OS&Y GATE VALVE HANDWHEEL ACTUATED

Model VCOS&Y-300

Flanged Resilient Gate Valve

2”, 2 ½”, 3”, 4”, 6”, 8”, 10” & 12”

c UL us LISTED EX15963 FM APPROVED CE



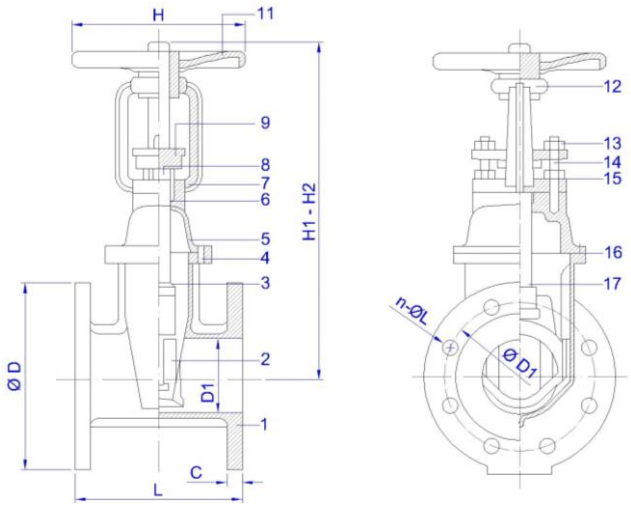
TECHNICAL DATA

Model	VCOS&Y-300 Flanged resilient OS&Y gate valve 300 psi Handwheel operated
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
Operated	Handwheel
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	H1 (closed)	H2 (opened)	D	D1	C	n-ΦL
2	50	DIN	178	348	400	152	125	19	4-Φ19
		ASME					120,7		
2 ½	65	DIN	190	373	440	178	145	19	4-Φ19
		ASME					139.7		
3	80	DIN	203	408	490	191	160	19	8-Φ19
		ASME					152,4		4-Φ19
4	100	DIN	229	471	573	229	180	19	8-Φ19
		ASME					190,5		
6	150	DIN	267	601	755	279	240	19	8-Φ23
		ASME							
8	200	DIN	292	774	975	343	295	20	12-Φ23
		ASME					298,5		8-Φ23
10	250	DIN	330	939	1193	406	355	22	12-Φ28
		ASME					362		12-Φ25
12	300	DIN	356	1065	1370	483	410	24,5	12- Φ28
		ASME					431,8		12-Φ25

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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	ANSI 420
4	Bonnet Gasket	EPDM
5	Bonnet	ASTM A536, 65-45-12
6	Stem Packing	EPDM
7	Yoke	ASTM A536, 65-45-12
8	Stem Bushing	Brass HPb59-1
9	Gland	ASTM A536, 65-45-12
10	Stem Nut	Brass HPb59-1
11	Handwheel	ASTM A536, 65-45-12
12	Washer	Brass HPb59-1
13	Gland nut	Carbon Steel Zinc Plated
14	Stud	Carbon Steel Zinc Plated
15	Flat Washer	Carbon Steel Zinc Plated
16	Nut	Carbon Steel Zinc Plated
17	O-ring	EPDM

ORDERING INFORMATION

SIZE	CONNECTION	
	DIN EN 1092-2:1997	ANSI B16.1 CL. 125Lb
2” DN50	VCA050BR300V0	VCA050BR300V1
2 ½” DN65	VCA065BR300V0	VCA065BR300V1
3” DN80	VCA080BR300V0	VCA080BR300V1
4” DN100	VCA100BR300V0	VCA100BR300V1
5” DN125	VCA125BR300V0	VCA125BR300V1
6” DN150	VCA150BR300V0	VCA150BR300V0
8” DN200	VCA200BR300V0	VCA200BR300V1
10” DN250	VCA250BR300V0	VCA250BR300V1
12” DN300	VCA300BR300V0	

Specify:

Model number	
Quantity	
Size of valve	

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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