



SIZE	ITEM	d	L	L1	H	E
1/4"		12	60		59	95
3/8"		12	60		59	95
1/2"		15	63	80	60	95
3/4"		20	72	90	65	110
1"		25	81	100	70	125
1 1/4"		32	97	110	85	155
1 1/2"		38	105	128	90	180
2"		49	126	150	100	180
2 1/2"		63	165	165	115	215
3"		76	190	190	135	260
4"		98	240	240	155	310

REMARKS: FULL PORT THREE-PIECE BALL VALVE SCREWED
END 1000W.O.G./PN63
SUITABLE MATERIAL: TC100 S45C A216 Gr-WCB DIN1.0619
TC111 SS304 A351 Gr-CF8 DIN1.4308
TC112 SS316SA351 Gr-CF8M DIN1.4408

FEATURES

PIPE THREAD IN ACCORDANCE: NPT, BSPT, DIN259,
DIN2999, ISO 228 CLASS A
BLOW-OUT PROOF STEM/REDUCE PORT
INVESTMENT CASTING BODY
1000 PSI(69BAR)W.O.G.
LOCKING DEVICE
MATERIAL: S45C/ASTM A216Gr-WCB/DIN1.0619
SS304/ASTM A351Gr-CF8/DIN1.4308
SS316/ASTM A351Gr-CF8M/DIN1.4408

NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
1	Nut	A2-70	8	Bolt	A2-70
2	Spring Washer	SS304	9	Spring Washer	A2-70
3	Handle	SS	10	Nut	SS304
4	Gland Nut	SS304	11	Cap	A351-CF8M
5	Packing	PTFE	12	Seat	PTFE
6	Thrust Washer	PTFE	13	Body	A351-CF8M
7	Stem	A276-SS316	14	Ball	A276-SS316

Performance Standard		
Nominal pressure	1000	PSi
Test pressure	Strength test	10.5
	Seal test	7.7
	Air seal test	0.6
Temperature range	-20~190	°C
Suitable medium: water, oil and weak acid ect		

DATA SHEET REF: VB3B

3PC Ball Valve

Assembly drawing