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SPLIT BODY DIRECT-MOUNT FLANGE END BALL VALVE - GLAND DESIGN Model: Series 2D (Formerly TC-205FF)

ANSI CLASS 150

 Body Material CF8M, CF8, WCB Size Range 1/2" - 8" (DN15~DN200) Pressure Rating Class150, 150PSI Saturated steam End Connection Flanged RF Standards Flange acc. to ASME B16.5 Face-to-face acc. to ASME B16.0 Temperature Range • -4°F to 350°F (-20°C to 180°C) with PTFE seats Materials List: ISO 5211 PART NAME NO. MATERIAL BODY WCB / CF8 / CF8M 1 2 CAP WCB / CF8 / CF8M 1/2"-8' 3 BALL CF8 / CF8 / CF8M 4 BALL SEAT PTFE 5 BODY SEAL PTFE 6 THRUST WASHER TFM 4215 W SS304 / SS316 7 STEM **O-RING** 8 VITON 1/2"-2" 9 STEM PACKING PTFE 10 GLAND CF8 STOPPER 11 SS304 10 Т 12 SNAP RING SS304 9 13 HANDLE BOLT CARBON STEEL / SS304 8 7 14 HANDLE SS304 D R 되었 6 HANDLE SLEEVE VINYL 15 5 16 BODY BOLT CARBON STEEL / SS304 4 BODY BOLT CARBON STEEL / SS304 17 3 18 BODY NUT CARBON STEEL / SS304 Class 150 Dimensions (mm): SIZE Torque ISO d W D В С S H1 Ν н Μ 5211 N.m IN DN 15 108 84 123 89 60.5 9 16 E03/E04 1/2 35 11.1 1.6 9 4 15 14 3/4" 20 20 117 94 123 98 70.0 43 11.1 1.6 9 9 4 16 F03/F04 18 25 25 127 101 153 108 79.5 51 11 16 F04/F05 22 1" 11.1 1.6 11 4 153 4 1-1/4" 32 32 140 108 117 89.5 64 12.7 1.6 11 11 16 F04/F05 25 40 165 121 183 127 73 4 F05/F07 1 - 1/2'40 98.5 14.3 1.6 14 14 16 29 2" 50 50 178 127 183 152 120.5 92 15.9 14 14 4 19 F05/F07 1.6 34 2-1/2" 65 65 190 154 352 178 139.5 105 17.5 1.6 17 17 4 19 F07/F10 50 352 3' 80 80 203 165 190 152.5 127 19.1 1.6 17 17 4 19 F07/F10 75 4" 100 100 229 183 397 229 190.5 157 1.6 22 22 8 19 F10/F12 100 23.9125 5" 125 356 229 708 254 216.0 186 23.9 3 27 27 8 22 F10/F12 170 6" 150 150 394 248 708 279 241.5 216 25.4 1.6 27 27 8 22 F10/F12 270 304 8" 200 200 457 920 343 298.5 270 28.6 36 8 22 F14 1.6 36 380 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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DIE ERSTE INDUSTRY CO., LTD. www.die-erste.com info@die-erste.com

DIN PN 16

SPLIT BODY DIRECT-MOUNT FLANGE END BALL VALVE - GLAND DESIGN Model: Series 2D (Formerly TC-205FF)

Body Material 1.4408, 1.4308, 1.0619 Size Range 1/2" - 8" (DN15~DN200) Pressure Rating PN16, 150PSI Saturated steam End Connection Flanged RF **Standards** Flange acc. to DIN 2633 PN16 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 BODY 1.0619 / 1.4308 / 1.4408 CAP 1.0619 / 1.4308 / 1.4408 DN65-DN200 BALL 1.4308 / 1.4308 / 1.4408 BALL SEAT PTFE BODY SEAL PTFE THRUST WASHER TFM 4215 STEM SS304 / SS316 **O-RING** VITON DN15-DN50 STEM PACKING PTFE Ŧ GLAND CF8 (11 STOPPER SS304 10 SNAP RING SS304 8 HANDLE BOLT CARBON STEEL / SS304 7 HANDLE SS304 6 HANDLE SLEEVE VINYL 5 BODY BOLT CARBON STEEL / SS304 (4) BODY BOLT CARBON STEEL / SS304 3 BODY NUT CARBON STEEL / SS304 2 (T

PN 16 Dimensions (mm):

SIZ IN	ZE DN	d	L	н	w	D	В	с	т	f	S	H1	N	М	ISO 5211	Torque N.m.
1/2"	15	15	115	84	123	95	65	45	14	2	9	9	4	14	F03/F04	14
3/4"	20	20	120	94	123	105	75	58	16	2	9	9	4	14	F03/F04	18
1"	25	25	125	101	153	115	85	68	16	2	11	11	4	14	F04/F05	22
1-1/4"	32	32	130	108	153	140	100	78	16	2	11	11	4	18	F04/F05	25
1-1/2"	40	40	140	121	183	150	110	88	16	3	14	14	4	18	F05/F07	29
2"	50	50	150	127	183	165	125	102	18	3	14	14	4	18	F05/F07	34
2-1/2"	65	65	170	154	352	185	145	122	18	3	17	17	4	18	F07/F10	50
3"	80	80	180	165	352	200	160	138	20	3	17	17	8	18	F07/F10	75
4"	100	100	190	183	397	220	180	158	20	3	22	22	8	18	F10/F12	100
5"	125	125	325	229	708	250	210	188	22	3	27	27	8	18	F10/F12	170
6"	150	150	350	248	708	285	240	212	22	3	27	27	8	22	F10/F12	270
8"	200	200	400	304	920	340	295	268	24	3	36	36	12	22	F14	380

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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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 st End Connection Flanged RF Standards Flange acc. to DIN 2635 PN Face-to-face acc. to DIN32 Temperature Range -4°F to 350°F (-20°C to 180 	140 02 -F4/		seats													
Materials List:NO. PART NAME1BODY2CAP3BALL4BALL SEAT5BODY SEAL6THRUST WASHER7STEM8O-RING9STEM PACKING10GLAND11STOPPER12SNAP RING13HANDLE BOLT14HANDLE15HANDLE SLEEVE16BODY BOLT17BODY BOLT18BODY NUT		MATERIAL 1.0619 / 1.4308 / 1.4408 1.0619 / 1.4308 / 1.4408 1.4308 / 1.4308 / 1.4408 PTFE PTFE TFM 4215 SS304 / SS316 VITON PTFE CF8 SS304 SS304 SS304 CS304 CARBON STEEL / SS304 CARBON STEEL / SS304												N15-DN50		
SIZE IN d L H 1/2" 15 15 115 84 3/4" 20 20 120 94 1" 25 25 125 101 1-1/4" 32 32 130 108 1-1/2" 40 40 140 121 2" 50 50 150 127 2-1/2" 65 65 170 154 3" 80 80 180 165 4" 100 100 190 183 5" 125 125 325 226 6" 150 150 350 248 8" 200 200 400 304 Note: Torque measured at ambia Select size(s) may be under Select size(s) may be under Copyright © 2016 by DIE EI Due to continuous development 204	W 123 123 153 153 183 183 352 352 397 708 708 920 ent temp develo RSTE IN	pment, DUSTR	please / CO., I	consult L TD.	with u	s for d s 2D \	etails. /4.0			M 14 14 14 18 18 18 18 18 18 22 26 26 26 30	ISO 5211 F03/F04 F03/F04 F04/F05 F05/F07 F05/F07 F07/F10 F07/F10 F10/F12 F10/F12 F10/F12 F14	Torque 18 22 26 32 38 47 58 100 150 200 320 600	in the do		as required	



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