

Model: TC-205FF-P16

Rating: PN16



Design feature:

- Direct-mounting of actuator to valves, low cost and easy automation.
- Integral Twin pattern ISO 5211 mounting pad for double active & spring return actuator.
- Designed to be fire-safe to minimize both external and internal fluid leakage after plant fires.
- Self-adjusting stem packing assembly with Belleville spring for temperature fluctuations, vibration, and is secured.
- Bottom Entry Blow-Out Proof Stem design Provides Maximum Safety.
- Wide range of seat & seal materials is available.
- Investment cast body construction.
- DIN 50049-3.1 Certificate Available

Specifications:

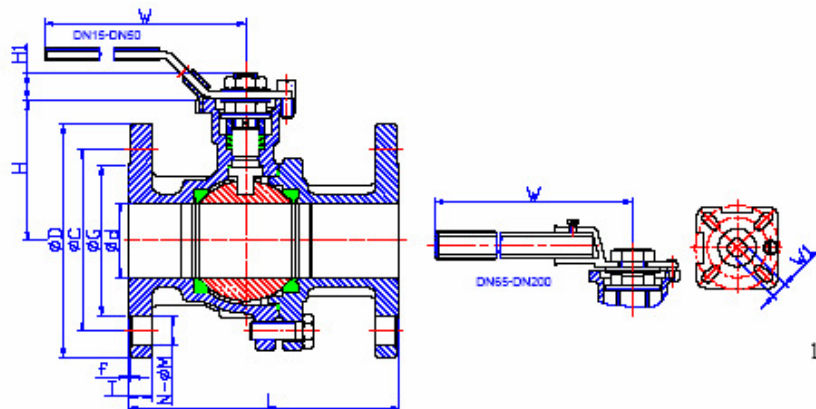
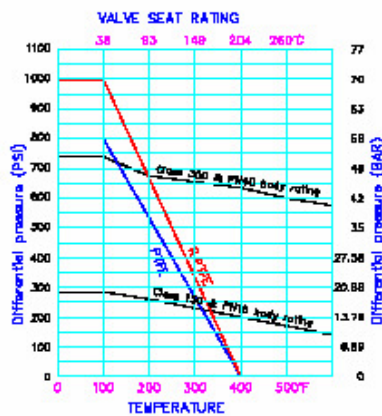
- Construction: bolted body side-entry floating ball design.
- Flow bore: full port.
- Rating: DN15-50 PN40, DN65-200 PN16
150 PSI Saturated Steam.
- Temperature: -20°F ~ 400°F (PTFE/ R.PTFE)
- Materials: 1.4408, 1.4308, 1.0619
- Size range: DN15-200.

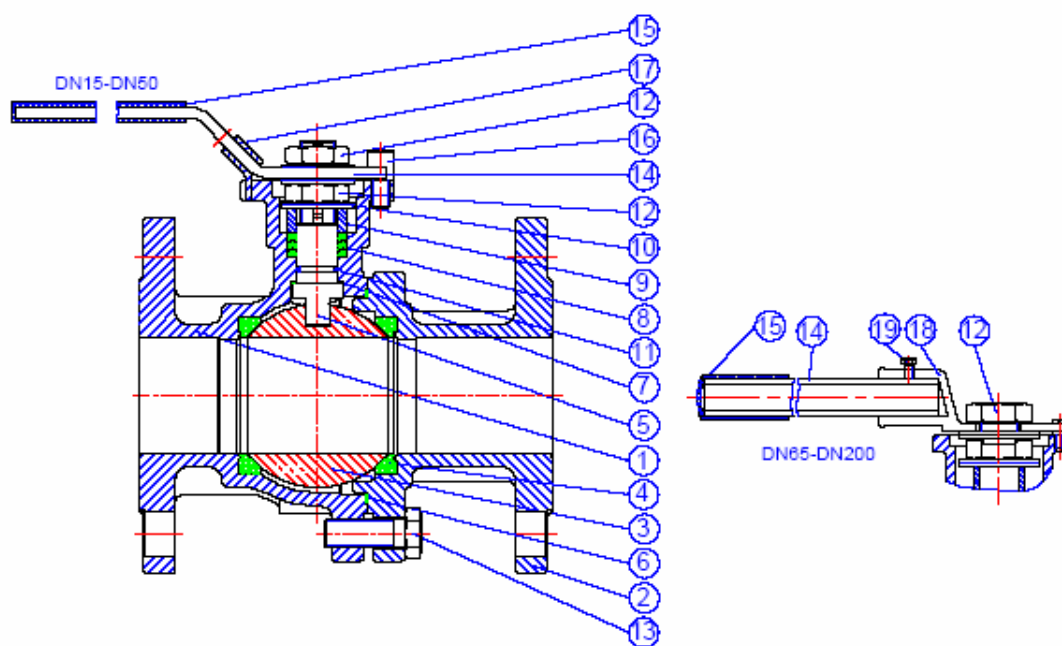
Standard:

- Basic Design to ANSI B16.34
- Flange Dimension to DIN 2635 PN 16/40.
- Face-to-face meets to DIN 3202 F4/F5.
- Inspection & testing according to API 598.
- PED 97/23/EC; ISO 9001

Dimensions List

Size	d	L	H	W	H1	W1	D	C	G	f	t	N	M	ISO 5211	Torque (N-M)
15	15	115	55	123	9	9	95	65	45	2	16	4	14	F03/F04	14.5
20	20	120	66.5	123	11	9	105	75	58	2	18	4	14	F03/F04	17.2
25	25	125	66.5	152	11	11	115	85	68	2	18	4	14	F04/F05	20
32	32	130	74	152	11	11	140	100	78	2	18	4	18	F04/F05	30.4
40	40	140	85.5	182	15	14	150	110	88	3	18	4	18	F05/F07	35.2
50	50	150	92.5	182	15	14	165	125	102	3	20	4	18	F05/F07	35.2
65	65	170	113	326	18	17	185	145	122	3	18	4	18	F07/F10	102
80	80	180	124.5	326	18	17	200	160	138	3	20	8	18	F07/F10	126.5
100	100	190	142.5	440	23	22	220	180	158	3	20	8	18	F10/F12	156
125	125	325	182	753	28	22	250	210	188	3	22	8	18	F10/F12	322
150	150	350	201	753	28	27	285	240	212	3	22	8	22	F10/F12	347
200	200	400	259	962	25	36	340	295	268	3	24	12	22	F12	390




MATERIALS LIST:

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	1.4408 / 1.4308/ 1.0619	14	HANDLE	SS304
2	END CAP	1.4408 / 1.4308/ 1.0619	15	SLEEVE	PLASTIC
3	SOLID BALL	SS316	16	STOP PIN	SS304
4	BALL SEAT	PTFE	17	LOCKING DEVICE	SS304
5	STEM	SS316	18	HANDLE ADAPTER	SS304
6	BODY SEAL	PTFE	19	BOLT	SS316
7	THRUST WASHER	PTFE	20		
8	STEM PACKING	PTFE	21		
9	GLAND	SS304	22		
10	BELLEVILLE SPRING	SUS301	23		
11	O-Ring	Viton	24		
12	NUT	SS304	25		
13	BOLT	SS304			