

## 3 PIECES ANSI CLASS BALL VALVE Carbon Steel, Flanged

CLASS150 CLASS300  
Carbon Steel V-M3P-03-20F V-M3P-03-21F

### Design

Size : ASME B16.10  
Connection : ASME B16.5  
Actuator Connection : ISO 5211

### Technical Features

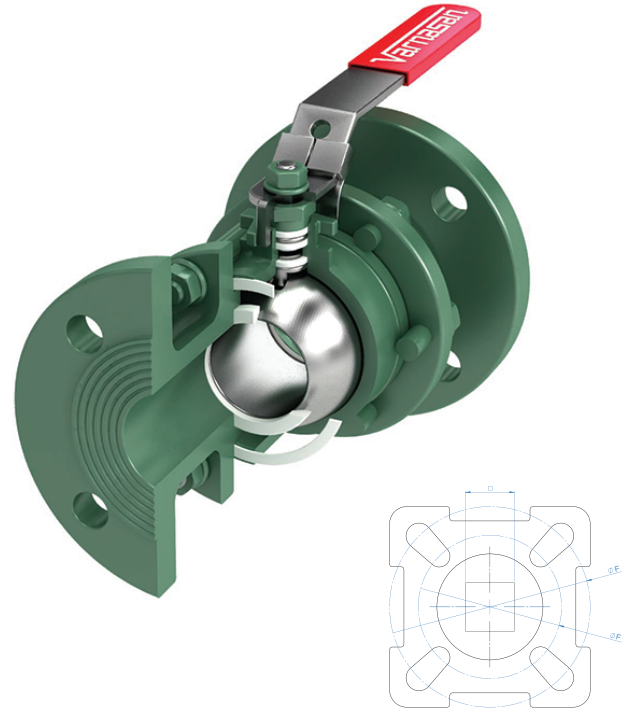
Working Pressure : Class 150, Class 300  
Working Temperature : -30°C / + 180°C  
Usage : Option with actuator connection and handle

### Certificate

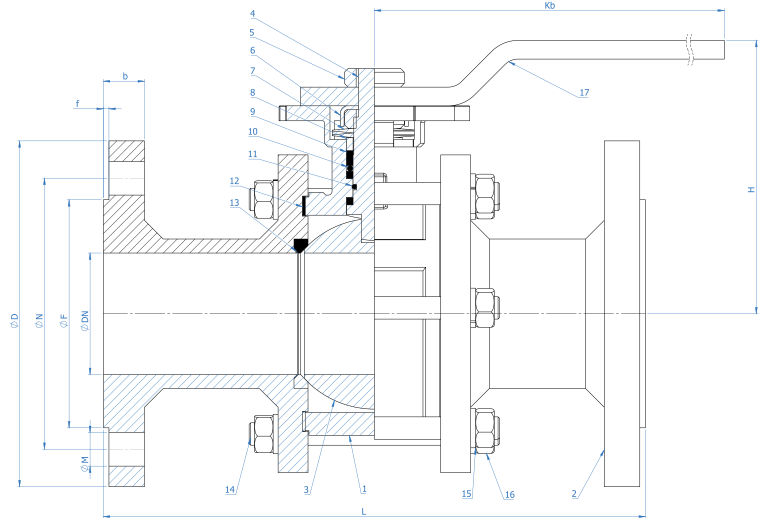
CE0408, TS EN 10204 3.1, ATEX, ADR, Fire Safe, ISO 9001:2015, SIL3

### Application

Hot water, cold water, compressed air, fuel oil, ceramic etc.



NO	PART NAME	MATERIAL
1	GOVDE	CARBON STEEL
2	COVER	CARBON STEEL
3	STEM	AISI 430
4	BALL SHAFT	AISI 430
5	LOCKINGNUT	A2 STAINLESS
6	LOCKING SHEET METAL	STEEL
7	BAWL WASHER	COVERING
8	COMPRESSION RING	STAINLESS
9	STEM SEALING ELEMENT	PTFE
10	METAL RING	STAINLESS
11	O-RING	VITON
12	COVER GASKET	PTFE
13	BALL GASKET	PTFE
14	STUD	STEEL
15	SPRING WASHER	STEEL
16	NUT	STEEL
17	LEVER	STEEL



TYPE	SIZE	DIMENSIONS					CONNECTION SIZES ANSI CLASS 150						CONNECTION SIZES ANSI CLASS 300						ACTUATOR CONNECTION		
		DN	Kb	H	F	f	L	D	b	M	N	MN	L	D	b	M	N	MN	G	d	Kg
3PC-FL	DN 15	130	160	35	2	108	90	11	16	60	4	140	95	14	16	67	4	36	M5	2,8	
	DN 20	150	160	43	2	117	100	13	16	70	4	152	115	16	19	83	4	36	M5	3,8	
	DN 25	160	180	51	2	127	110	14	16	80	4	165	125	18	19	89	4	42	M5	5	
	DN 32	180	215	64	2	140	115	16	16	89	4	180	135	19	19	98	4	42	M5	7	
	DN 40	200	215	73	2	165	125	16	16	98	4	190	155	21	22	114	4	50	M6	9,5	
	DN 50	230	295	92	2	178	150	19	19	121	4	216	165	22	19	127	8	50	M6	13	
	DN 65	290	295	105	2	190	180	22	22	140	4	241	190	25	22	149	8	70	M8	20	
	DN 80	310	400	127	2	203	190	22	22	152	4	283	210	28	22	168	8	70	M8	26,5	
	DN 100	350	400	157	2	229	230	24	24	191	8	305	255	32	22	200	8	102	M10	42	
	DN 125	400	245	186	2	356	255	25	25	216	8	381	280	34	22	235	8	102	M10	50	
	DN 150	600	265	216	2	394	280	25	25	241	8	403	320	36	22	270	12	125	M12	79	
	DN 200	850	330	270	2	457	345	29	29	298	8	502	380	41	22	330	12	125	M12	180	

VALVE LEVER OPENING TORQUES	
VALVE SIZES	TORQUES
DN15	5 Nm
DN20	10 Nm
DN25	11 Nm
DN32	18 Nm
DN40	47 Nm
DN50	37 Nm
DN65	58 Nm
DN80	70 Nm
DN100	130 Nm

Note: No safety factor has been added to the torque values.