

3PC-FB-Ball-Valve-PN63-ISO5211-MPad

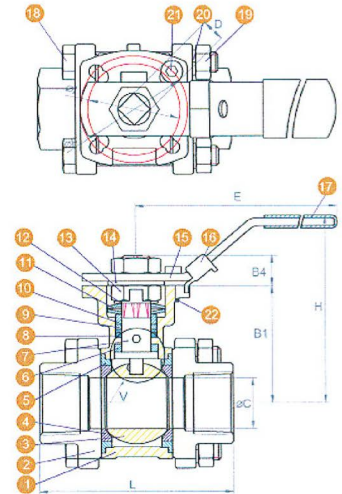


Specifications

Threads to conform to:
ASME B1.20.1 (NPT)
DIN 2999 & BS 21 (BSP)
Investment Casting
Blow-out proof system
PTFE Seat
Full Bore with ISO5211 Mount pad for actuator fitting
Test and Inspection to API598
Also available in Butt Weld and socket weld ends

Materials of Construction

Nº	Part Name	Material	Qty
1	Body	CF8M WCB	1
2	End Cap	CF8M WCB	2
3	Ball	SUS316	1
4	Seat	RPTFE	2
5	Joint Gasket	PTFE	2
6	Stem Seal	RPTFE	1
7	Stem	SUS316	1
8	Gland Packing	MG1241	2
9	Bushing	#	1
10	Gland Bush	SUS304	1
11	Belleville Washer	SUS301	2
12	Stop Washer	SUS304	1
13	Stem Nut	SUS304	2
14	Stem Washer	SUS304	1
15	Handle	SUS304	1
16	Locking Device	SUS304	1
17	Handle Sleeve	Vinyl	1
18	Bolt	SUS304	*
19	Bolt Nut	SUS304	∫
20	Bolt Washer	SUS304	∫
21	Stop Pin	SUS304	1
22	Pin Nut	SUS304	1



Break Away Torque & CV Values

Size	Break Away Torque		Cv U.S. GPM
	Nm	In / lbs	
1/4"	3	27	8
3/8"	3	27	10
1/2"	3	27	12
3/4"	7	62	32
1"	12	106	56
1 1/4"	15	133	82
1 1/2"	20	177	120
2"	23	204	240
2 1/2"	35	310	320
3"	55	487	580
4"	85	753	1020



#25% Glass Fibre filled + PTFE

*For 1/4" to 2" – 4 pcs of bolts (single ended ext. thread)

*For 2 1/2" to 3" – 4 pcs of bolts (double ended ext. thread)

*For 4" – 6 pcs of bolts (double ended ext. thread)

∫ For 1/4" to 2" – 4 pcs

∫ For 2 1/2" to 3" – 8 pcs

∫ For 4" – 12 pcs

Size	ØA	B1	B4	ØC	D	E	ØF	ØG	H	ØI	J	L	L1	L2	LE	LF	N	ØP	ØQ	ØT	W	W1	W(kg)	ISO5211
1/4"	14.1	42.1	8.65	11.6	9.0	139	42	16.2	78	36	1.6	63.5	62.5	10	225	-	-	-	-	-	-	-	0.64	F03/F04
3/8"	17.6	42.1	8.65	12.7	9.0	139	42	17.5	78	36	1.6	63.5	62.5	10	225	-	-	-	-	-	-	-	0.62	F03/F04
1/2"	21.7	42.1	8.65	15.0	9.0	139	42	22.7	78	36	1.6	65.5	65.5	10	225	130	4	65	14	95	16	2	0.66	F03/F04
3/4"	27.3	48.0	8.45	20.0	9.0	139	42	27.5	83	36	1.6	76.2	76.2	13	225	150	4	75	14	105	18	2	0.83	F03/F04
1"	34.1	56.6	11.4	25.0	11.0	165	50	33.5	96	42	1.6	86.0	86.0	13	245	160	4	85	14	115	18	2	1.25	F04/F05
1 1/4"	42.8	60.9	11.4	32.0	11.0	165	50	42.0	100	42	1.6	102.8	102.8	13	255	180	4	100	18	140	18	2	1.89	F04/F05
1 1/2"	48.7	77.5	13.9	38.0	14.0	215	70	48.6	127	50	1.6	119.0	119.0	13	260	200	4	110	18	150	18	3	3.17	F05/F07
2"	61.0	85.2	13.9	50.0	14.0	215	70	60.5	135	50	1.6	131.4	131.4	16	275	230	4	125	18	165	20	3	4.44	F05/F07
2 1/2"	108.7	168	16.8	65.0	17.0	262	102	76.3	167	70	2	164.0	164.0	16	334	290	8	145	18	185	22	3	8.91	F07/F10
3"	90.0	117.7	17.8	80.0	17.0	262	102	90.0	176	70	2	182.5	182.5	16	354	310	8	160	18	200	24	3	11.76	F07/F10
4"	115.2	132.6	16.8	100	17.0	312	102	116.0	191	70	3.5	235.6	235.6	20	-	350	8	190	22	235	24	3	21.50	F07/F10

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