



## AP20PCS - AP20PSS

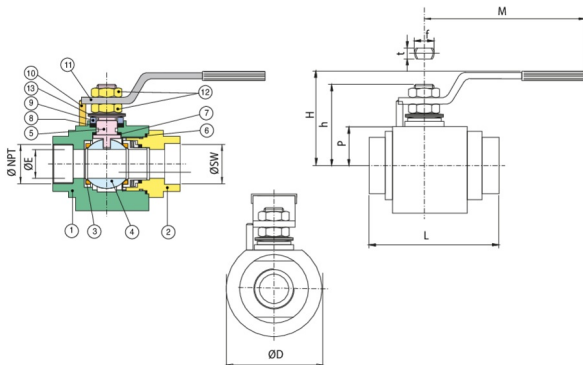
### 2 PIECES SCREWED HIGH TEMPERATURE

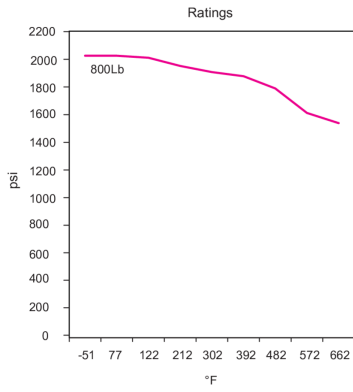
Metal seated floating ball valves, CLASS 800 **bi-directional**.

- 2-piece screwed body from barstock.
- Temperature range carbon steel valve -20°F to +662°F.
- Temperature range stainless steel valve -40°F to +662°F.
- Blow-out proof stem.
- PENTAFITE standard ball seats, other metal seats on request.
- API 598 Bubble Tight (Exceed ANSI B16.104/FCI70-2 CL.VI).
- Consult factory for temperatures between -50°F and 750°F.
- Adjustable, live-loaded graphite packing.
- NPT threaded female Std, SW on request.
- NACE MR01-75 compliant materials.
- 100 mm stem elongation on request.
- Butt welding ends with integral nipples available on request.
- Locking lever operator available on request.

**NEW**

## Technical specifications





POSITION	PART NAME	MATERIAL	N.° PIECES
1	BODY	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	304SS	2
13	STEM SPRING	UNS S30100	1

SIZE	DN	ØE	L(NPT)	L(SW)	L(BW)	ØD	M	H	H	P	F/T	ISO 5211	CV	TORQUE IN-LBS PENTAFITE SEATS	WEIGHT LBS
1/2"	15	12.5	80	70	270	58	145	70	50	24	10/6	F03	30	464	1.2
3/4"	20	19	90	85	285	64	145	75	53	27	10/6	F03	64	653	1.5
1"	25	24	110	105	305	78	275	83	63	32	16/10	F05	120	740	2.5
1 1/2"	40	38	130	125	325	104	380	123	91.5	42	22/14	F07	247	2234	5.3
2"	50	51	155	140	350	138	380	120	102	61	22/14	F07	510	3336	11.5