



Materials

Sl. No.	Part Description	Specification
1	Body	ASTM A105, in-situ stellited seat
2	Bonnet	ASTM A105
3	Stem	ASTM A479 Type 410
4	Plug Disc	ASTM A217 Gr. CA15
5	Stem packing	Graphite moulded rings with braided top / bottom rings
6	Gasket	Spiral-wound SS type 304 with graphite filler
7	Cap Screws	ASTM A193 Gr. B7
8	Gland Bush	ASTM A276 Type 410
9	Gland Flange	ASTM A105
10	Gland Stud / Nut	ASTM A276 Type 410 / ASTM A194 Gr. 2H
11	Yoke Bush	ASTM A582 Type 416
12	Identification Plate	Aluminium (anodised)
13	Handwheel	SG Iron / Steel
14	Handwheel Nut	Steel

Valve size inch (mm)	A		B		C		D (min)	E	F		G		App. Wt. (kg)	
	RB	FB	RB	FB	RB	FB			RB	FB	RB	FB	RB	FB
1/4 (8)	3.20	5.8	-	-	1/4	-	0.555	0.38	3.25	-	0.25	-	1.7	-
3/8 (10)	3.20	5.8	5.8	5.8	3/8	3/8	0.690	0.38	3.25	3.25	0.25	0.38	1.7	1.7
1/2 (15)	3.20	5.8	6.4	6.4	1/2	1/2	0.855	0.38	3.25	4.00	0.38	0.50	1.7	2.4
3/4 (20)	4.00	6.4	7.7	7.7	3/4	3/4	1.065	0.50	4.00	4.00	0.50	0.69	2.4	3.6
1 (25)	4.85	7.7	9.6	9.6	1	1	1.330	0.50	4.00	5.50	0.69	0.94	3.6	6.8
1 1/4 (32)	6.40	9.6	9.6	9.6	1 1/4	1 1/4	1.675	0.50	5.50	5.50	0.94	1.17	6.8	6.7
1 1/2 (40)	6.40	9.6	11.6	11.6	1 1/2	1 1/2	1.915	0.50	5.50	7.25	1.17	1.44	6.7	10.8
2 (50)	8.80	11.6	-	-	2	2	2.406	0.62	7.25	-	1.44	-	10.8	-

Socket Weld
NPT Thread
800#

Valve size inch (mm)	A		B		C	ø D		E	ø F		App. Wt. (kg)	
	RB	FB	RB	FB		RB	FB		RB	FB	RB	FB
1/2 (15)	6.5	6.5	5.8	6.4	3.75	0.50	0.62	0.56	3.25	4.00	3.6	5.4
3/4 (20)	7.5	7.5	6.4	7.7	4.62	0.75	0.82	0.62	4.00	4.00	5.4	7.4
1 (25)	8.5	8.5	7.7	9.6	4.88	1.00	1.05	0.69	4.00	5.50	7.4	11.4
1 1/4 (32)	9.0	9.0	9.6	9.6	5.25	1.25	1.38	0.81	5.50	5.50	11.4	13.5
1 1/2 (40)	9.5	11.5*	9.6	11.6	6.12	1.50	1.61	0.88	5.50	7.25	13.5	19.1
2 (50)	11.5	-	11.6	-	6.50	2.00	-	1.00	7.25	-	19.1	-

Flanged
600#

Valve size inch (mm)	A		B		C		ø D	E	ø F	
	RB	FB	RB	FB	Class 150	Class 300			RB	FB
1/2 (15)	6.0	6.0	5.80	6.35	3.50	3.75	0.62	0.56	3.25	4.00
3/4 (20)	7.0	7.0	6.35	7.70	3.88	4.62	0.82	0.62	4.00	4.00
1 (25)	8.0	8.0	7.70	9.55	4.25	4.88	1.05	0.69	4.00	5.50
1 1/4 (32)	8.5	8.5	9.55	9.55	4.62	5.25	1.38	0.75	5.50	5.50
1 1/2 (40)	9.0	11.5*	9.55	11.60	5.00	6.12	1.61	0.81	5.50	7.25
2 (50)	10.5	-	11.60	-	6.00	6.50	2.07	0.88	7.25	-

Flanged
150/300#