Three Pieces Ball Valves IMF 1000 WOG

Size ¼” – 4” (DN 10 -100) Stainless Steel



Fig. 142IMF

FULL BORE

Socket Weld according:

ASME B16.11 & DIN 3239 part 2

CE 0035

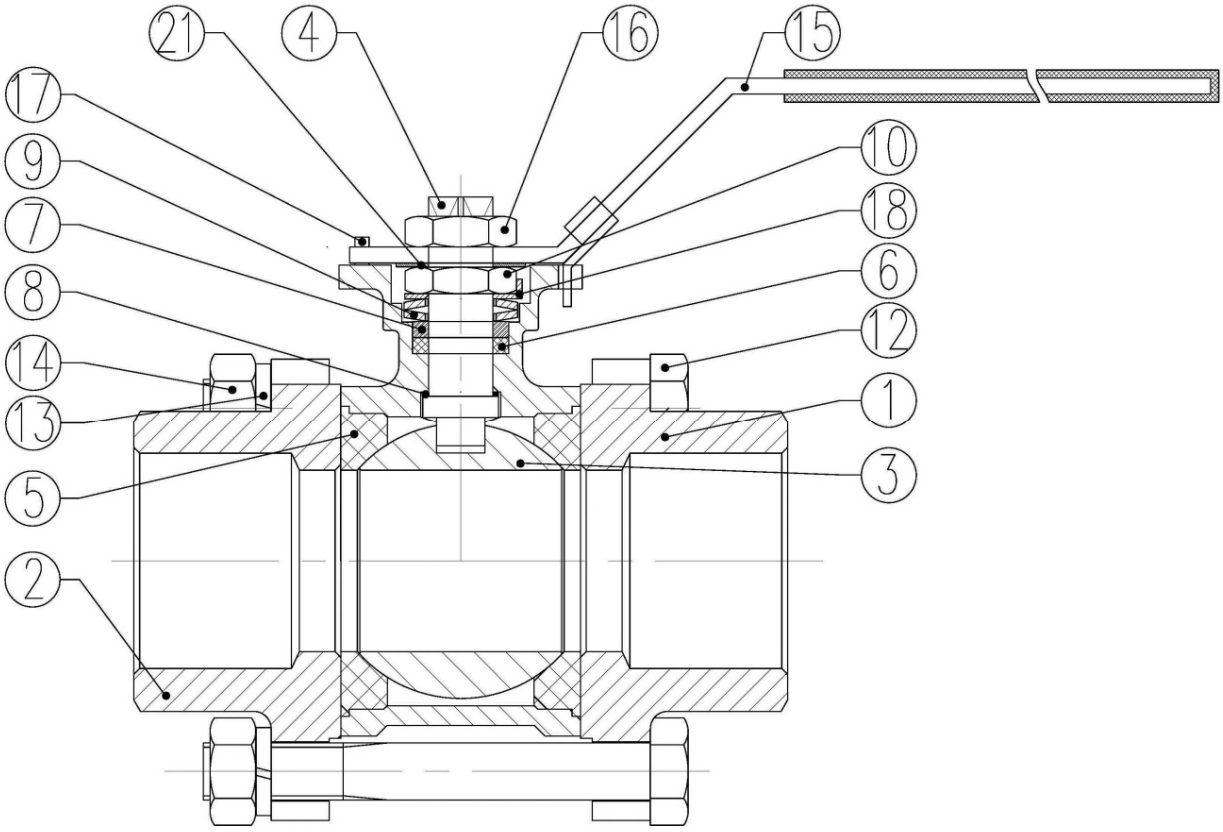
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Parts and materials



Item	Description	Material
1	Body	1.4408
2	Body connector	1.4408
3	Ball	1.4408
4	Stem	1.4401
5	Seat ring	PTFE
6	Stem packing	PTFE
7	Ring	AISI 304
8	Seat thrust seal	PTFE
9	Belleville w asher	AISI 304
10	Gland Nut	AISI 304
12	Bolt	1.4301
13	Washer	AISI 304
14	Nut	1.4301
15	Handle	AISI 304+PVC
16	Handle nut	AISI 304
17	Stop pin	AISI 304
18	Locking w asher	AISI 304
21	Washer	AISI 304

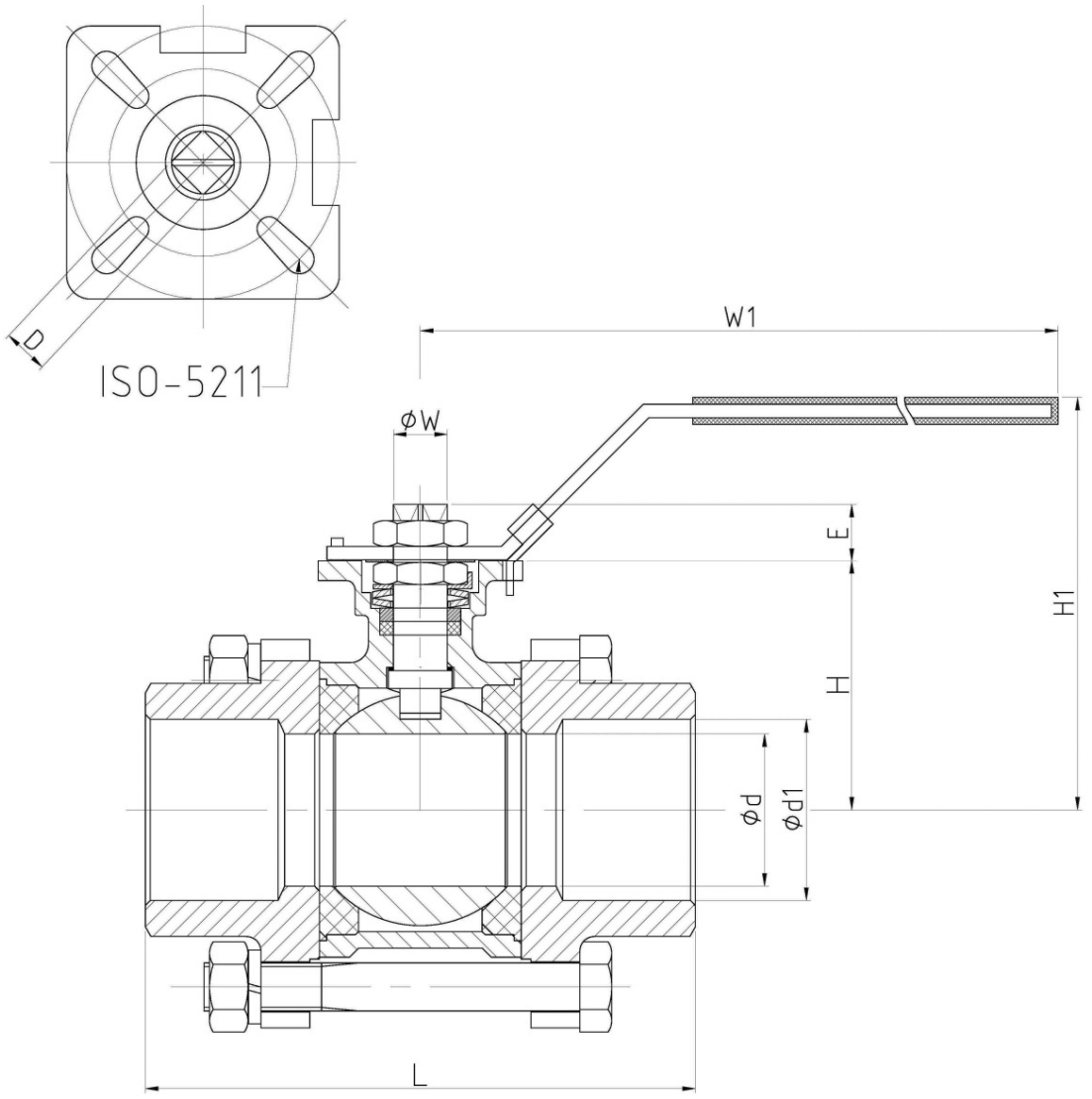
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Dimensions



Dimensions

SIZE	Ød	Ød1	L	W1	H	H1	E	D	ISO 5211	WEIGHT
¼" (DN 10)	11,5	14,2	55	143	38	65	9	9	F04/03	0,59
⅜" (DN 12)	12,5	17,7	60	143	38	65	9	9	F04/03	0,58
½" (DN 15)	15	21,8	75	143	38	65	9	9	F04/03	0,57
¾" (DN 20)	20	27,2	80	143	47	76	9	9	F04/03	0,71
1" (DN 25)	25	34	90	168	60	95	11	11	F05/04	1,03
1¼" (DN 32)	32	42,7	110	168	62,7	95	11	11	F05/04	1,56
1½" (DN 40)	38	48,8	120	190	79	115	15	14	F07/05	2,5
2" (DN 50)	50	61,2	140	190	88	124	15	14	F07/05	3,44
2½" (DN 65)	65	74	162	350	109,1	140	17	17	F10/07	6,4
3" (DN 80)	80	90	184	350	116,2	150	17	17	F10/07	11,2
4" (DN 100)	100	115,6	228	350	142	175	22	22	F12/07	22

(*) Dimensions in mm and weight in kg.

Note:

Dimensions not subject to International Standards can vary in ±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

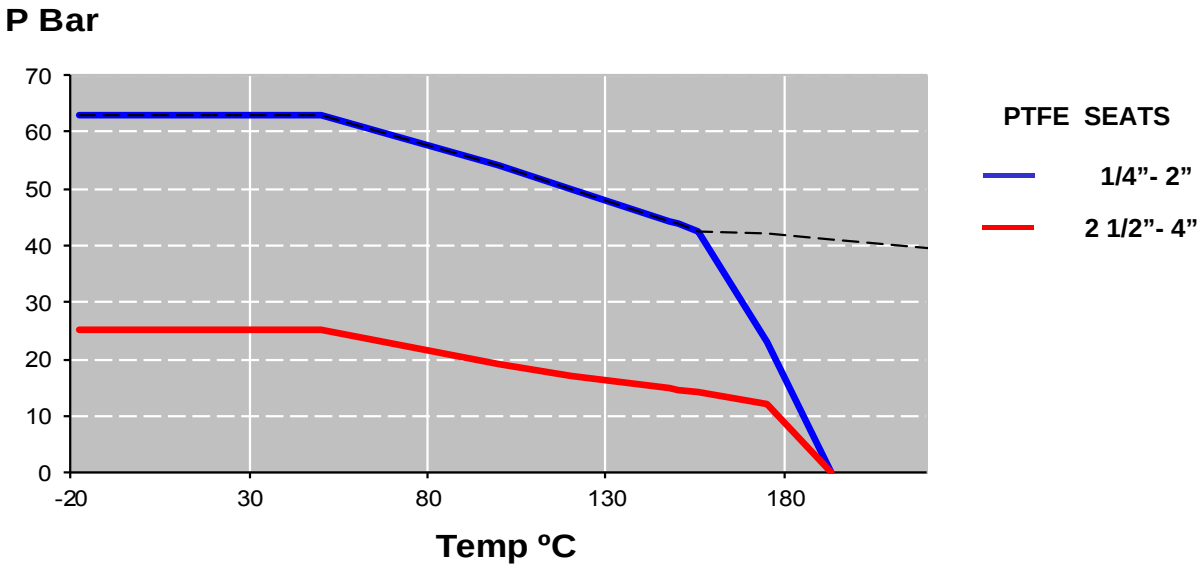
Torque Values in Nm

VALVE SIZE	AT DIFFERENTIAL PRESSURE 63 bar	VALVE SIZE	AT DIFFERENTIAL PRESSURE 25 bar
¼" (DN 10)	4,9	2½" (DN 65)	58,3
⅜" (DN 12)	4,9	3" (DN 80)	86,8
½" (DN 15)	4,9	4" (DN 100)	122,6
¾" (DN 20)	6,5		
1" (DN 25)	13,7		
1¼" (DN 32)	21,6		
1½" (DN 40)	29,5		
2" (DN 50)	47		

Kv Values in m^3/h

VALVE SIZE	Kv	VALVE SIZE	Kv
¼" (DN 10)	6,6	1½" (DN 40)	80,0
⅜" (DN 12)	6,6	2" (DN 50)	150,0
½" (DN 15)	11,2	2½" (DN 65)	265,0
¾" (DN 20)	21,0	3" (DN 80)	415,0
1" (DN 25)	34,0	4" (DN 100)	780,0
1¼" (DN 32)	57,0		

Pressure-Temperature



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