

Three Pieces Ball Valves IMF 1000 WOG

Size 1/4" - 4" (DN 8 - 100) Stainless Steel



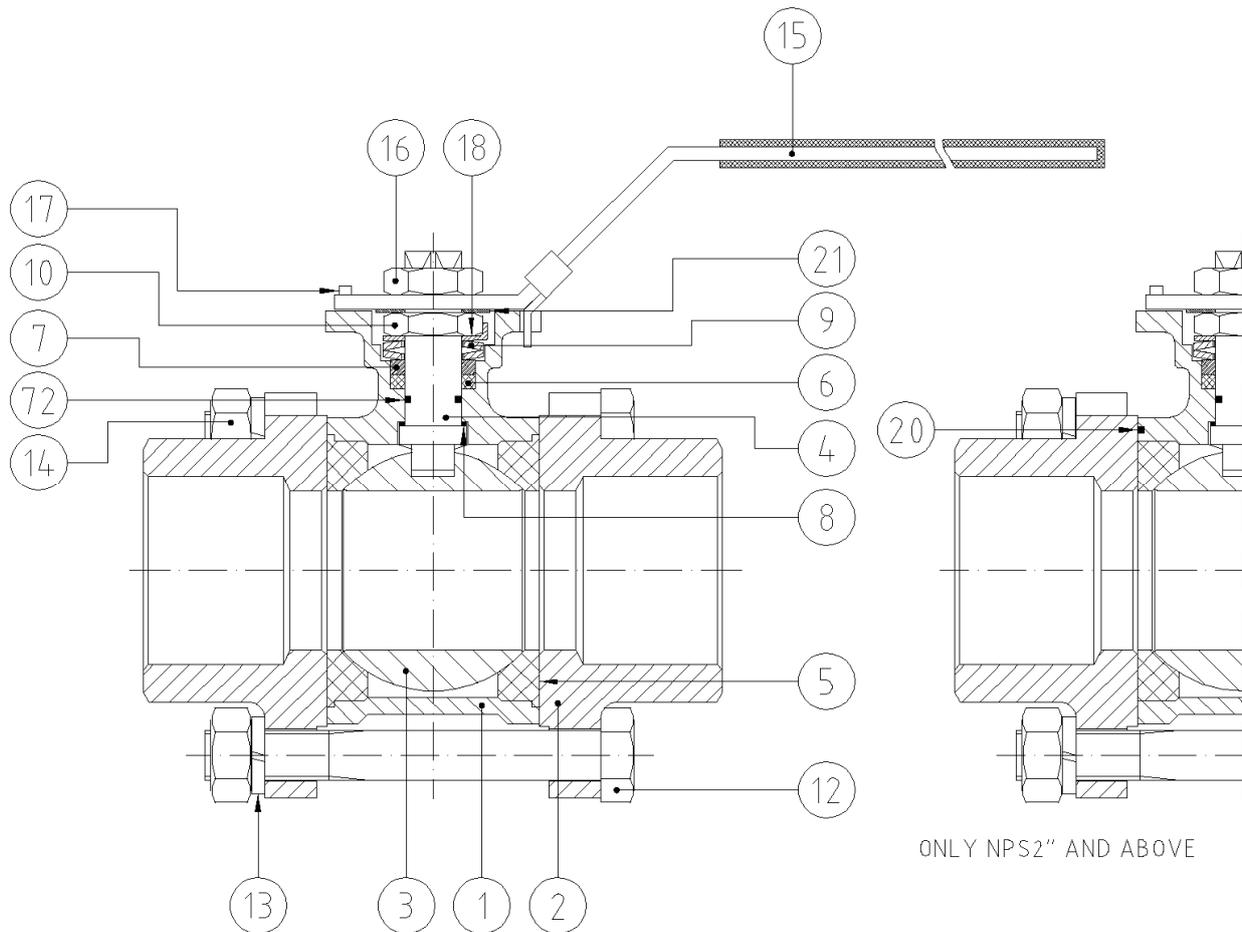
Fig. 142IMF FULL BORE

**Socket Weld according:
ASME B16.11 & DIN 3239 part 2**



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Parts and materials



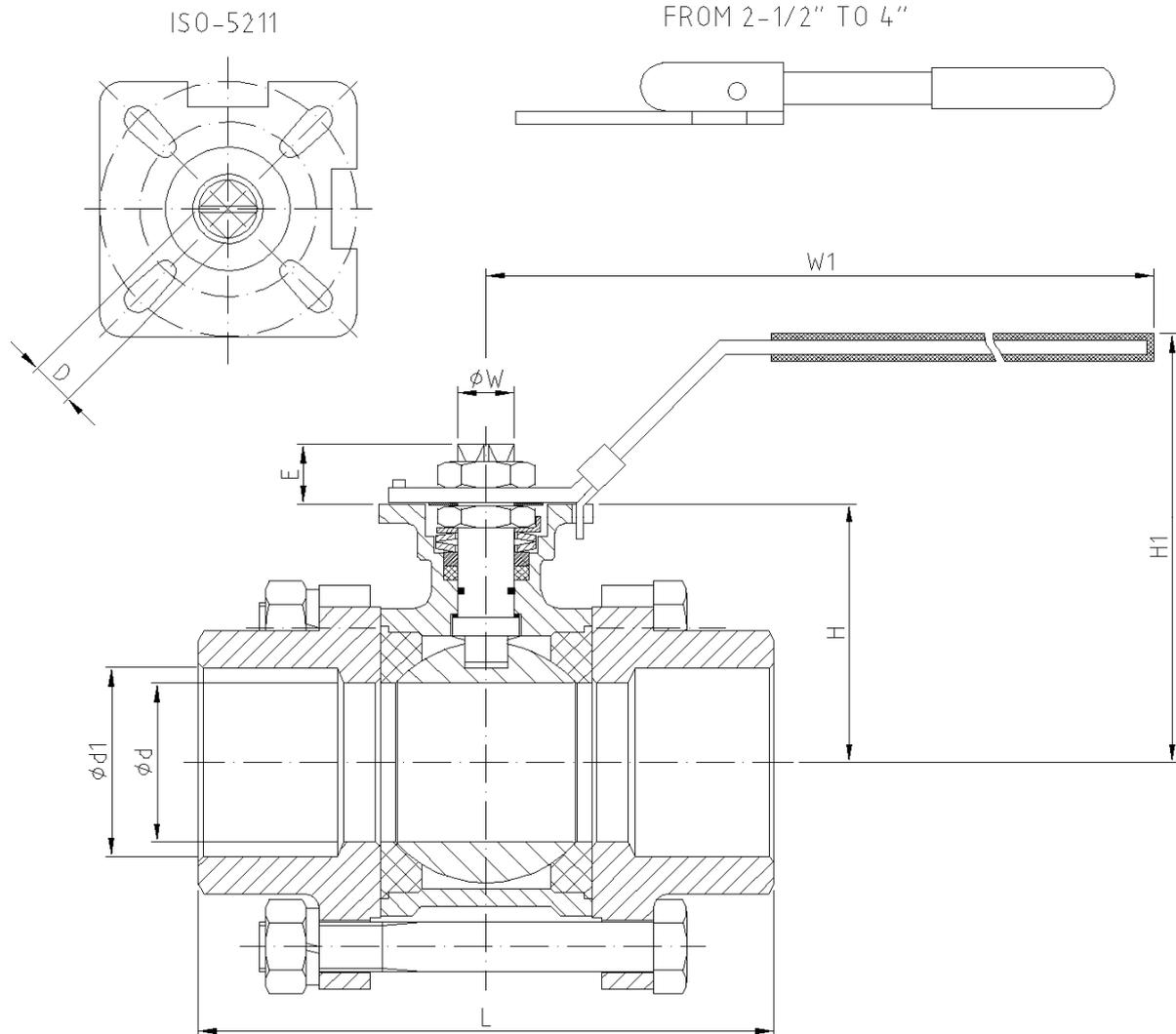
ONLY NPS2" AND ABOVE

Item	Description	Material
1	Body	AISI 316
2	Body connector	AISI 316
3	Ball	AISI 316
4	Stem	AISI 316
5	Seat ring	PTFE
6	Stem packing	PTFE
7	Ring	AISI 304
8	Stem thrust seal	PTFE
9	Belleville w asher	AISI 301
10	Gland Nut	AISI 304
12	Bolt	AISI 304
13	Washer	AISI 304
14	Nut	AISI 304
15	Handle	AISI 304+PVC
16	Handle nut	AISI 304
17	Stop pin	AISI 304
18	Locking w asher	AISI 304
20	Gasket	PTFE
21	Washer	AISI 304
72	O'ring	FKM

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Dimensions



Dimensions

SIZE	Ød	Ød1	L	W1	H	H1	E	D	ØW	ISO 5211
¼" (DN 8)	11,6	14,2	55	143	38,5	70	9	9	12	F04/03
⅜" (DN 10)	12,5	17,7	60	143	38,5	70	9	9	12	F04/03
½" (DN 15)	15	21,8	75	143	38,5	70	9	9	12	F04/03
¾" (DN 20)	20	27,2	80	143	47,5	79	9	9	12	F04/03
1" (DN 25)	25	34	90	163	59	95	11	11	14	F05/04
1¼" (DN 32)	32	42,7	110	163	63,5	100	11	11	14	F05/04
1½" (DN 40)	38	48,8	120	188	79	116	15	14	18	F07/05
2" (DN 50)	50	61,2	140	188	86,5	124	15	14	18	F07/05
2½" (DN 65)	64	74	162	350	109,1	141	17	17	22	F10/07
3" (DN 80)	76	90	184	350	117	149	17	17	22	F10/07
4" (DN 100)	94	115,6	228	350	136	173	22	22	28	F12/10

(*) 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	
1/4" (DN 8)	4,9		2 1/2" (DN 65)	58,3	
3/8" (DN 10)	4,9		3" (DN 80)	86,8	
1/2" (DN 15)	4,9		4" (DN 100)	122,6	
3/4" (DN 20)	6,5				
1" (DN 25)	13,7				
1 1/4" (DN 32)	21,6				
1 1/2" (DN 40)	29,5				
2" (DN 50)	47				

Kv Values in m³/h

VALVE SIZE	Kv	VALVE SIZE	Kv
1/4" (DN 8)	6,6	1 1/2" (DN 40)	80,0
3/8" (DN 10)	6,6	2" (DN 50)	150,0
1/2" (DN 15)	11,2	2 1/2" (DN 65)	265,0
3/4" (DN 20)	21,0	3" (DN 80)	415,0
1" (DN 25)	34,0	4" (DN 100)	780,0
1 1/4" (DN 32)	57,0		

Pressure-Temperature

