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Kara Technology News

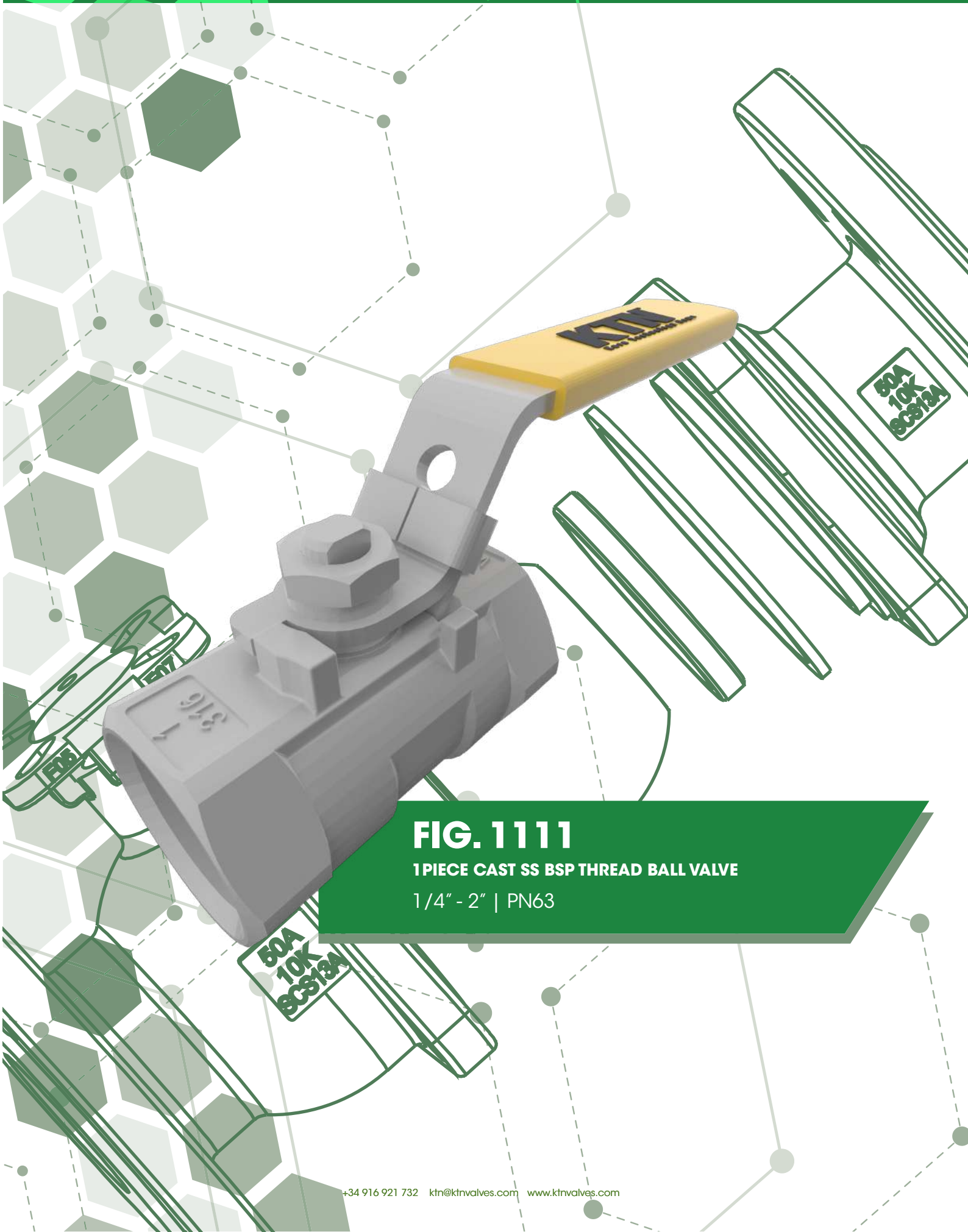


FIG. 1111

1PIECE CAST SS BSP THREAD BALL VALVE

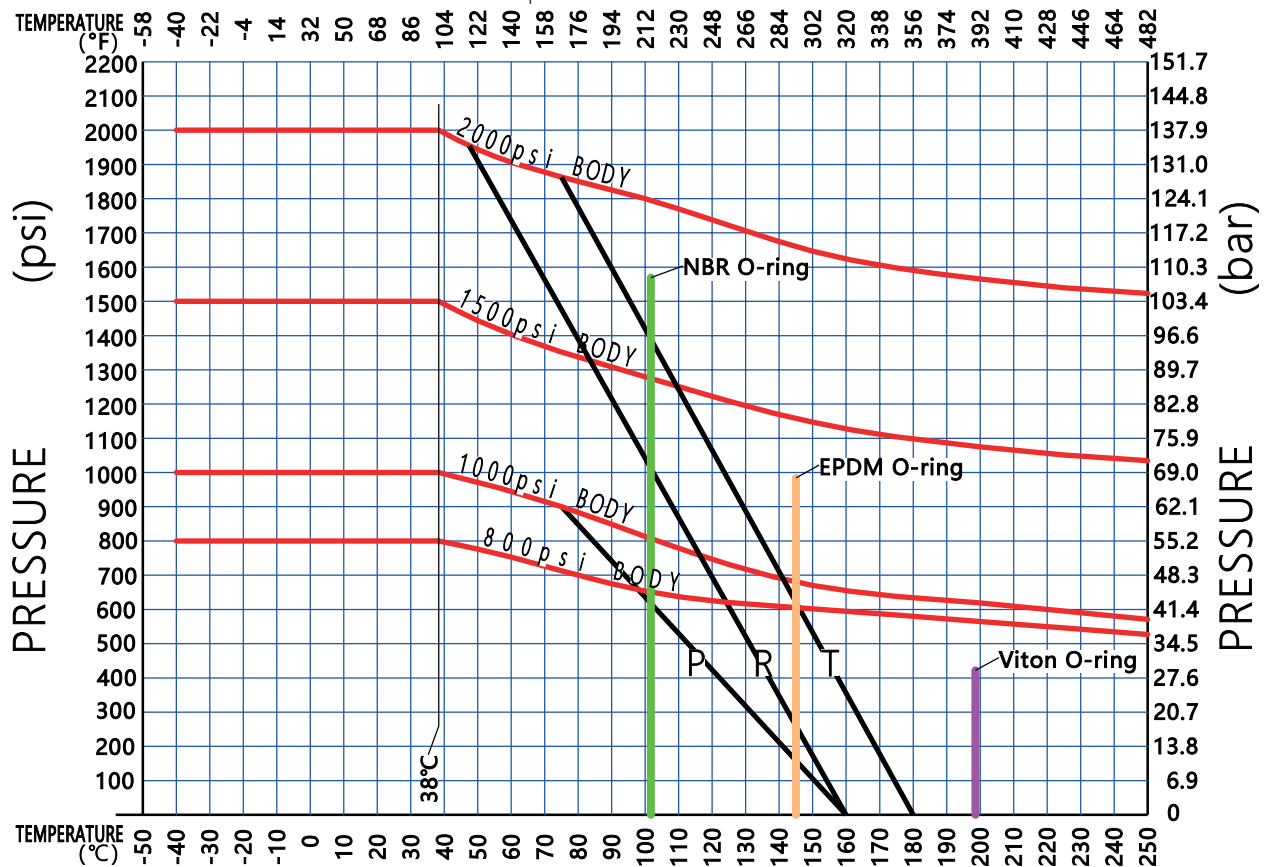
1/4" - 2" | PN63

GD SEAT MATERIAL		
SEAT MATERIAL	PECULIARITY	Tmax
PTFE	High corrosion resistance, good self-lubrication and wear resistance, easy to cold flow.	160°C
RPTFE	PTFE+15%GF	Resistance to creep, low coefficient of friction, resistance to chemical corrosion, good insulation.
	PTFE+15%CF	High strength, high temperature resistance, wear resistance, small coefficient of thermal expansion.
	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.
	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.
PPL	High temperature resistance, high strength, radiation resistance, chemical corrosion resistance, good self-lubrication performance.	220°C
PEEK	High temperature, high pressure, high strength, chemical resistance to PTFE.	260°C

CF8/CF8M

2019-1.1

Pressure and temperature curve for seals

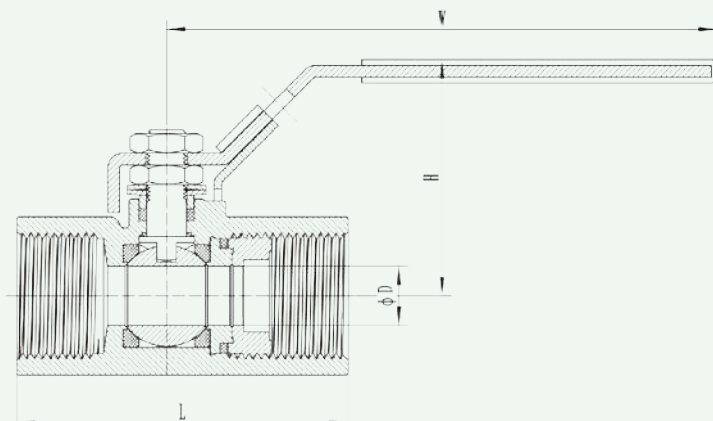
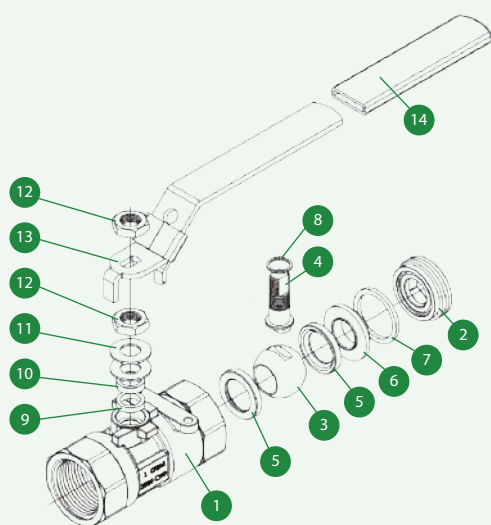


P-PTFE | R-PTFE+15% GLASS FIBER | T-PTFE+15% CARBON FIBER

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

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