



SIZE	A	A1	C	D	L					
					150lbs	300lbs	PN16	PN40	J10K	J20K
2 1/2"	144	200	500	62	300	300	300	300	300	300
3"	162	218	600	76	305	330.4	305	330.4	305	330.4
4"	182	238	750	96	368.4	393.8	368.4	393.8	368.4	393.8

SIZE	150lbs						
	d	c	g	f	t	m	n
2 1/2"	178	139.5	105	1.6	17.8	19	4
3"	190	152.5	127	1.6	19.2	19	4
4"	229	190.5	157	1.6	24	19	8

SIZE	300lbs						
	d	c	g	f	t	m	n
2 1/2"	190	149	105	1.6	25.5	22	8
3"	210	168	127	1.6	29.0	22	8
4"	254	200	157	1.6	32	22	8

SIZE	PN16						
	d	c	g	f	t	m	n
2 1/2"	185	145	122	3.0	18	18	4
3"	200	160	138	3.0	20	18	8
4"	220	180	158	3.0	20	18	8

SIZE	PN40						
	d	c	g	f	t	m	n
2 1/2"	185	145	122	3.0	22	18	8
3"	200	160	138	3.0	24	18	8
4"	235	190	162	3.0	24	22	8

SIZE	J10K						
	d	c	g	f	t	m	n
2 1/2"	175	140	116	2.0	18	19	4
3"	185	150	126	2.0	18	19	8
4"	210	175	151	2.0	18	19	8

SIZE	J20K						
	d	c	g	f	t	m	n
2 1/2"	175	140	116	2.0	20	19	8
3"	200	160	132	2.0	22	23	8
4"	225	185	160	2.0	24	23	8

- * Available in stainless steel or carbon steel
- * Body & flange end are investment cast
- * Self adjusting stem packing
- * Available in 3 way & 4 way
- * Available in T-port or L-port or X-port
- * 4 piece ball seats
- * Blow-out proof setm design
- * 100% air tested under water at 100 psi
- * Temperature range -20 to 400°f
- * ISO 5211 direct mounting pad / connetion DIN 3337
- * Flange end cap : ANSI 150#,300# / DIN PN16,PN40
JIS 10K,20K.

ITEM	NAME OF PARTS	MATERIALS OPTION	
1	FLANGE END	ASTM A351 Gr. CF8M	ASTM A216 WCB
2	BODY	ASTM A351 Gr. CF8M	ASTM A216 WCB
3	BALL & STEM	ASTM A351 Gr. CF8M	ASTM A351 Gr. CF8M
4	HOUSING	PTFE+STAINLESS	PTFE+STAINLESS
5	SEATS	PTFE/RPTFE	PTFE/RPTFE
6	GASKET	PTFE	PTFE
7	O-RING	VITON	VITON
8	STEM PACKING	PTFE	PTFE
9	GLAND WASHER	SS 304	SS 304
10	BELLEVILLE WASHER	SS 301	SS 301
11	GLAND	SS 304	SS 304
12	HANDLE HEAD	ASTM A351 Gr. CF8	ASTM A351 Gr. CF8
13	STOP PIN	SS 304	SS 304
14	BOLT	SS 304	SS 304
15	LEVER	CARBON STEEL	CARBON STEEL
16	BLANK END	ASTM A351 Gr. CF8M	ASTM A216 WCB
17	BONNET BOLTS	SS 304	SS 304
18	END CAP BOLTS	SS 304	SS 304
19	BOLT NUTS	SS 304	SS 304
20	STOP PIN NUT	SS 304	SS 304
21	BONNET	ASTM A351 Gr. CF8M	ASTM A216 WCB
22	BONNET GASKET	PTFE	PTFE