” DN200 10” DN250 12” DN300
End Connection	Flange to DIN EN 1092-2:1997 ASME B16.1 Mechanical Joint
Maximum Working pressure	21 bar (300 psi)
Working temperature	32ºF to 176ºF (0ºC to 80ºC)
Coating	Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550
Finish	Red RAL 3000

DIMENSIONS

SIZES		FLANGE	DIMENSIONS (mm)					
Inch	mm		L	H	D	D1	C	n-ΦL
4	100	DIN	229	395	229	180	19,1	8-Φ19,1
		ASME				190,5		
6	150	DIN	267	475	279	240	19,1	8-Φ22,2
		ASME				241,3		
8	200	DIN	292	585	343	295	22,2	8-Φ22,2
		ASME				298,5		12-Φ22,2
10	250	DIN	330	656	406	350	23,8	12-Φ22,2
		ASME				362		12-Φ25,4
12	300	DIN	356	751	483	400	25,4	12-Φ22,2
		ASME				431,8		12- Φ25,4

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MATERIAL LIST

ITEM	NAME	MATERIAL
1	Valve body	ASTM A536, 65-45-12
2	Resilient Wedge Disc	ASTM A536, 65-45-12 + EPDM
3	Stem	AISI 431
4	Bonnet Gasket	EPDM
5	Bonnet	ASTM A536, 65-45-12
6	O-ring	NBR
7	Gland	ASTM A536, 65-45-12
8	Post Flange	ASTM A536, 65-45-12
9	Square Operating Nut	ASTM A536, 65-45-12
10	Bolt	Carbon Steel Zinc Plated
11	Flat Washer	Carbon Steel Zinc Plated
12	Nut	Carbon Steel Zinc Plated
13	Flat Washer	Carbon Steel Zinc Plated
14	Ring Wiper	EPDM
15	O-ring	NBR
16	Axis Guide	Brass HPb59-1
17	Washer	Brass HPb59-1
18	O-ring	NBR
19	Nut	Carbon Steel Zinc Plated
20	Wedge Nut	Brass HPb59-1

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ORDERING INFORMATION

SIZE	FLANGE TYPE	
	DIN EN 1092-2:1997 PN16	ASME B16.1 #125
4” DN100	VCE100BR300V0	VCE100BR300V1
6” DN150	VCE150BR300V0	VCE150BR300V0
8” DN200	VCE200BR300V0	VCE200BR300V1
10” DN250	VCE250BR300V0	VCE250BR300V1
12” DN300	VCE300BR300V0	VCE300BR300V1

Specify:

Model number	
Quantity	
Size of valve	
Flange type	

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- Sprinklers:
  - Standard Coverage
  - Extended Coverage
  - Storage
  - Dry
  - Accessories

- Alarm Check Valves for Sprinkler
  - Wet
  - Dry
  - Preaction Equipment
  - Accessories

- Spray System Open Nozzles
  - High Velocity Nozzles
  - Medium Velocity Nozzles
  - Window Nozzles
  - Hydroshield Nozzles
  - Mushroom Type Nozzles

- Foam equipment
  - Tanks
  - Proportioners
  - Foam Discharge Equipment
  - Foam Concentrates

- Deluge equipment Water Spray and Foam
  - Clapper Deluge Valves
  - Diaphragm Deluge Valves

- Monitors
  - Manual Monitors
  - Remote Monitors
  - Monitor Nozzles
  - Towers and Trolleys

- Valves
  - Butterfly Valves
  - Gate Valves
  - Check Valves
  - Pressure Control Valves
  - Test and Drain
  - Hose, Hydrant and Fire Connection Valves
  - Fire Department Connections

The equipment presented in this data sheet is to be installed in accordance with the latest published Standards of the national fire protection association (NFPA), FM Global, LPCB, VdS or other similar organizations, also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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