



SIZE (d)	D	C	G	T	N	M	L	H	H1	W
200	343	298.5	270	28.6	8	22	457	220	148	300
250	406	362	324	30.2	12	25	533	247	193	400
300	483	432	381	31.8	12	25	610	300	193	400

TEST PRESSURE:

SHELL(BY WATER)		450PSI
		32kg/cm ²
SEAT	BY WATER	315PSI
		22kg/cm ²
	BY AIR	85PSI
		6kg/cm ²

TECHNICAL REQUIREMENTS

1. FACE TO FACE DIMENSION: ANSI B16.10
2. END FLANGE DIMENSION: ANSI B16.5
3. TEST: API 598
4. BLOW-OUT PROOF STEM / FULL PORT
5. WITH ISO 5211 MOUNTING PAD
6. INVESTMENT CASTING BODY
7. LOCKING DEVICE

NO	PART NAME	MATERIAL
1	BODY	ASTM A351 CF8M
2	CAP	ASTM A351 CF8M
3	BALL	ASTM A351 CF8M
4	SEAT	PTFE
5	STEM	SUS 316
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	STUD BOLT	SUS 304
9	PACKING	PTFE
10	STEM PACKING	PTFE
11	YOKE BOLT	SUS 304
12	YOKE	FC20
13	DRIVE ADAPTOR	CARBON STEEL
14	BOLT	SUS 304
15	GLAND	ASTM A351 CF8
16	GLAND BOLT	SUS 304
17	WORM GEAR ACTUATOR	CARBON STEEL

REV A	Pipeline Dynamics	
DATE	FEB 2011	V2F-150G
SCALE	TO FIT	316SS BALL VALVE FB CLASS 150 GEAR OP