

FLOATING BALL VALVE / 1800



CLASS 150/300/600
DN50 → DN600

PRODUCTION STANDARDS

DESIGN	API 6D / ASME B16.34
END CONNECTION	ASME B16.5
FACE TO FACE	API 6D / ASME B16.10
PRESSURE TEST	API 6D / API 598
FIRE TEST	API 607 / ISO 10497
MARKING	API 6D

FEATURES

- FAF 1800, floating type ball valve is operating by a ball having a hole with the same size as the flow section, through the help of the stem, rotating quarter turn (90 degree) between teflon seats fixed to the body where the ball to be parallel or perpendicular to the flow axis
- Designed and manufactured according to ANSI standard
- Can be installed bidirectional
- The well accordance of teflon material with various flow types and its resistance to higher temperatures enables it to be used in wide range of applications
- It has stainless steel ball, body material can be manufactured in cast steel or forged steel
- Designed as fire safe, tested according to standards by exposing to fire conditions
- Through its antistatic feature, the arc possibility between valve parts are prevented
- It is appropriate to be used in fully open or fully closed position
- In fully open position, since there is no reduction in flow section, the head loss is nearly zero
- Suitable to install actuator and gearbox

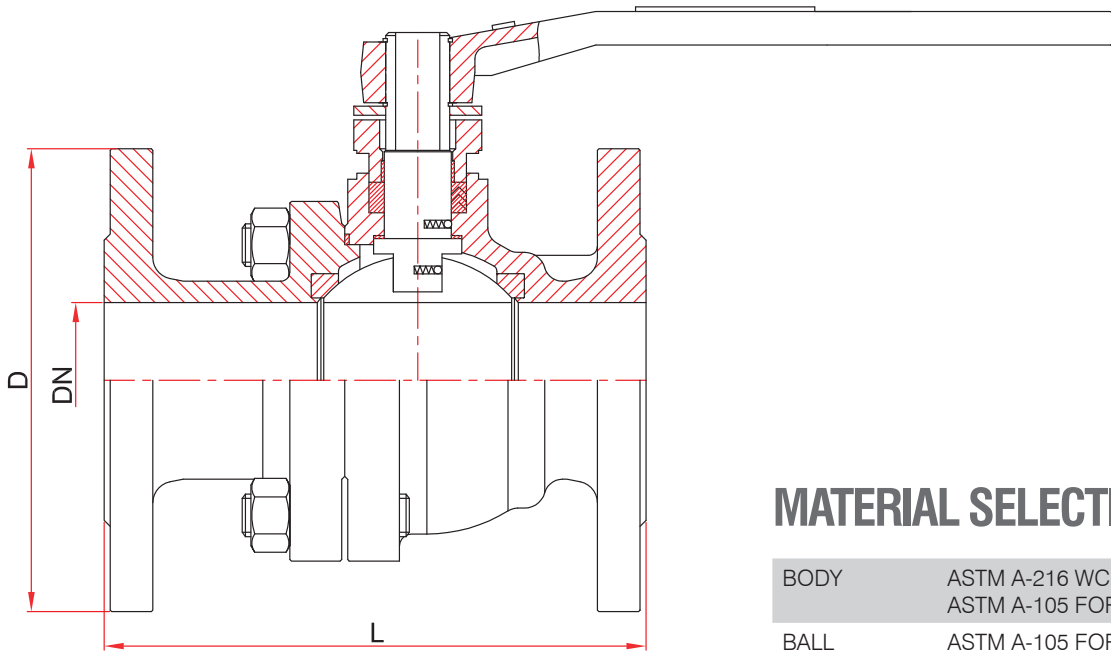
APPLICATIONS

Water Tanks, Food Industry, Storage Tanks

TEMPERATURE

-30, +200 °C

TECHNICAL DRAWING



MATERIAL SELECTION

BODY	ASTM A-216 WCB CAST STEEL ASTM A-105 FORGED STEEL
BALL	ASTM A-105 FORGED STEEL+ENP 1.4301 - AISI 304 STAINLESS STEEL 1.4401 - AISI 316 STAINLESS STEEL
STEM	ASTM A-105 FORGED STEEL+ENP 1.4301 - AISI 304 STAINLESS STEEL 1.4401 - AISI 316 STAINLESS STEEL
SEALING	TEFLON (PTFE) NYLON
COATING	INDUSTRIAL EPOXY

DN	NPS	CLASS 150		CLASS 300		CLASS 600	
		D	L	D	L	D	L
50	2	150	178	165	216	165	292
65	2 1/2	180	191	190	241	190	330
80	3	190	203	210	283	210	356
100	4	230	229	255	305	275	432
150	6	280	394	320	403	355	559
200	8	345	457	380	502	420	660
250	10	405	533	445	568	510	784