

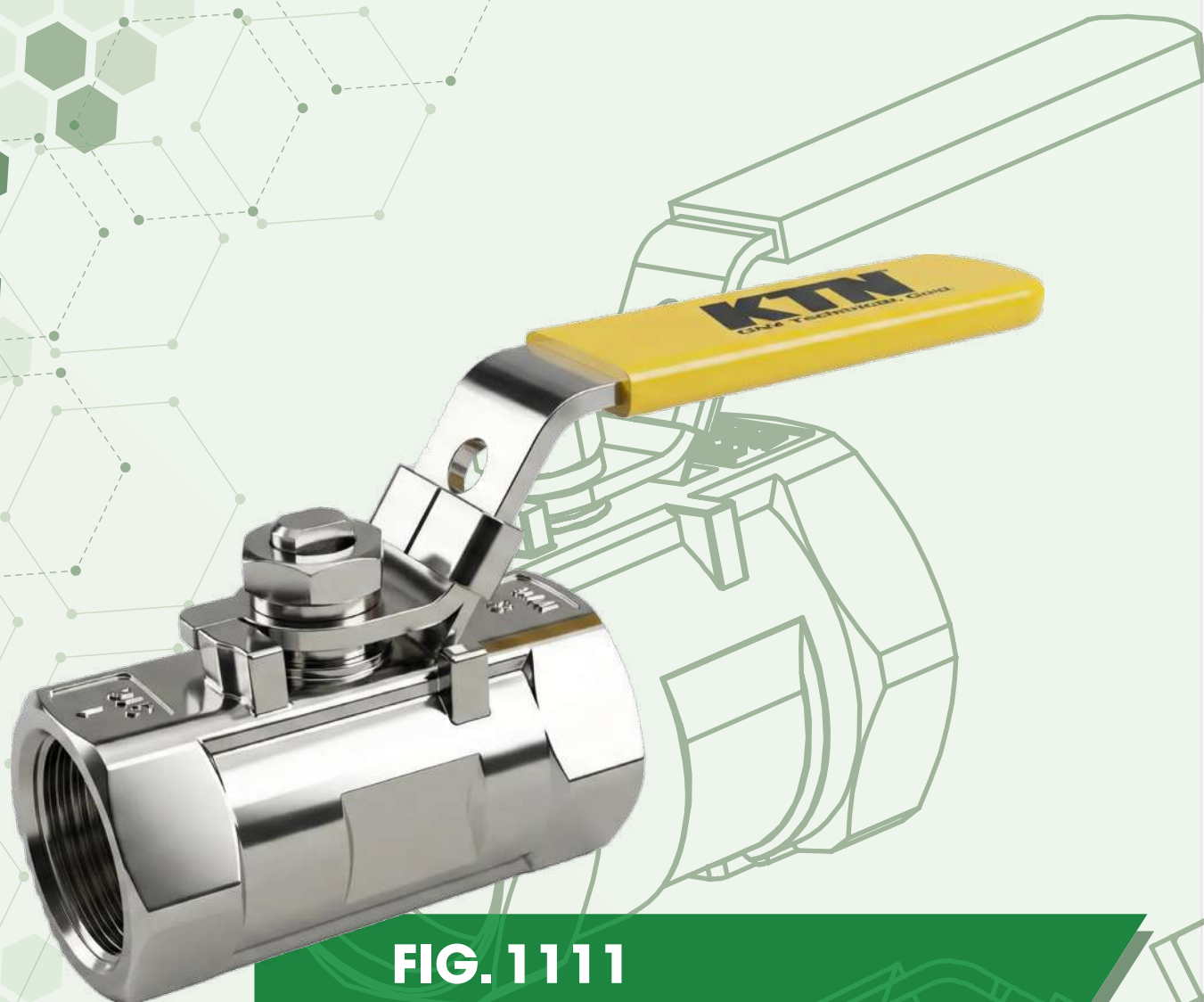


FIG. 1111

1PIECE CAST SS BSPP THREAD BALL VALVE

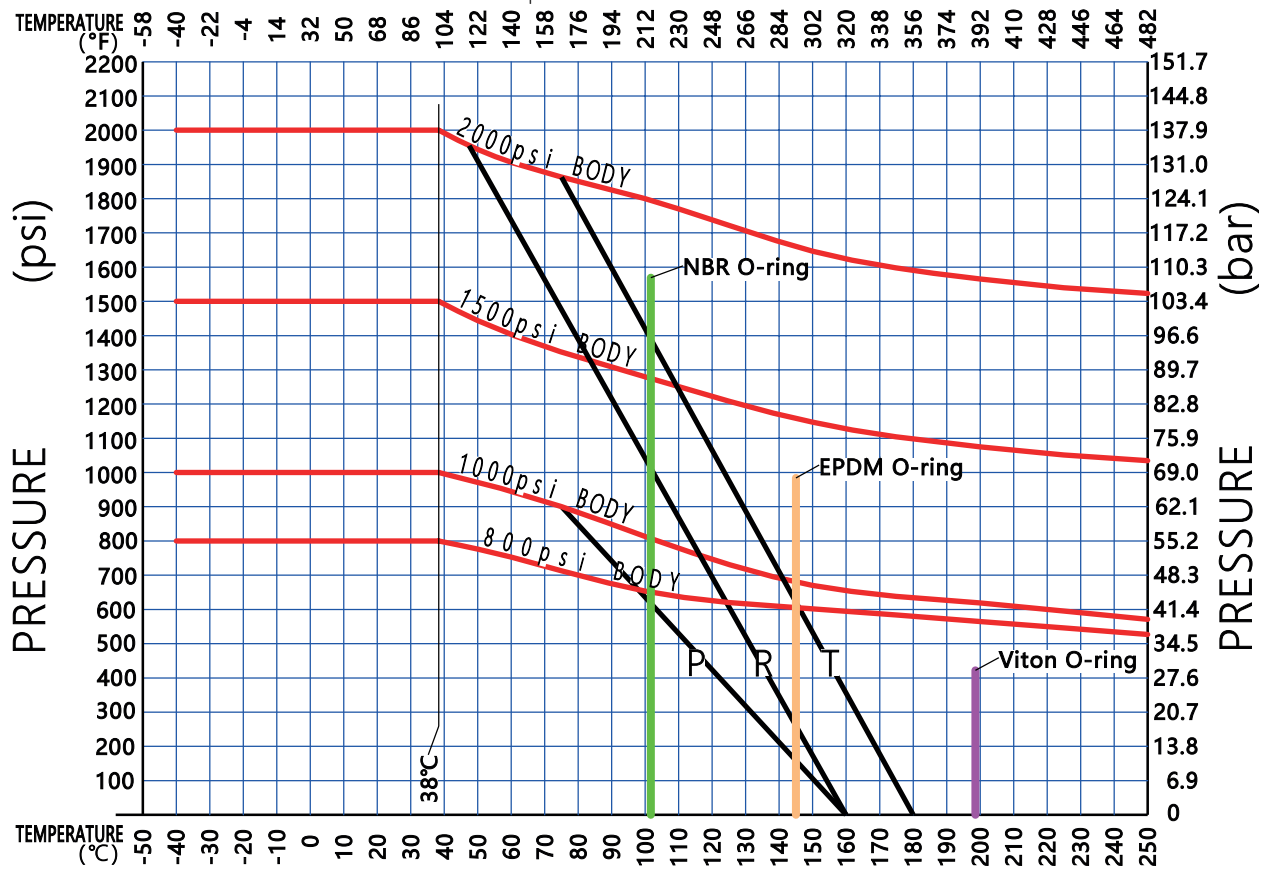
1/4" - 2" | PN63

GD SEAT MATERIAL			
SEAT MATERIAL		PECULIARITY	Tmax
PTFE		High corrosion resistance, good self - lubrication and wear resistance, easy to cold flow.	160℃
RPTFE	PTFE+15%GF	Resistance to creep, low coefficient of friction, resistance to chemical corrosion, good insulation.	180℃
	PTFE+15%CF	High strength, high temperature resistance, wear resistance, small coefficient of thermal expansion.	180℃
	TFM1600	Under high temperature and high pressure, shape denaturation is smaller, permeability is smaller, pressure recovery is better under high temperature, corrosion resistance is high.	180℃
	TFM4215	Smaller deformation and permeability under high temperature and high pressure, better stress recovery under high temperature, excellent heat resistance and chemical resistance, low friction coefficient.	180℃
PPL		High temperature resistance, high strength, radiation resistance, chemical corrosion resistance, good self-lubrication performance.	220℃
PEEK		High temperature, high pressure, high strength, chemical resistance to PTFE.	260℃

CF8/CF8M

2019-1.1

Pressure and temperature curve for seals

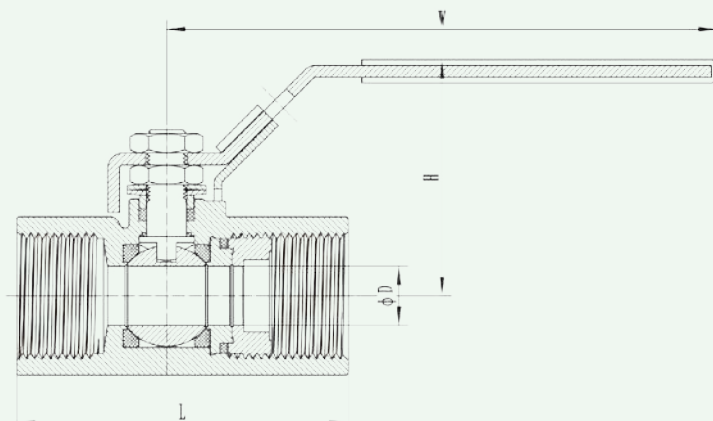
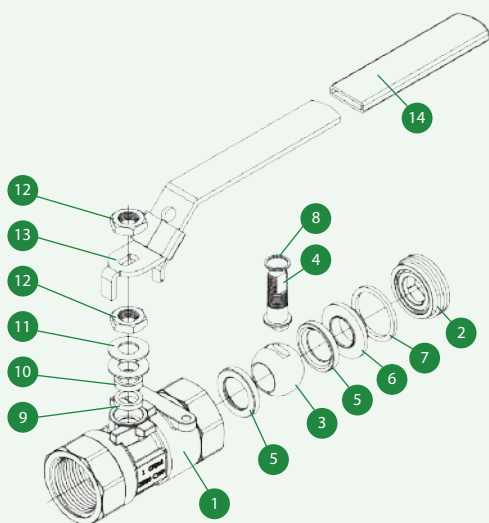


P-PTFE | R-PTFE+15% GLASS FIBER | T-PTFE+15% CARBON FIBER

The data is only for your reference. The performance may be affected under different work situations.

KTN 1111

CAST STAINLESS STEEL 1 PCS WAFER BALL VALVE



STANDARD SPECIFICATION

1. Design: API 608
2. Rating: 2000 PSI
3. Thread: ASME B1.20.1, BS21, DIN2999/259, ISO 228-1, JIS B 0203, ISO7-1
4. Inspection: API598, EN12266

DESIGN FEATURES

1. Full bore
2. Blow-out proof stem
3. Fire-proof
4. High pressure
5. ATEX

PART DRAWING

Nº	Parts Name	Material	
1	Body	CF8M	CF8
2	Cap	CF8M	CF8
3	Ball	F316	F304
4	Stem	F316	F304
5	Seat	PTFE/RPTFE	PTFE/RPTFE
6	Seat gland	316	304
7	Cap gasket	Flexible graphite	Flexible graphite
8	Gasket	PTFE	PTFE
9	Stem packing	Flexible graphite	Flexible graphite
10	Packing gland	304	304
11	Spring washer	SS301	SS301
12	Thin nut	A2-70	A2-70
13	Handle	304	304
14	Handle cover	PVC	PVC

MEASURES

NPS	D	H	W	L	Weight (Kg)	Torque (N.m)
1/4"	9.2	46	110	60	0.06	3
3/8"	9.2	46	110	60	0.1	3
1/2"	9.2	46	110	67	0.16	3
3/4"	12.5	50	110	71	0.25	4.5
1"	15	60	140	84	0.36	5
1 1/4"	20	65	140	94	0.6	7
1 1/2"	25	72	160	100	0.8	8
2"	32	78	160	118	1.31	16