

BALL VALVE / 1000 PN 6 - FLANGED



PN 6
DN40 → DN100

PRODUCTION STANDARDS

DESIGN	TS 3148 / DIN3357
END CONNECTION	FLANGED TS EN 1092-2 / ISO 7005-2
FACE TO FACE	TS EN 558 Seri 14 / DIN3202 F4
TEST	TS EN 12266-1
MARKING	TS EN 19 / TS 3148

FEATURES

- FAF 1000, PN6 flanged 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 where the ball to be parallel or perpendicular to the flow axis
- Can be installed bidirectional
- Through the stainless steel belleville spring reinforced teflon (PTFE) seats, %100 tight sealing is achieved in lowest and highest pressure ratings.
- 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 and cast iron body
- Can be installed directly to the pump without any need for additional intermediary parts
- 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
- Can be operated with lower torque Ratings
- Suitable to install actuator and gearbox
- Reduced bore alternative is available.(FAF1050 – Reduced bore PN6 Ball Valve)

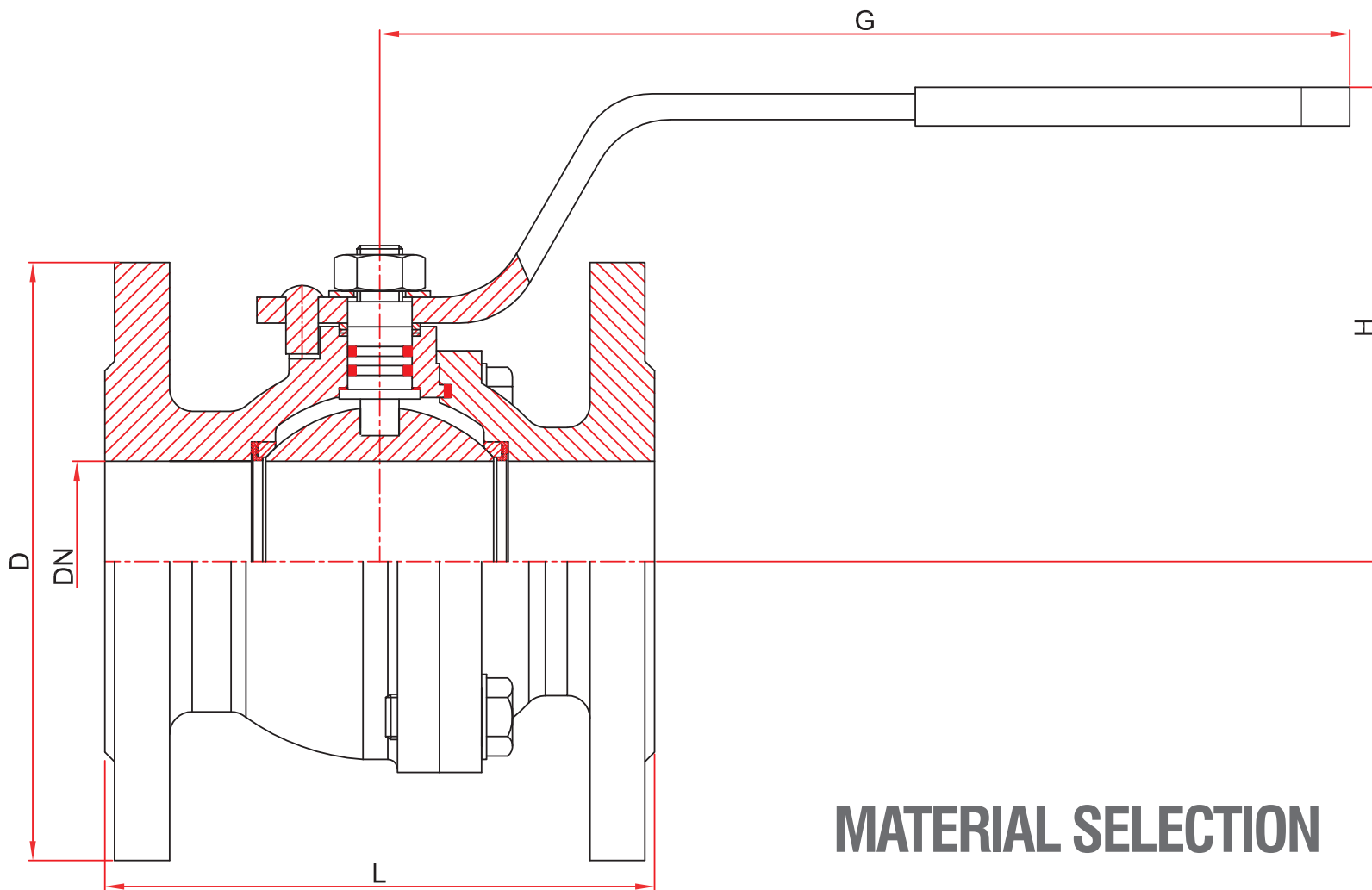
APPLICATIONS

Hot Water, Cold Water, Low Pressure Steam, Fluids without acidity or alkalinity properties

TEMPERATURE

+200 °C

TECHNICAL DRAWING



MATERIAL SELECTION

BODY	EN-GJL-250 CAST IRON (GG25)
BALL	1.4086 - STAINLESS STEEL 1.4016 - STAINLESS STEEL 1.4301 - AISI 304 STAINLESS STEEL 1.4401 - AISI 316 STAINLESS STEEL
STEM	1.4021 - AISI 420 STAINLESS STEEL 1.4301 - AISI 304 STAINLESS STEEL 1.4401 - AISI 316 STAINLESS STEEL
SEALING	TEFLON (PTFE)
COATING	INDUSTRIAL EPOXY

DN	DIMENSION				RATINGS			STUD SIZE	BOLT / NUT QTY	FASTENING MOMENT Nm	WRENCH SIZE (mm)
	Ømm	D	L	H	G	KV m ³ / h	Tork Nm				
40	130	140	125	250	190	12	5,4	M12X50	4X2	85	19
50	140	150	130	300	310	12	6,5	M12X50	4X2	85	19
65	160	170	145	310	600	30	9,6	M12X50	4X2	85	19
80	190	180	155	310	950	35	14,1	M16X60	4X2	205	24
100	210	190	180	310	1630	45	19,1	M16X60	4X2	205	24