

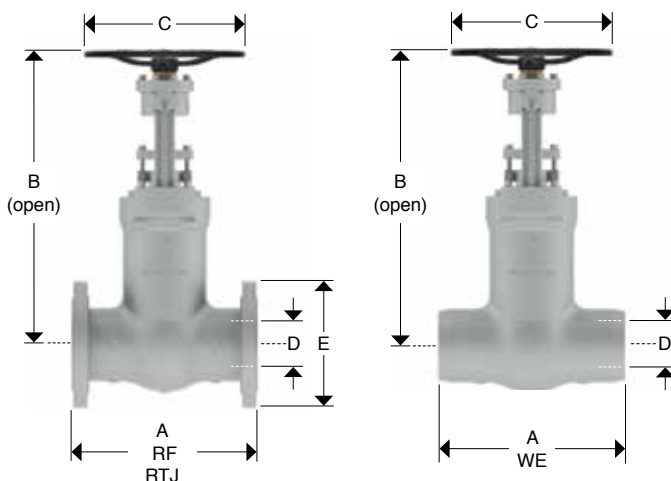
WALWORTH PRESSURE SEAL GATE VALVES CLASS 900 **(HANDWHEEL OPERATED)**



Design Features

- Design in accordance with ASME B16.34
- WE short pattern; RF & RTJ long pattern as per ASME B16.10
- Outside Screw & Yoke (OS&Y)
- Flexible wedge
- Option with Parallel Slide disc available upon request
- From 2" to 14" handwheel operated
- End to end dimensions as per ASME B16.10
- Flange dimensions as per ASME B16.5
- Weld end dimensions as per ASME B16.25

Catalog figure No.	ID plant figure No.	Type of ends
5247PSWE	5247PSWE	Buttweld
5247PSRF	5247PSF	Flanged raised face
5247PSRTJ	5247PSRJ	Flanged ring type joint



Dimensions and Weights

Nominal diameter		in	2	2.5	3	4	6	8	10	12	14
		mm	51	63	76	102	152	203	254	305	356
A	End to end WE	in	8.5	10	12	14	20	26	31	36	39
		mm	216	254	305	356	508	660	787	914	991
A	Face to face RF	in	14.5	16.5	15	18	24	29	33	38	40.5
		mm	368	419	381	457	610	737	838	965	1029
A	Face to face RTJ	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88
		mm	371	422	384	460	613	740	841	968	1038
B	Center to top (open)	in	23	24	24	29	38	52	56	63	70
		mm	584	610	610	737	965	1321	1422	1600	1778
C	Handwheel	in	10	10	14	18	18	20	24	30	30
		mm	254	254	356	457	457	508	610	762	762
WE	Weight	lbs	75	97	106	176	521	880	1269	1890	2629
		Kg	34	44	48	80	237	400	577	859	1195
RF or RTJ	Weight	lbs	119	158	178	282	741	1223	1758	2541	3428
		Kg	54	72	81	128	337	556	799	1155	1558
Cv	Flow coefficient		233	338	457	844	1899	3283	5204	7400	9015

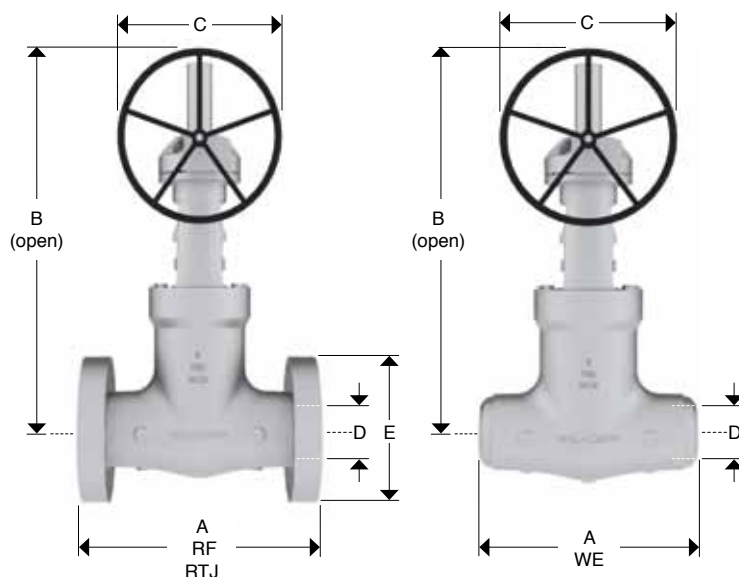
WALWORTH PRESSURE SEAL GATE VALVES CLASS 900 **(GEAR OPERATED)**



Design Features

- Design in accordance with ASME B16.34
- WE short pattern; RF & RTJ long pattern as per ASME B16.10
- Outside Screw & Yoke (OS&Y)
- Flexible wedge
- Option with Parallel Slide disc available upon request
- From 16" and up Gear operated
- End to end dimensions as per ASME B16.10
- Flange dimensions as per ASME B16.5
- Weld end dimensions as per ASME B16.25

Catalog figure No.	ID plant figure No.	Type of ends
5247PSWE	5247PSWE	Buttweld
5247PSRF	5247PSF	Flanged raised face
5247PSRTJ	5247PSRJ	Flanged ring type joint



Dimensions and Weights

Nominal diameter		in	16	18	20	24
		mm	406	457	508	607
A	End to end WE	in	43	48	52	61
		mm	1092	1219	1321	1549
A	Face to face RF	in	44.5	48	52	61
		mm	1130	1219	1321	1549
A	Face to face RTJ	in	44.88	48.5	52.5	61.75
		mm	1140	1232	1334	1568
B	Center to top (open)	in	78	85	94	105
		mm	1981	2159	2388	2667
C	Handwheel	in	30	30	30	38
		mm	762	762	762	965
WE	Weight	lbs	3247	3982	5874	7916
		Kg	1476	1810	2670	3598
RF or RTJ	Weight	lbs	4165	5273	7456	10872
		Kg	1893	2397	3389	4942
Cv	Flow coefficient		11864	15116	18774	27311