



Three Pieces Ball Valves IMF Long BW 1000 WOG

Size 3/8" - 4" (DN 10 - 100) Stainless Steel



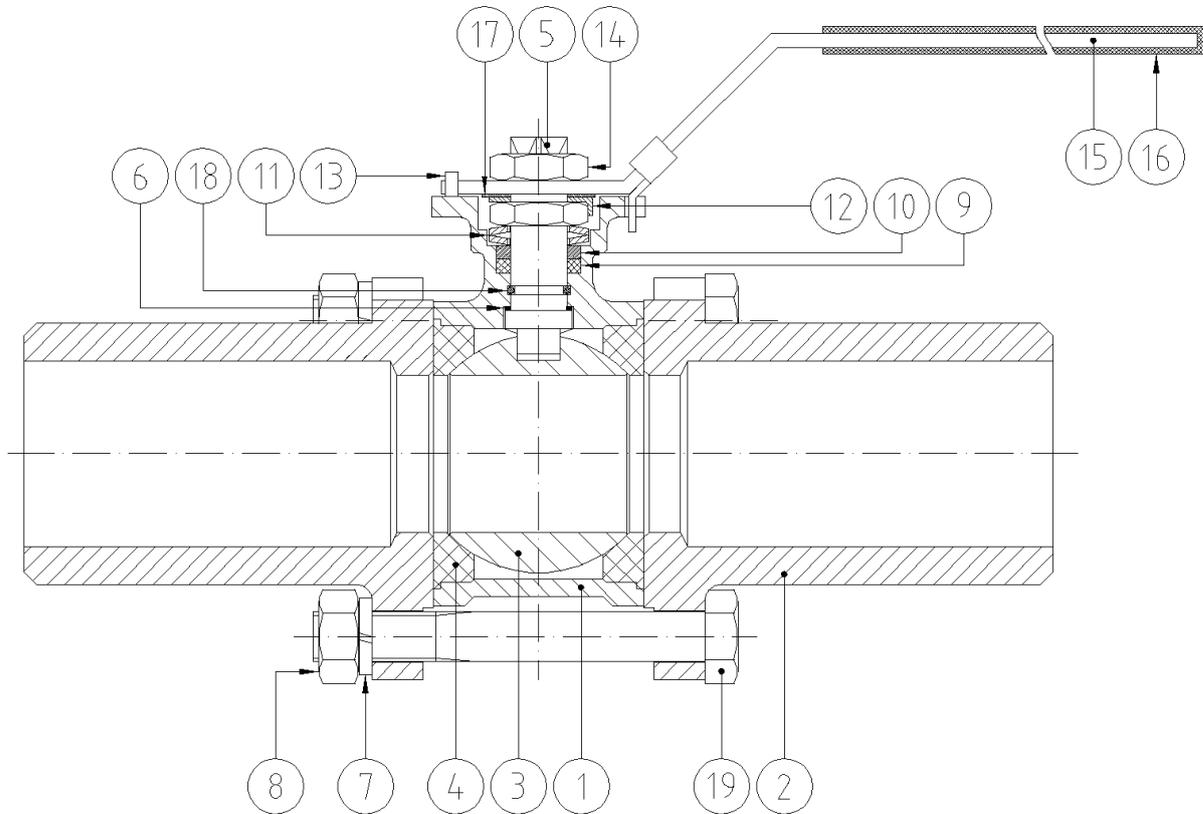
Fig. 143 IMF L FULL BORE

Butt Weld according:
ASME B16.25 & DIN 3239 part 1



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Parts and materials

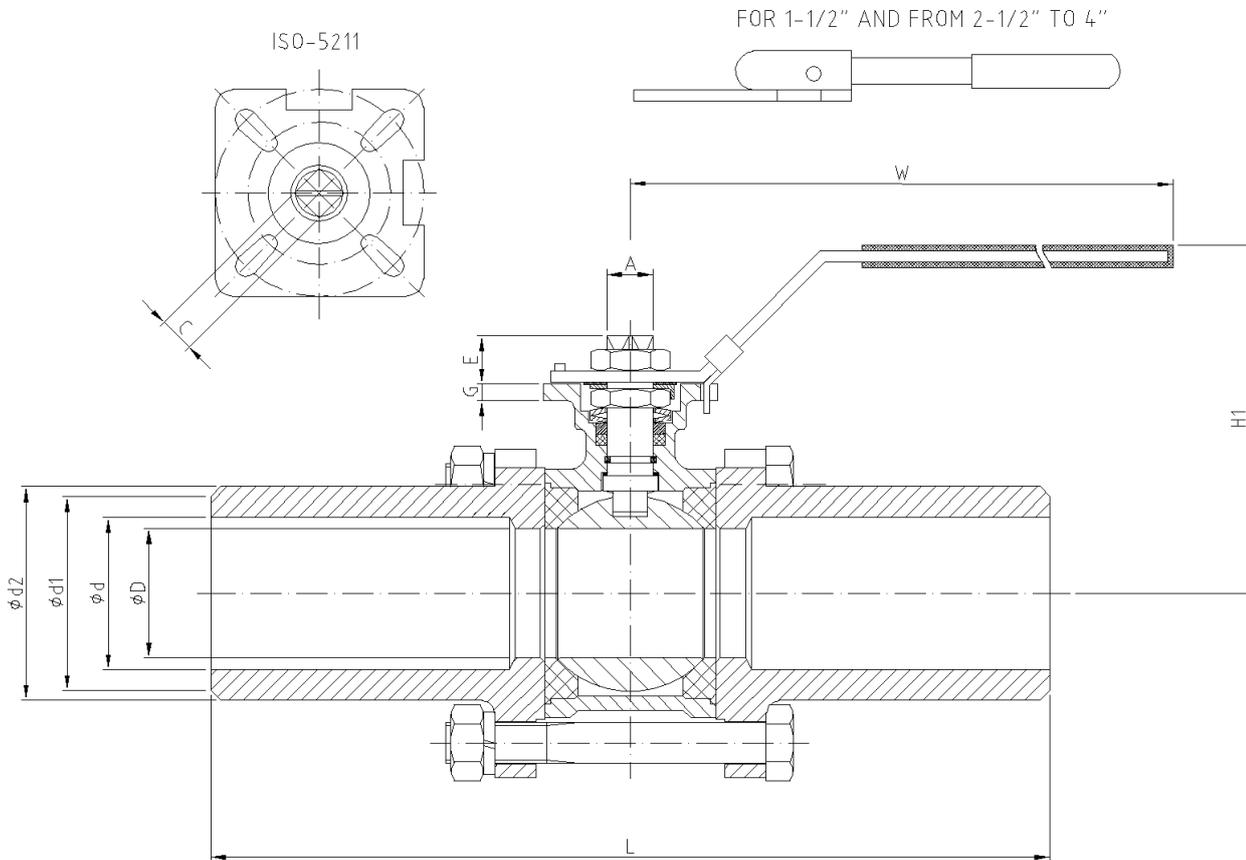


Item	Description	Material
1	Body	A351 CF8M
2	Body connector	A351 CF8M
3	Ball	A351 CF8M
4	Seat ring	PTFE
5	Stem	AISI 316
6	Thrust washer	PTFE
7	Washer	AISI 304
8	Nut	AISI 304
9	Gland packing	PTFE
10	Gland ring	AISI 304
11	Disc spring	AISI 301
12	Locking washer	AISI 304
13	Stop pin	AISI 304
14	Nut	AISI 304
15	Wrench	AISI 304
16	Sleeve	PLASTIC
17	Washer	AISI 304
18	O-ring	FKM
19	Bolt	AISI 304



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Dimensions



Dimensions

SIZE	ØD	L	Ød	Ød1	Ød2	E	G	C	A	ISO 5211	W	H1	WEIGHT	PN
3/8" (DN 10)	10	214	10	12	17	9	4,5	9	12	F03/F04	143	70	0,8	PN63
1/2" (DN 15)	15	224	15	17	21	9	4,5	9	12	F03/F04	143	70	0,8	PN63
3/4" (DN 20)	20	236	20	22	27	9	4,5	9	12	F03/F04	143	79	1	PN63
1" (DN 25)	25	248	25	28	33	11	5,5	11	14	F04/F05	163	95	1,4	PN63
1 1/4" (DN 32)	32	272	32	35	42	11	5,5	11	14	F04/F05	163	100	2	PN63
1 1/2" (DN 40)	38	286	40	43	49	15	8	14	18	F05/F07	188	116	3,2	PN63
2" (DN 50)	50	304	50	54	60	15	8	14	18	F05/F07	188	124	4,8	PN63
2 1/2" (DN 65)	64	323	65	69	76	17	8,5	17	22	F07/F10	350	141	8	PN25
3" (DN 80)	76	343	80	84	91	17	8,5	17	22	F07/F10	350	149	12	PN25
4" (DN 100)	94	366	100	105	114	22	8,5	22	28	F10/F12	350	173	21	PN25

(*) Dimensions in mm and weight in kg.

Note:

Dimensions not subject to International Standards can vary in $\pm 10\%$. ICP reserves the right to change those dimensions without notice, due to they do not affect integrity and performance of the valves.

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Torque, Kv, P&T Rating, Actreg Actuator

Torque Values in Nm

VALVE SIZE	AT DIFFERENTIAL PRESSURE		VALVE SIZE	AT DIFFERENTIAL PRESSURE	
	63 bar			25 bar	
3/8" (DN 10)	4		2½" (DN 65)	55	
½" (DN 15)	5		3" (DN 80)	80	
¾" (DN 20)	7		4" (DN 100)	118	
1" (DN 25)	12				
1¼" (DN 32)	18				
1½" (DN 40)	25				
2" (DN 50)	35				

Kv Values in m³/h

VALVE SIZE	Kv	VALVE SIZE	Kv
3/8" (DN 10)	9,0	1½" (DN 40)	80,0
½" (DN 15)	11,2	2" (DN 50)	150,0
¾" (DN 20)	21,0	2½" (DN 65)	265,0
1" (DN 25)	34,0	3" (DN 80)	415,0
1¼" (DN 32)	57,0	4" (DN 100)	780,0

Pressure-Temperature

