



Materials

Sl. No.	Part Description	Specification
1	Body	ASTM A105, in-situ stellited seat
2	Cover	ASTM A105
3	Piston Disc	ASTM A276 Type 410
4	Spring	SS 302
5	Gasket	Spiral-wound SS type 304 with graphite filler
6	Cap Screws	ASTM A193 Gr. B7
7	Identification Plate	Aluminium (anodised)

Valve size inch (mm)	A		B		C	D (min)	E	G		App. Wt. (kg)	
	RB	FB	RB	FB				RB	FB	RB	FB
1/4 (8)	3.20	-	2.1	-	1/4	0.555	0.38	0.25	-	1.1	-
3/8 (10)	3.20	3.20	2.1	2.1	3/8	0.690	0.38	0.25	0.38	1.1	1.1
1/2 (15)	3.20	4.00	2.1	2.3	1/2	0.855	0.38	0.38	0.50	1.1	1.5
3/4 (20)	4.00	4.85	2.3	2.6	3/4	1.065	0.50	0.50	0.69	1.5	2.4
1 (25)	4.85	6.40	2.6	3.5	1	1.330	0.50	0.69	0.94	2.4	4.4
1 1/4 (32)	6.40	6.40	3.5	3.5	1 1/4	1.675	0.50	0.94	1.17	4.4	4.4
1 1/2 (40)	6.40	8.80	3.5	4.1	1 1/2	1.915	0.50	1.17	1.44	4.3	6.8
2 (50)	8.80	-	4.1	-	2	2.406	0.62	1.44	-	6.8	-

**Socket Weld
NPT Thread
800#**

Valve size inch (mm)	A		B		C	ϕD		E	App. Wt. (kg)	
	RB	FB	RB	FB		RB	FB		RB	FB
1/2 (15)	6.5	6.5	2.1	2.3	3.75	0.50	0.62	0.56	3.0	4.6
3/4 (20)	7.5	7.5	2.3	2.6	4.62	0.75	0.82	0.62	4.6	6.2
1 (25)	8.5	8.5	2.6	3.5	4.88	1.00	1.05	0.69	6.2	9.1
1 1/4 (32)	9.0	9.0	3.5	3.5	5.25	1.25	1.38	0.81	9.1	11.2
1 1/2 (40)	9.5	11.5*	3.5	4.1	6.12	1.50	1.61	0.88	11.2	15.2
2 (50)	11.5	-	4.1	-	6.50	2.00	-	1.00	15.2	-

**Flanged
600#**

Valve size inch (mm)	A		B		C		ϕD	E
	RB	FB	RB	FB	Class 150	Class 300		
1/2 (15)	6.0	6.0	2.10	2.30	3.50	3.75	0.62	0.56
3/4 (20)	7.0	7.0	2.30	2.60	3.88	4.62	0.82	0.62
1 (25)	8.0	8.0	2.60	3.50	4.25	4.88	1.05	0.69
1 1/4 (32)	8.5	8.5	3.50	3.50	4.62	5.25	1.38	0.75
1 1/2 (40)	9.0	11.5*	3.50	4.10	5.00	6.12	1.61	0.81
2 (50)	10.5	-	4.10	-	6.00	6.50	2.07	0.88

**Flanged
150/300#**