

AP60CS - AP60SS

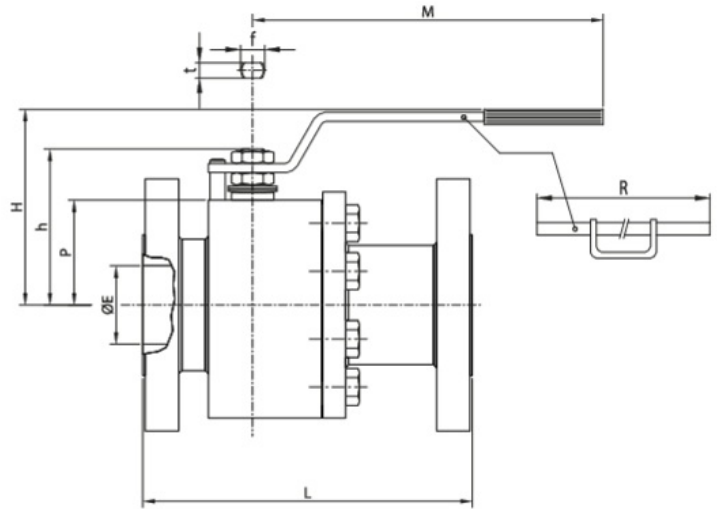
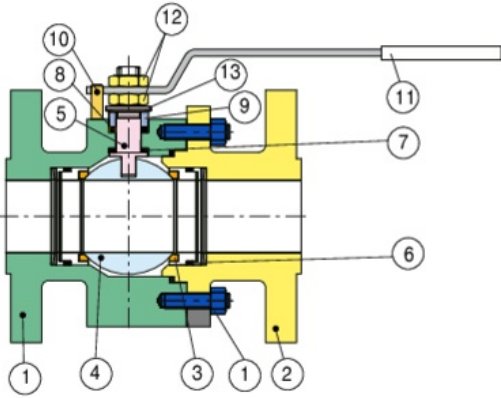
FLANGED BALL VALVES ANSI 300

Metal seated floating ball valves, **bi-directional**.

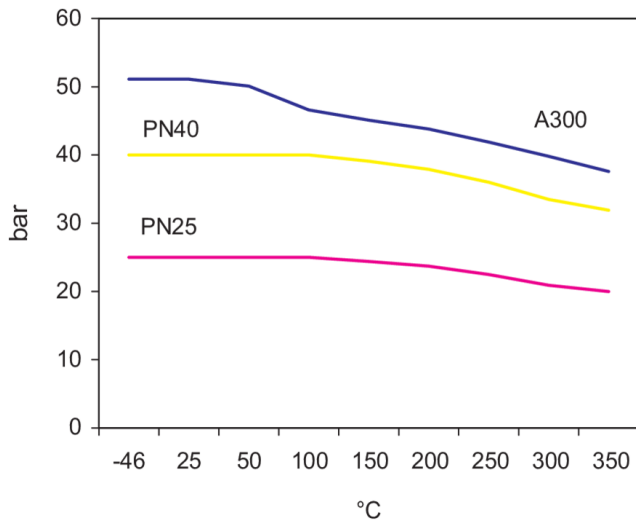
- 2-piece bolted body from barstock.
- Temperature range carbon steel valve: -20°F ÷ +662°F.
- Temperature range stainless steel valve: -40°F ÷ +662°F.
- Blow-out proof stem.
- PENTAFITE standard ball seats, other metal seats on request.
- For high temperature clean services.
- API 598 Bubble Tight (Exceed ANSI B16.104/ FCI 70-2 CL.VI.)
- Adjustable, live-loaded graphite packing.
- API 598 Inspection and testing
- 100 mm stem elongation on request.
- API 607 fire tested.
- Locking device for lever operator available on request.
- NACE MR01-75 compliant materials.

NEW

Technical specifications



Ratings



POSITION	PART NAME	MATERIAL	N.° PIECES
1	BODY/CONNECTOR BOLTS	F316 - A105	1
2	END CAP	F316 - A105	1
3	SEAT	PENTAFITE-WC-ST6-CRC-LIVE LOADED PEEK	2
4	BALL	F316 - A105	1
4	BALL COATING	HARD CHROMIUM NITRIDES (HCR) HVOF TUNGSTEN CARBIDES (WC) HVOF STELLITE GR.6 (ST6) HVOF CHROME CARBIDES (CRC)	1
5	STEM	17-4 PH	1
6	SEAL BODY	GRAPHITE	1
7	PRIMARY STEM SEAL	GRAPHITE	1
8	SECONDARY STEM SEAL	GRAPHITE	1
9	GLAND BOLT	304 SST	1
10	STOP PLATE	304 SST	1
11	HANDLE	CARBON ST. - S.S.	1
12	STEM NUTS	A193-B8 - A193-B7	2
13	STEM SPRING 1	304SS	-

SIZE	E	L	H	H	P	M	R	F/T	S	ISO 5211	BREAK TORQUE IN-LBS PENTAFITE SEATS	CV	WEIGHT LBS
1/2"	0.55	5.50	2.52	2.05	1.3	5.71	-	0.39/0.24	0.21	F03	221	27	6.61
3/4"	0.75	6.00	2.6	2.17	1.42	5.71	-	0.39/0.24	0.21	F03	310	59	8.82
1"	0.94	6.50	3.35	2.76	1.69	7.09	-	0.47/0.31	0.33	F03	363	113	13.23
1 1/4"	1.14	7.00	3.54	2.87	1.89	7.09	-	0.47/0.31	0.33	F03	665	147	17.64
1 1/2"	1.49	7.50	4.65	3.78	2.48	10.83	-	0.63/0.39	0.37	F05	814	274	29.76
2"	2.00	8.50	5.04	4.06	2.7	10.83	-	0.63/0.39	0.41	F05	1177	488	41.89
2 1/2"	2.51	9.50	5.47	4.8	3.23	14.96	-	0.86/0.55	0.51	F07	2549	835	55.12
3"	2.99	11.12	5.67	5.04	3.48	14.96	-	0.86/0.55	0.51	F07	3009	1200	88.18
4"	4.01	12.00	7.87	6.18	4.37	17.32	19.69	1.18/0.70	0.67	F10	4090	2139	139.89