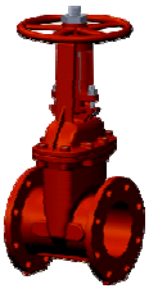
OS&Y GATE VALVE HANDWHEEL ACTUATED

Model VCOS&Y-232

Flanged Gate Valve

2”, 2 ½”, 3”, 4”, 5”, 6”, 8”, 10” & 12”

LISTED
EX15963



TECHNICAL DATA

Model	VCOS&Y-232 Flanged OS&Y gate valve 232 psi Handwheel operated
Sizes	2 ” DN50; 2 ½ ” DN65; 3” DN80; 4” DN100; 5” DN125, 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

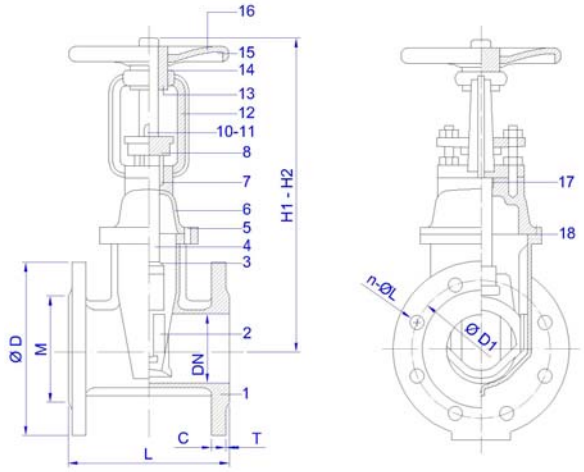
(1) 12” DN300 gate valve only flange type DIN EN 1092-2:1997

(2) 5” size only UL certification

DIMENSIONS

SIZES		FLANGE	DIMENSIONS (mm)									
Inch	mm		L	H1 (closed)	H2 (opened)	D	D1	d	C	T	M	n-ΦL
2	50	DIN	150	323	373	165	125	99	19	3	180	4-Φ19
		ASME					120,7	92				
2 ½	65	DIN	170	343	408	185	145	118	19	3	180	4-Φ19
		ASME					139.7	104,7				
3	80	DIN	180	370	450	200	160	132	19	3	200	8-Φ19
		ASME					152,4	127				4-Φ19
4	100	DIN	190	442	542	220	180	156	19	3	254	8-Φ19
		ASME					190,5					
5	125	DIN	200	540	665	250	210	184	19	3	285	8-Φ23
		ASME					216					
6	150	DIN	210	608	758	285	240	211	19	3	305	8-Φ23
		ASME										
8	200	DIN	230	720	920	340	295	266	20	3	350	12-Φ23
		ASME					298,5					8-Φ23
10	250	DIN	250	940	1190	405	355	319	22	3	450	12-Φ28
		ASME					362					12-Φ25
12	300	DIN	270	1065	1365	460	410	370	24,5	4	450	12- Φ28

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MATERIAL LIST

ITEM	NAME	MATERIAL
1	Valve body	EN-GJS-450-10
2	Resilient Wedge Disc	EN-GJS-450-10 + EPDM
3	O-ring	NBR
4	Stem	SS420
5	Nut	Carbon Steel Zinc Plated
6	Bonnet	EN-GJS-450-10
7	Stem Bushing	Brass HPb59-1
8	Gland	EN-GJS-450-10
9	Flat Washer	Carbon Steel Zinc Plated
10	Stud	Carbon Steel Zinc Plated
11	Nut	Carbon Steel Zinc Plated
12	Yoke	EN-GJS-450-10
13	Stem Nut	Brass HPb59-1
14	Washer	Brass HPb59-1
15	Locknut	Carbon Steel Zinc Plated
16	Handwheel	EN-GJS-450-10
17	Stem Packing	NBR
18	Bonnet Gasket	EPDM

ORDERING INFORMATION

SIZE	CONNECTION	
	DIN EN 1092-2:1997	ANSI B16.1 CL. 125Lb
2” DN50	VCA050BR232V0	VCA050BR232V1
2 ½” DN65	VCA065BR232V0	VCA065BR232V1
3” DN80	VCA080BR232V0	VCA080BR232V1
4” DN100	VCA100BR232V0	VCA100BR232V1
5” DN125	VCA125BR232V0	VCA125BR232V1
6” DN150	VCA150BR232V0	VCA150BR232V0
8” DN200	VCA200BR232V0	VCA200BR232V1
10” DN250	VCA250BR232V0	VCA250BR232V1
12” DN300	VCA300BR232V0	

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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