



SIZE	d	D	C	G	f	T	N	M	L	H	K	Ma	W	ISO-5211
15	15	95	65	45	2	16	4	14	115	76	42	M5	150	F04
20	20	105	75	58	2	18	4	14	120	78	42	M5	150	F04
25	25	115	85	68	2	18	4	14	125	90	42	M5	180	F05
32	32	140	100	78	2	18	4	18	130	94	50	M6	180	F05
40	40	150	110	88	3	18	4	18	140	124	70	M8	244	F07
50	50	165	125	102	3	22	4	18	150	132	70	M8	244	F07
65	65	185	145	122	3	22	8	18	170	170	70	M8	285	F10
80	80	200	160	138	3	24	8	18	180	180	102	M10	285	F10
100	98	235	190	162	3	24	8	22	190	194	102	M10	285	F10
125	125	270	220	188	3	26	8	26	325	225	125	M12	750	F12
150	150	300	250	218	3	28	8	26	350	275	125	M12	750	F12
200	200	375	320	285	3	34	12	30	400	340	125	M12	1000	F12

- FEATURES**
- FACE TO FACE DIMENSIONS: DIN3202 F4/F5
 - END FLANGE DIMENSIONS: PN40 DIN2633
 - DESIGN: ANSI 16.34
 - TEST: API 598
 - TYPE1: 1.0619/1.4308/1.4408 FOR SIZES 4" UNDER
 - TYPE2: FC20 FOR FULL SIZE & 1.0619/1.308/1.4408 5" UP SIZE
 - LEVER OPERATED OR GEAR OPERATED
 - WITH ISO 5211 MOUNTING PAD
 - MATERIAL: CAST IRON/FC20
 - CARBON STEEL / 1.0619
 - STAINLESS STEEL 304/1.4308
 - STAINLESS STEEL 316/1.4408

NO.	PART NAME	MATERIALS
1	BODY	FC20 1.4408 1.4308 1.0619
2	CAP	FC20 1.4408 1.4308 1.0619
3	BALL	1.4308 1.4408 1.4308 1.4308
4	SEAT	PTFE
5	STEM	SS304 SS316 SS304 SS304
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	PACKING	PTFE
9	STEM PACKING	PTFE
10	GLAND	SS304
11	HANDLE	SS304
12	LOCKING DEVICE	SS304
13	STEM NUT	SS304
14	PLASTIC COVER	PLASTIC
15	BOLT	ASTM 194-B8
16	STOP PIN	SS304
17	NUT	SS304
18	GLAND	SS313
19	GLAND BOLT	ASTM 194-B8
20	STOPPER	SS304
21	SNAP RING	SS304

TEST PRESSURE:

SHELL (BY WATER)	1125PSI
80kg/cm ²	
815PSI	
58kg/cm ²	
80PSI	
6kg/cm ²	

SEAT

BY WATER	BY AIR
815PSI	80PSI
58kg/cm ²	6kg/cm ²

Valve-tek MFG. CO., LTD.

REV.	4	DATE	2006/08/15	TYPE	V-2F
CHECKED	Morris	SCALE	Scaled to Fit	DWG_NO.	VT_PN 40_133
DESIGNER	Kevin	DESCRIBE	2-PC FLANGED END FULL PORT BALL VALVE		
DRAWN	Kevin				