NRS GATE VALVES HANDWHEEL ACTUATED

Model VCNRS-232-IP

Flanged Resilient Gate Valve with position indicator

2”, 2 ½”, 3”, 4”, 6”, 8”, 10” & 12”

c UL us LISTED EX15963 FM APPROVED CE



TECHNICAL DATA

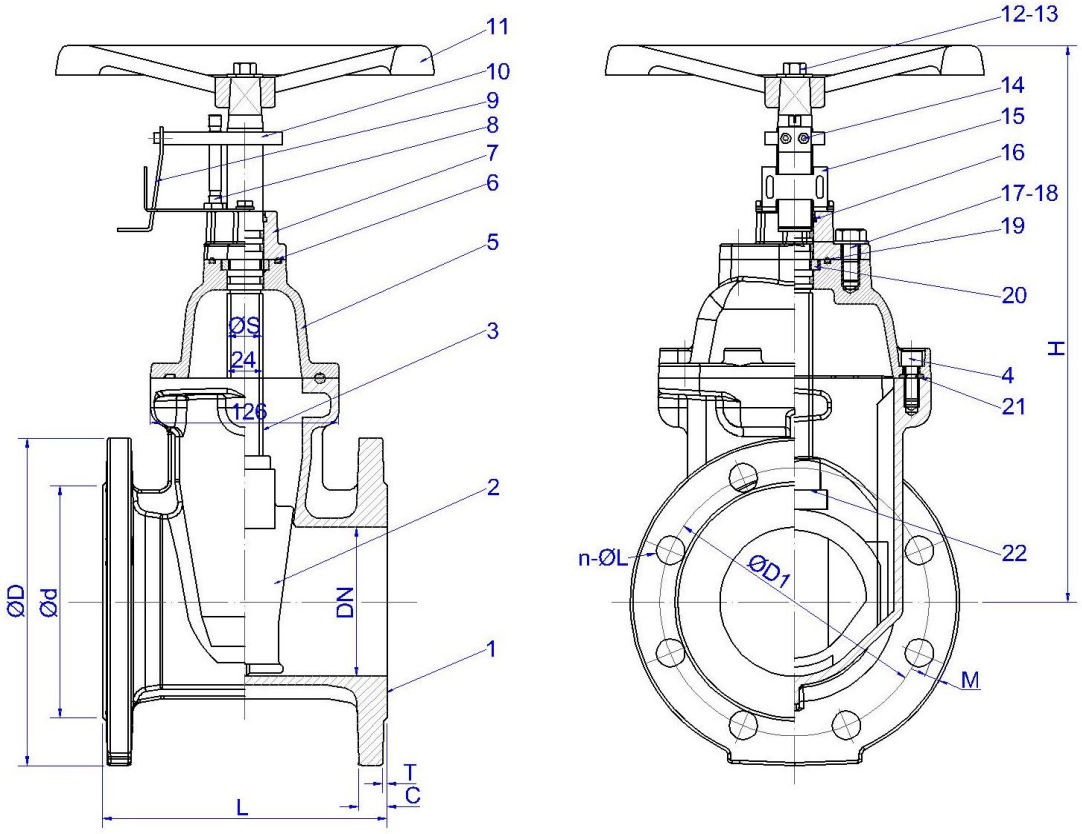
Model	VCNRS-232-IP Flanged resilient NRS gate valve 232 psi handwheel operated with position indicator
Sizes	2 ” DN50, 2 ½ ” DN65, 3” DN80, 4” DN100, 6” DN150, 8” DN200, 10” DN250 & 12” DN300 (1)
End Connection	Flange to DIN EN 1092-2:1997 ASME B16.1 (1)
Operated	Handwheel
Maximum Working pressure	16 bar (232 psi)
Working temperature	32ºF to 176ºF (0ºC to 80ºC)
Coating	Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550
Finish	Red RAL 3000

(1) 12” DN300 gate valve only flange type DIN EN 1092-2:1997

DIMENSIONS

SIZES		FLANGE	DIMENSIONS (mm)							
Inch	mm		L	H	D	D1	d	C	T	n-ΦL
2	50	DIN	150	282	165	125	99	19	3	4-Φ19
		ASME				120,7	92			
2 ½	65	DIN	170	290	185	145	118	19	3	4-Φ19
		ASME				139,7	104,7			
3	80	DIN	180	331	200	160	132	19	3	8-Φ19
		ASME				152.4	127			4-Φ19
4	100	DIN	190	366	220	180	156	19	3	8-Φ19
		ASME				190,5				
6	150	DIN	210	490	285	240	211	19	3	8-Φ23
		ASME				241,3				
8	200	DIN	230	560	340	295	266	20	3	12-Φ23
		ASME				298,5				8-Φ23
10	250	DIN	250	706	405	355	319	22	3	12-Φ28
		ASME				362				12-Φ25,4
12	300	DIN	270	802	460	410	370	24,5	4	12- Φ28

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MATERIAL LIST

ITEM	NAME	MATERIAL
1	Valve body	Ductile iron EN-GJS-450-10
2	Resilient Wedge Disc	Ductile iron EN-GJS-450-10 + EPDM
3	Stem	SS420
4	Bolt	Carbon Steel Zinc Plated
5	Bonnet	Ductile iron EN-GJS-450-10
6	O-ring	NBR
7	Gland flange	Ductile iron EN-GJS-450-10
8	Position fixing spindle	SS316
9	Position indicator (normally open gate valve)	SS316
10	Position fixing plate	SS316
11	Handwheel	Ductile iron EN-GJS-450-10
12	Bolt	Carbon Steel Zinc Plated
13	Flat Washer	Carbon Steel Zinc Plated
14	Bolt	SS304
15	Fixed plate	SS316
16	Ring Wiper	EPDM
17	Bolt	Carbon Steel Zinc Plated
18	Flat Washer	Carbon Steel Zinc Plated
19	O-ring	NBR
20	Thrust Washer	Brass HPb59-1
21	Bonnet Gasket	EPDM
22	Wedge Nut	Brass HPb59-1

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ORDERING INFORMATION

SIZE	FLANGE TYPE	
	DIN EN 1092-2:1997 PN16	ASME B16.1 #125
2” DN50	VCE050BRCEV0	VCE050BRCEV1
2 ½” DN65	VCE065BRCEV0	VCE065BRCEV1
3” DN80	VCE080BRCEV0	VCE080BRCEV1
4” DN100	VCE100BRCEV0	VCE100BRCEV1
6” DN150	VCE150BRCEV0	VCE150BRCEV0
8” DN200	VCE200BRCEV0	VCE200BRCEV1
10” DN250	VCE250BRCEV0	VCE250BRCEV1
12” DN300	VCE300BRCEV0	

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.
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