

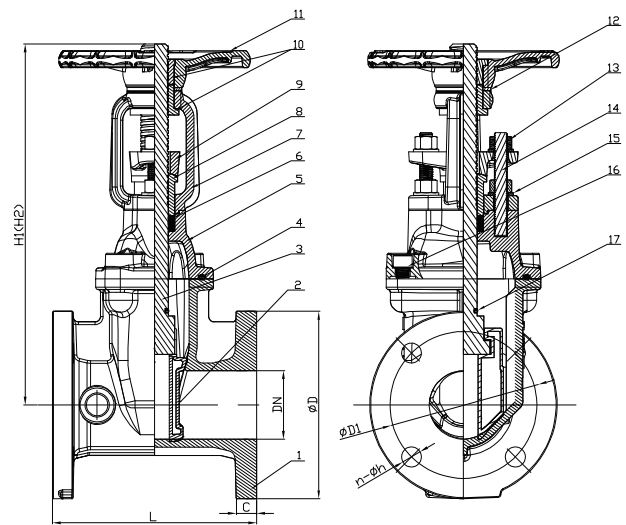
OS & Y RESILIENT WEDGE GATE VALVE

MODEL: SD-OSY300FF-D

- Working pressure: 300 psi
- Connection ends: Flange to ANSI B16.1 Class 125
- Temperature range: 0°C to 80°C
- Coating: Fusion bonded epoxy coating internally and externally in accordance with ANSI/AWWA C550

PART NO.	PART NAME	ASTM SPEC.
1	Valve Body	ASTM A536, 65-45-12
2	Resilient Wedge Disc	ASTM A536, 65-45-12+EPDM
3	Stem	AISI420
4	Bonnet Gasket	EPDM
5	Bonnet	ASTM A536, 65-45-12
6	Washer	Brass Hpb59-1
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	Hand Wheel	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

* Optional for Stem AISI316

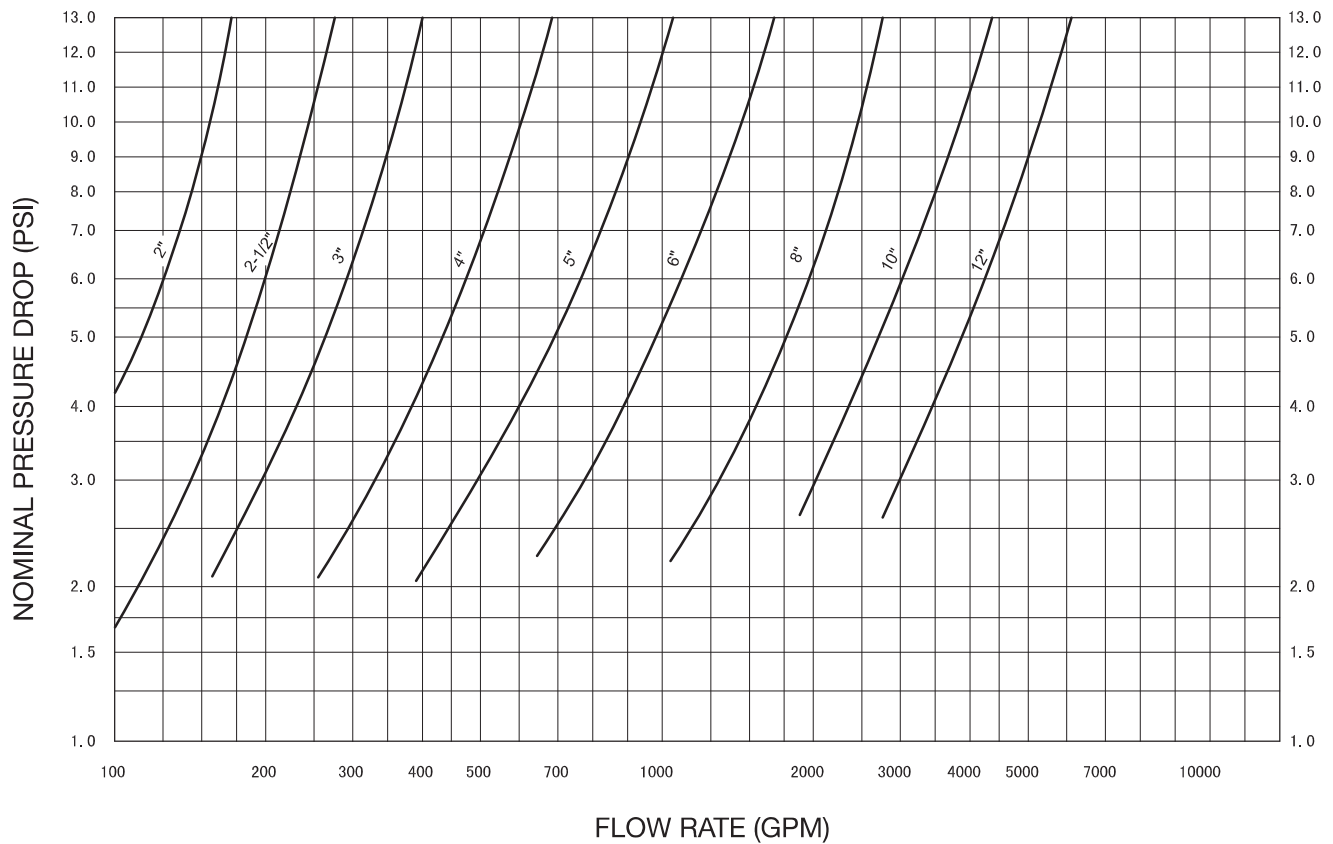


Size	L	H1	H2	D	D1	C	n x ø h	Net. Wt. Kg.
2"	178	318	370	152	120.7	16	4 x 19.1	14.38
2.5"	190	343	410	178	139.7	17.5	4 x 19.1	17.42
3"	203	386	468	191	152.4	19.1	4 x 19.1	22.83
4"	229	436	538	229	190.5	19.1	8 x 19.1	31.56
5"	254	516	640	254	215.9	19.1	8 x 22.2	41.86
6"	267	576	730	279	241.3	19.1	8 x 22.2	52.23
8"	292	749	950	343	298.5	22.2	8 x 22.2	91.04
10"	330	904	1158	406	362	23.8	12 x 25.4	133.44
12"	356	1030	1335	483	431.8	25.4	12 x 25.4	197.50

* 5" - Only UL Listing

Unit : mm

FRICTION LOSS (WATER AT 65° F)



SIZE OF VALVE	SIZE OF PIPE	FRICTIONAL LOSS (KPa/m)	EQUIVALENT PIPE LENGTH (mtr.)
2"	2" SCH40	5.3	1.0
2½"	2½" SCH40	4.4	1.0
3"	3" SCH40	3.3	1.0
4"	4" SCH40	2.4	1.0
6"	6" SCH40	1.5	1.5
8"	8" SCH30	1.0	1.5
10"	10" SCH40	0.8	2.0
12"	12" SCH40	0.7	2.5