

3-PIECE BALL VALVE
 INVESTMENT CASTING BODY & CAP DIRECT MOUNTING PAD
 ASTM A 351 - CF8M (DIN 1.4408)
 ASTM A 351 - CF8 (DIN 1.4301)
 ASTM A 216 - WCB (DIN 1.0619)

33K TYPE

FIRE SAFE DESIGN

FEATURES:

- PIPE THREAD IN ACCORDANCE WITH:
 - * ANSI B2.1 (BASIC STD FOR STEEL PIPE THREADS)
 - * ANSI B1.20 (NPTF)
 - * BS21:1973
 - * DIN259/2999
 - * ISO228
- BLOW-OUT PROOF STEM
- 2000 PSI OR 3000PSI (W.O.G)- LUG BODY
- FIRE-SAFE DESIGN
- STANDARD PORT
- LUG BODY
- DIRECT MOUNTING PAD ISO 5211
- LOCKING DEVICE
- MATERIAL TRACEABILITY

NOMINAL SIZE	A	ØB	ØC	d	S	H	L	ISO 5211 Pcd Ø1	W	Cv Factor	Torque Kgf-cm
1/4"	20.8	18	12	8	14.1	49	66.2	F03 Ø36	116	4.5	40
3/8"	20.8	18	14	11.5	17.6	49	66.2	F03 Ø36	116	6.6	40
1/2"	20.8	22	17.1	12.7	21.7	49	66.2	F03 Ø36	116	7.9	40
3/4"	24.8	27	22.5	15	27.2	53	71.5	F03 Ø36	116	11.2	60
1"	32	33.5	28	20	33.9	63	96.8	F04 Ø42	150	21	78
1 - 1/4"	41.4	42	33.5	25.4	42.6	67	108.4	F04 Ø42	150	34	110
1 - 1/2"	48.5	48	43	32	48.7	77	116.5	F05 Ø50	181	57	155
2"	56.5	60	53	38	61.1	85	128.5	F05 Ø50	181	80	220

PARTS	QTY	MATERIAL	
		31K	31K-C
1 BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB
2 CAP	1	ASTM-A351-CF8M	ASTM-A216-WCB
3 BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8
4 BALL SEATS	2	15% - R-PTFE	
5 JOINT GASKET	1	PTFE	
6 STEM	1	ASTM-A351-CF8M	
7 THRUST WASHER	1	PTFE	
8 STEM PACKING	2	PTFE	
9 STEM BUSHING	1	ASTM-A351-CF8	
10 BELLEVILLE WASHER	2	ASTM-A351-CF8	
11 STEM NUT	1	ASTM-A351-CF8	
12 HANDLE	1	ASTM-A351-CF8	
13 HANDLE SLEEVE	1	PLASTIC (VINIL GRIP)	
14 HANDLE NUT	1	ASTM-A351-CF8	
15 BODY BOLT	8	ASTM-A351-CF8	

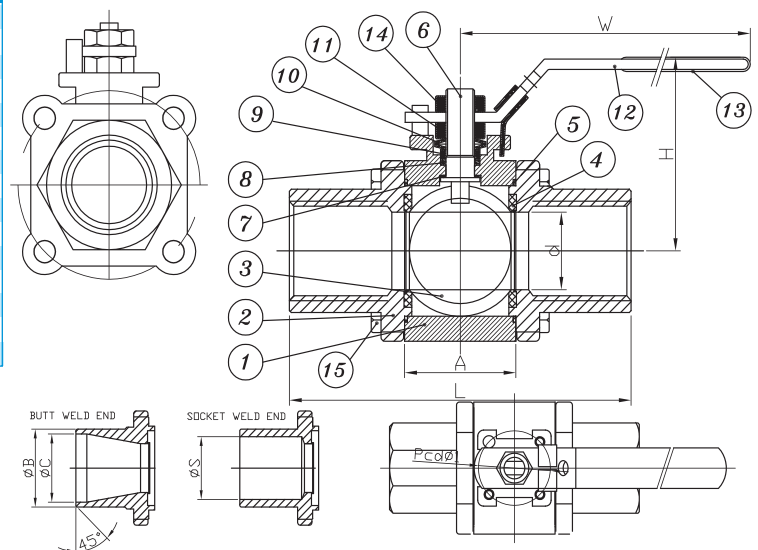
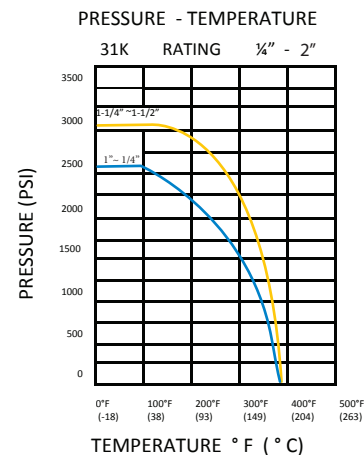


SIZE: 1/4" - 2"
 SCREWED / BUTT &
 SOCKETWELD END

CE APPROVED

HOW TO ORDER

BODY MATERIAL SIZE END CONNECTIONS
 33K F3T



MORRIS VALVES
 BEYOND THE WORLD, ONE PRODUCT AT A TIME