



NO.	PART NAME	MATERIAL	
1	END CAP	ASTM A351 Gr. CF8M	ASTM A216 Gr. WCB
2	BODY	ASTM A351 Gr. CF8M	ASTM A216 Gr. WCB
3	BALL & STEM	SS316	SS304 / SS316
4	HOUSING	PTFE+STAINLESS	PTFE+STAINLESS
5	SEAT	PTFE	PTFE
6	GASKET	PTFE	PTFE
7	O-RING	VITON	VITON
8	STEM PACKING	PTFE	PTFE
9	GLAND WASHER	SS304	SS304
10	DISK WASHER	SS301	SS301
11	GLAND	SS304	SS304
12	HANDLE HEAD	ASTM A351 Gr. CF8	ASTM A351 Gr. CF8
13	STOP PIN	SS304	SS304
14	BOLT	SS304	SS304
15	LEVER	CARBON STEEL	CARBON STEEL
16	BONNET BOLT	SS304	SS304
17	BODY BOLT	SS304	SS304
18	NUT	SS304	SS304
19	STOP PIN NUT	SS304	SS304
20	BONNET	ASTM A351 Gr. CF8M	ASTM A216 Gr. WCB
21	BONNET GASKET	PTFE	PTFE

SIZE	A	C	E	E1	L		H	S	T	N
					S.W. & THREAD	B.W				
2-1/2"	62	500	144	200	294	265	22.2	73.9	65	78
3"	76	600	162	218	317	290	25.4	89.9	80	91.5
4"	96	750	182	238	369	345	32	115.2	100	117.5



APEX CONTROLS CO., LTD.

NO.15, JEN-YI ST., WU-JIH HSIANG TAICHUNG, TAIWAN, 414, R.O.C.

E-mail Address : sales@apexcontrols.com.tw

Website : www.apexcontrols.com.tw

TEL : +886-4-23388440 FAX : +886-4-23388441

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General tolerances	
Linear dimensions	Angular dimensions
0 up to 6 : ± 0.1	0 up to 10 : ± 1°
over 6 up to 30 : ± 0.2	over 10 up to 50 : ± 0°30'
over 30 up to 120 : ± 0.3	over 50 up to 120 : ± 0°20'
over 120 up to 400 : ± 0.5	over 120 up to 400 : ± 0°10'
over 400 up to 1000 : ± 0.8	over 400 : ± 0°5'
over 1000 up to 2000 : ± 1.2	Broken edges
over 2000 up to 4000 : ± 2.0	0 up to 3 : ± 0.2, 3 up to 6 : ± 0.5
	over 6 : ± 1.0

REVISION	00	Three-Way Full Port Direct Mount Ball Valve			
SCALE	Free	Threaded, Butt Weld, Socket Weld			
UNIT	mm	SIZE	2-1/2"~4"	MODEL	5-6
INSPECTED BY	David	MAT'L	ASTM A351 Gr. CF8M	TYPE	N
DRAWN BY	Joanne	DATE	Jul. 20, 2015	FILE	AN56-xxPxx-02