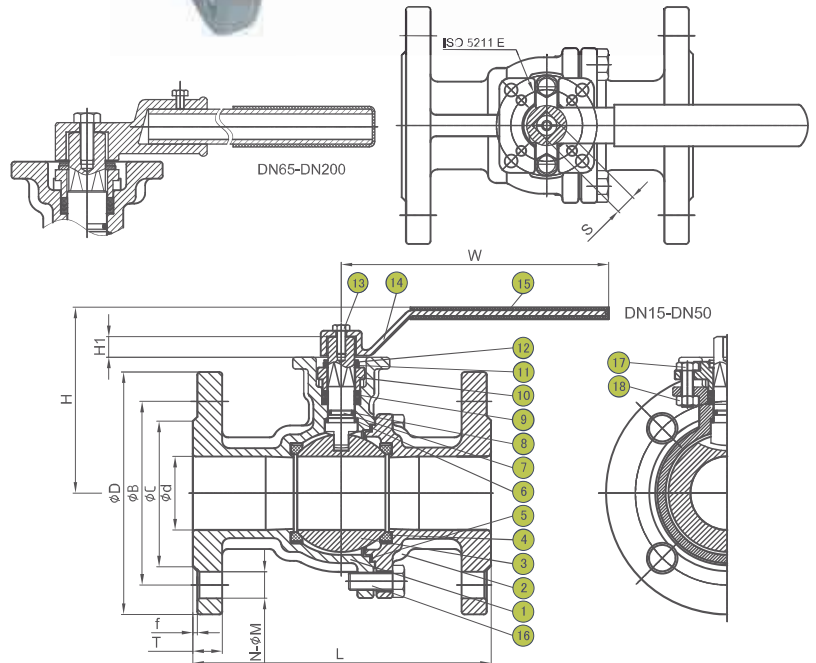


SPLIT BODY DIRECT-MOUNT FLANGE END BALL VALVE - GLAND DESIGN

Model: Series 2D (Formerly TC-205FF)

DIN PN 40

- Body Material**
1.4408, 1.4308, 1.0619
- Size Range**
1/2" - 8" (DN15~DN200)
- Pressure Rating**
PN40, 150PSI Saturated steam
- End Connection**
Flanged RF
- Standards**
Flange acc. to DIN 2635 PN40
Face-to-face acc. to DIN3202 -F4/F5
- Temperature Range**
-4°F to 350°F (-20°C to 180°C) with PTFE seats



Materials List:

NO.	PART NAME	MATERIAL
1	BODY	1.0619 / 1.4308 / 1.4408
2	CAP	1.0619 / 1.4308 / 1.4408
3	BALL	1.4308 / 1.4308 / 1.4408
4	BALL SEAT	PTFE
5	BODY SEAL	PTFE
6	THRUST WASHER	TFM 4215
7	STEM	SS304 / SS316
8	O-RING	VITON
9	STEM PACKING	PTFE
10	GLAND	CF8
11	STOPPER	SS304
12	SNAP RING	SS304
13	HANDLE BOLT	CARBON STEEL / SS304
14	HANDLE	SS304
15	HANDLE SLEEVE	VINYL
16	BODY BOLT	CARBON STEEL / SS304
17	BODY BOLT	CARBON STEEL / SS304
18	BODY NUT	CARBON STEEL / SS304

PN 40 Dimensions (mm):

SIZE IN	DN	d	L	H	W	D	B	C	T	f	S	H1	N	M	ISO 5211	Torque N.m.
1/2"	15	15	115	84	123	95	65	45	16	2	9	9	4	14	F03/F04	18
3/4"	20	20	120	94	123	105	75	58	18	2	9	9	4	14	F03/F04	22
1"	25	25	125	101	153	115	85	68	18	2	11	11	4	14	F04/F05	26
1-1/4"	32	32	130	108	153	140	100	78	18	2	11	11	4	18	F04/F05	32
1-1/2"	40	40	140	121	183	150	110	88	18	3	14	14	4	18	F05/F07	38
2"	50	50	150	127	183	165	125	102	20	3	14	14	4	18	F05/F07	47
2-1/2"	65	65	170	154	352	185	145	122	22	3	17	17	8	18	F07/F10	58
3"	80	80	180	165	352	200	160	138	24	3	17	17	8	18	F07/F10	100
4"	100	100	190	183	397	235	190	162	24	3	22	22	8	22	F10/F12	150
5"	125	125	325	229	708	270	220	188	26	3	27	27	8	26	F10/F12	200
6"	150	150	350	248	708	300	250	218	28	3	27	27	8	26	F10/F12	320
8"	200	200	400	304	920	375	320	285	34	3	36	36	12	30	F14	600

Note: Torque measured at ambient temperature with no loading; safety factor is not included.
Select size(s) may be under development, please consult with us for details.

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Due to continuous development of the products, DIE ERSTE reserves the right to alter the dimension and information contained in the document as required without notice. For specific performance data and proper material selection, please consult with your DIE ERSTE representatives.

