

## 68F100

### API 608 CARBON STEEL BALL VALVE



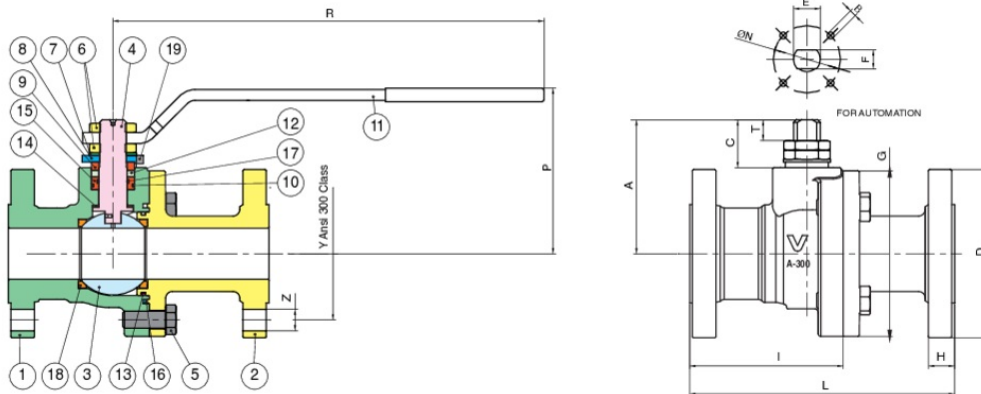
Carbon steel, ANSI class 300, flanged ball valve, full port.

- API 608, ASME B16.34, ASME B16.10, ASME B16.5, ASME B1.1 design.
  - 100% tested according to API 598 standards.
  - RTFE seats, packing and thrust washer.
  - Blow-out proof stem, locking handle.
  - Fire Safe API 607.
  - Antistatic Device.
  - ISO 5211 mounting pad with double “D” stem.
  - Locking device.
  - Temperature range -4°F to 366°F.
- 68F100: sizes 1/2” to 6”.

COMPLIES WITH NACE MR 0175/ISO 15156 AND NACE MR 0103



## Technical specifications



POSITION	PART NAME	MATERIAL	N.° PIECES
1	BODY	A352-LCC	1
2	END CONNECTION	A352-LCC	1
3	BALL	A479-TP316	1
4	STEM	A564-TP316 H1150D (17-4-PH)	1
5	SCREW	A32017	4-6-8-12
6	NUT	CARBON STEEL	2
7	SPRING WASHER	CARBON STEEL	2
8	90° STOP	AISI 316	1
9	BUSH	A479-TP316L	1
10	O-RING	FKM (VITON)	1
11	HANDLE	CARBON STEEL	1
12	STEM SEAL	GRAPHITE	1
13	O-RING	FKM (VITON)	1
14	THRUST WASHER	RPTFE	1
15	O-RING BUSH	A479-TP316L	1
16	BODY SEAT	GRAPHITE	1
17	O-RING	FKM (VITON)	2
18	BALL SEAT	RPTFE	2
19	SCREW	CARBON STEEL	1

SIZE	D	Y	Z	H	I	L	G	P	R	A	T	E	F	ISO 5211 ON	B	BREAK TORQUE (IN/LBS)	CV	WEIGHT LBS
1/2"	3.54	2.63	4xØ0.63	0.58	2.47	5.51	3.23	3.74	6.85	2.13	0.27	M12	8	1.65-F04	M5	110.63	16.59	6.84
3/4"	3.94	3.25	4xØ0.75	0.64	2.64	5.98	3.54	3.9	6.85	2.28	0.27	M12	8	1.65-F04	M5	168.15	30.25	9.92
1"	4.33	3.5	4xØ0.75	0.7	2.78	6.5	4.13	3.94	9.84	2.94	0.37	M16	10	1.96-F05	M6	247.8	55.75	14.11
1 1/2"	4.92	4.5	4xØ0.86	0.83	4.09	7.48	5.04	4.84	12.64	3.9	0.61	M20	14	1.96-F05	M6	429.23	150.39	25.58
2"	5.91	5	8xØ0.75	0.91	3.54	8.5	5.51	5.24	12.64	4.29	0.65	M20	14	1.96-F05	M6	601.8	260.41	31.75
3"	7.48	6.63	8xØ0.86	1.14	4.8	11.1	7.4	6.57	15	5.91	0.81	M24	18	2.75-F07	M8	1389.45	754.11	70.56
4"	9.06	7.87	8xØ0.86	1.27	5.04	12.01	9.25	7.32	24.02	6.57	0.73	M24	18	4.01-F10	M10	3309.9	1178.31	115.54
6"	11.02	10.63	12xØ0.86	1.46	7.89	15.87	12.68	-	-	9.65	1.48	M42	30	4.92-F12	M12	8673	3172.95	240.35