

MATERIAL LIST		
PART	SPECIFICATION	
1 VALVE BODY	DUCTILE IRON ASTM A 536	
2 WEDGE	DUCTILE IRON ASTM A 536+EPDM	
3 WEDGE NUT	CUSN5ZN5PB5 BRONZE ASTM B 584	
4 DOWEL PIN	STAINLESS STEEL ASTM A 276	
5 O-RING	EPDM RUBBER ASTM D 2000	
6 STEM	AL BRONZE C61400 OR STAINLESS STEEL SS 304	
7 BONNET GASKET	RUBBER ASTM D2000	
8 SOCKET HEAD CAP SCREW	CS ASTM A307	
9 BONNET	DUCTILE IRON ASTM A 536	
10 STUFFING	BRONZE ASTM A 536	
11 THREADED	CS ASTM A307	
12 STUFFING BUSHING	BRONZE ASTM B 584	
13 STUFFING GLAND	DUCTILE IRON ASTM A 536	
14 NUT	BRASS ASTM B 16-H02	
15 SOCKET HEAD CAP SCREW	CS DIN 9021B	
16 YOKE	DUCTILE IRON ASTM A 536	
17 FLAT HEAD SCREW	CS ASTM A307	
18 YOKE BUSH RETAINER	GRAY IRAN ASTM A126-B	
19 HANDWHEEL	DUCTILE IRON ASTM A 536	
20 STEM NUT	CUSN5ZN5PB5 BRONZE ASTM B 584	
21 HANDWHEEL NUT	CS ASTM A194-2H	
22 PIPE PLUG	MALLEABLE IRON ASME B16.14	

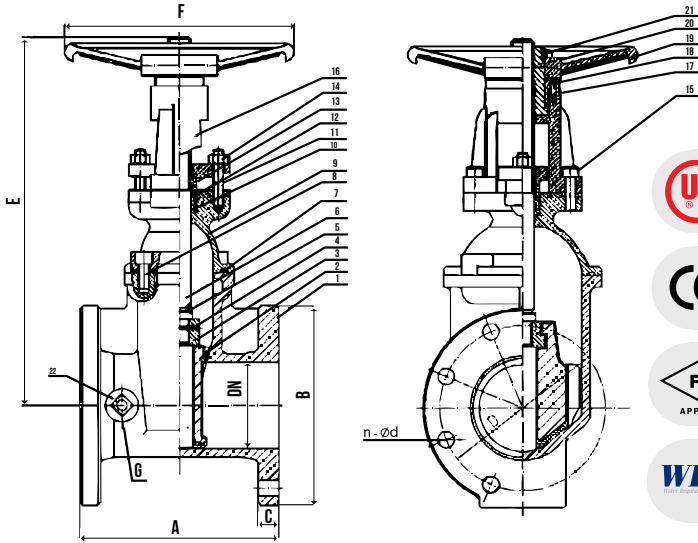
- FIRE PROTECTION VALVE - OUTSIDE SCREW AND YOKE - RESILIENT WEDGE - EPOXY COATED INTERIOR / EXTERIOR - PRE-GROOVED STEM FOR SUPERVISORY SWITCH - DRILLED, TAPPED AND PLUGGED AT BOSS LOCATION A**
- 300PSI BAR NON-SHOCK COLD WORKING PRESSURE (160°F / 71°C MAX. OPERATING TEMPERATURE)
- CONFORMS TO AWWA C509
- FLANGE ENDS CONFORM TO ASME B16.1 CLASS 125
- TABLE E FLANGE

ELECTROSTATICALLY APPLIED FUSION-BONDED EPOXY COATED INSIDE AND OUTSIDE PER AWWAC-550.

DRILLED, TAPPED AND PLUGGED AT POSITION A WITH 1/2" VALVE SIZES 2 1/2"-4", 3/4" ON 6"-8", 1" ON 10"-12".



FLANGED OSY-F01



FREEZING WEATHER PRECAUTION: SUBSEQUENT TO TESTING A PIPING SYSTEM, GATE VALVE SHOULD BE IN AN OPEN POSITION TO ALLOW COMPLETE DRAINAGE.

DIMENSION - WEIGHTS - QUANTITIES																					
										E											
SIZE		A		B		C		D		OPEN		CLOSE		N	ΦD		F		TURNS TO OPEN	WEIGHT	
IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	IN	MM		LBS	KG
3"	80	7.99	203	7.52	191	0.75	19	6	152.5	20.3	515	17.1	434	4	3/4	19	7.87	200	10	51	21.3
4"	100	9	229	9.02	229	0.94	24	7.5	190.5	22.1	562	18.2	462	8	3/4	19	10.24	260	10	76	34.6
6"	150	10.5	267	11	279	1	25.4	9.5	241.5	29.4	747	23.5	597	8	7/8	23	12.4	315	15	134	61
8"	200	11.5	292	13.5	343	1.13	28.6	11.75	298.5	36.8	934	28.6	727	8	7/8	23	14.76	375	16.7	226	102.5
10"	250	12.99	330	15.98	406	1.19	30.2	14.25	362	45.2	1147	35.1	891	12	1	26	16.38	416	20.8	329	149.5
12"	300	14	356	19	483	1.26	32	17	432	52.2	1326	40.2	1020	12	1	26	17.5	445	25	487	221.2