

## S907(OS & Y) GATE VALVE

### TECHNICAL SPECS:

Flanged, UL/FM

Rated pressure 250 PSI,

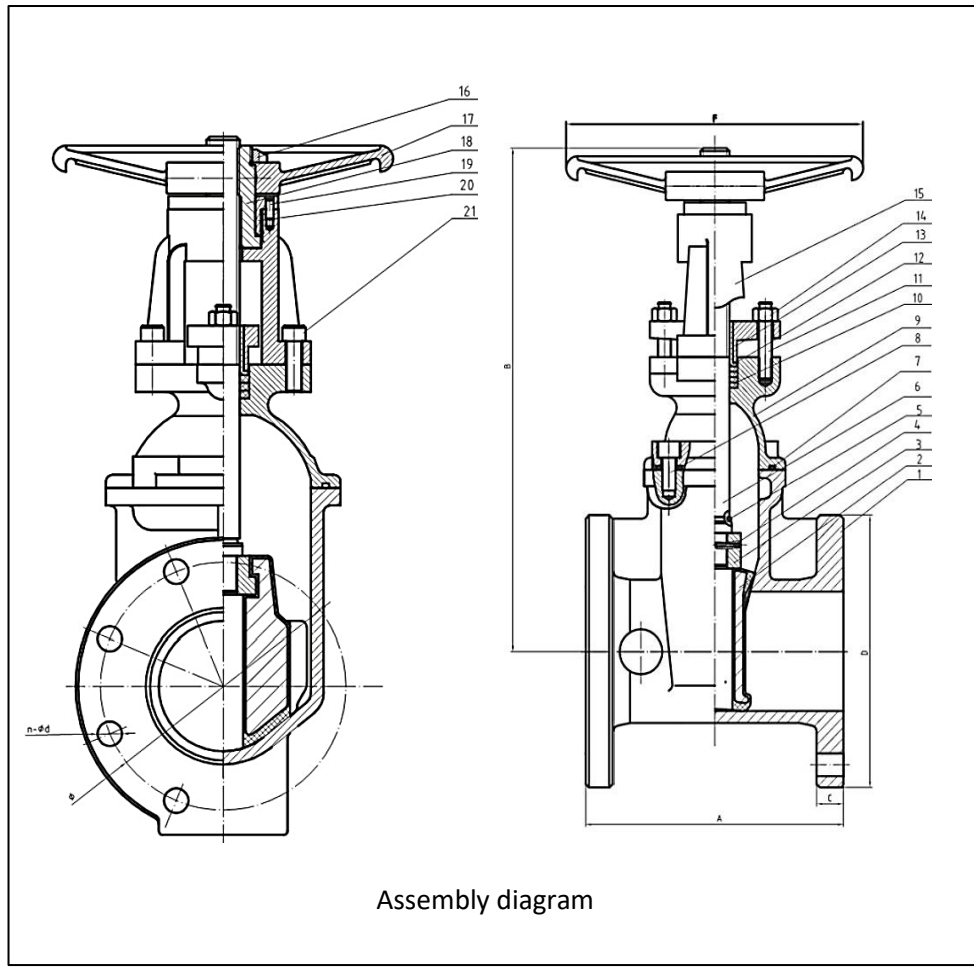
Flange conforms to ANSI B16.1 Class 125,

Freezing weather precaution: Subsequent to testing a piping system, valve should be in open position to allow complete drainage.

### Standard material of construction

Component	Material	Standard
Body	Ductile iron	ASTM A536 65-45-12
Wedge	Ductile iron + rubber	ASTM A536 65-45-12 + ASTM D2000 EPDM
Stem trim	Bronze	ASTM B584 C83600
Retainer	Stainless steel	ASTM A276 SS304
O ring	Rubber	ASTM D2000 EPDM
Stem	AL bronze or SS	ASTM B584 C83600
Seal gasket	Rubber	ASTM D2000 EPDM
Inside hexagonal bolt	Carbon steel	ASTM A574
Bonnet	Ductile iron	ASTM A536 65-45-12
Stuffing	Rubber	ASTM D2000 EPDM
Threaded rod	Carbon steel	ASTM A307
Stuffing bushing	Bronze	ASTM B584 C83600
Stuffing gland	Ductile iron	ASTM A536 65-45-12
Nut	Carbon steel	ASTM A574
Yoke	Ductile iron	ASTM A536 65-45-12
Handwheel nut	Carbon steel	ASTM A194 2H
Handwheel	Ductile iron	ASTM A536 65-45-12
Stem nut	Bronze	ASTM B584 C83600
Nut bolt	Carbon steel	ASTM F912M
Gland	Ductile iron	ASTM A536 65-45-12
Inside hexagonal bolt	Carbon steel	ASTM A 574

## ASSEMBLY DIAGRAM:



## DIMENSIONS:

Size		A		B		C		D		H		Bolt circle		Flange holes	Turns to open	Weight	
In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			Lbs	Kg
2	50	7	178	10	255	0.6	16	6	152	7.9	200	4.75	121	4	6.5	44	20
2 1/2	65	7.5	190	11.3	287	0.7	17.5	7	178	7.9	200	5.5	140	4	8.8	46	21
3	80	8	203	12.6	321	0.8	19	7.5	191	10.2	260	6	152	4	10.6	50	23
4	100	9	229	13.5	344	0.9	24	9	229	10.2	260	7.5	191	8	13	75	34
6	150	10.5	267	17.4	441	1	25.4	11	279	14.8	375	9.5	241	8	15.6	134	61
8	200	11.5	292	20.8	529	1.1	28.6	13.5	343	14.8	375	11.75	298	8	17.3	225	102
10	250	13	330	24.2	614	1.2	30.2	16	406	15.7	400	14.25	362	12	21.4	328	149
12	300	14	356	27.6	700	1.3	31.8	19	483	19.7	500	17	432	12	25.3	487	221
14	350	15	381	34.3	870	1.4	35	21	533	19.7	500	18.74	476	12	30	676	307