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No. 08190322KTN.UU45

KTN
Kara Technology News

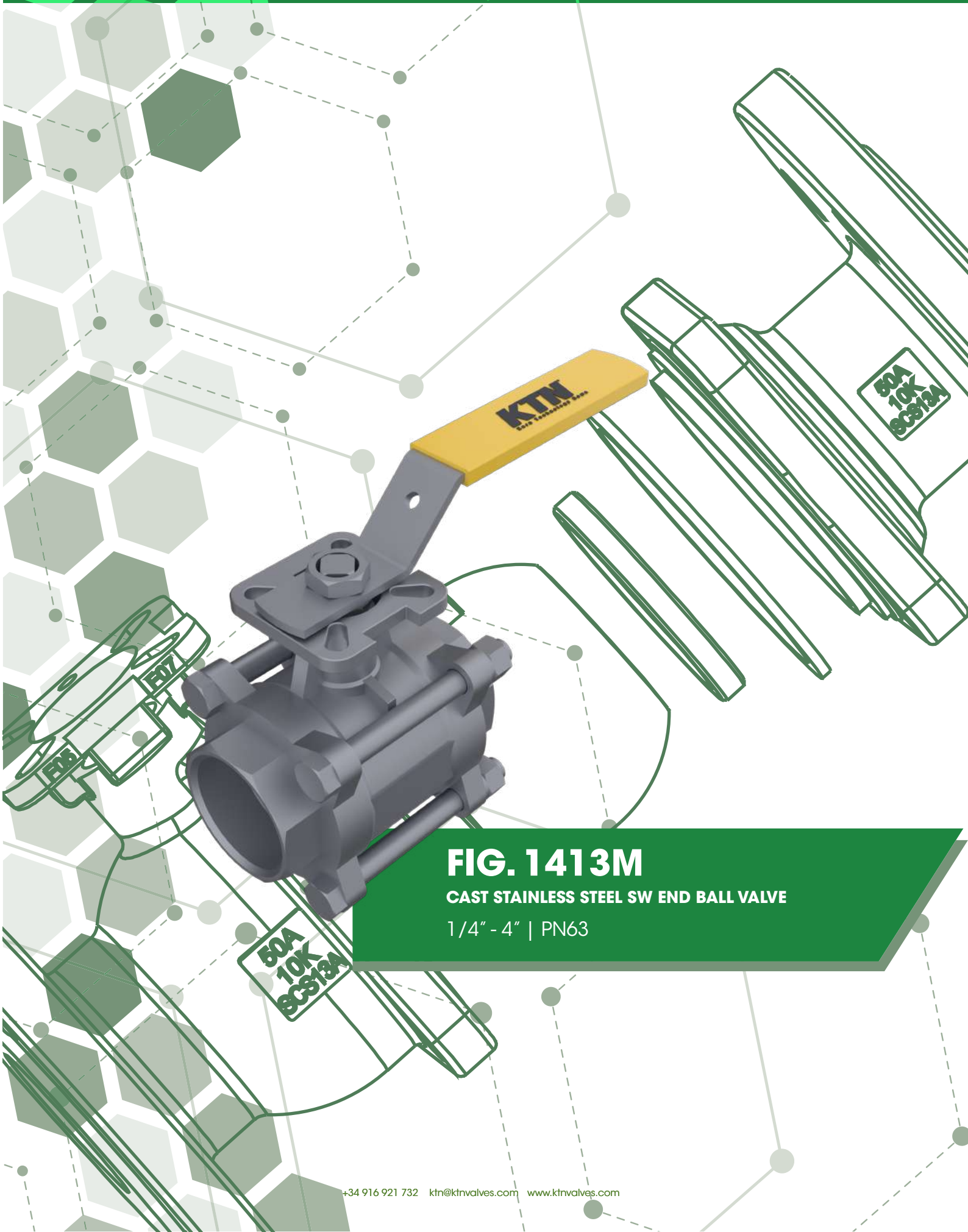


FIG. 1413M

CAST STAINLESS STEEL SW END BALL VALVE

1/4" - 4" | PN63

KTN 1413M

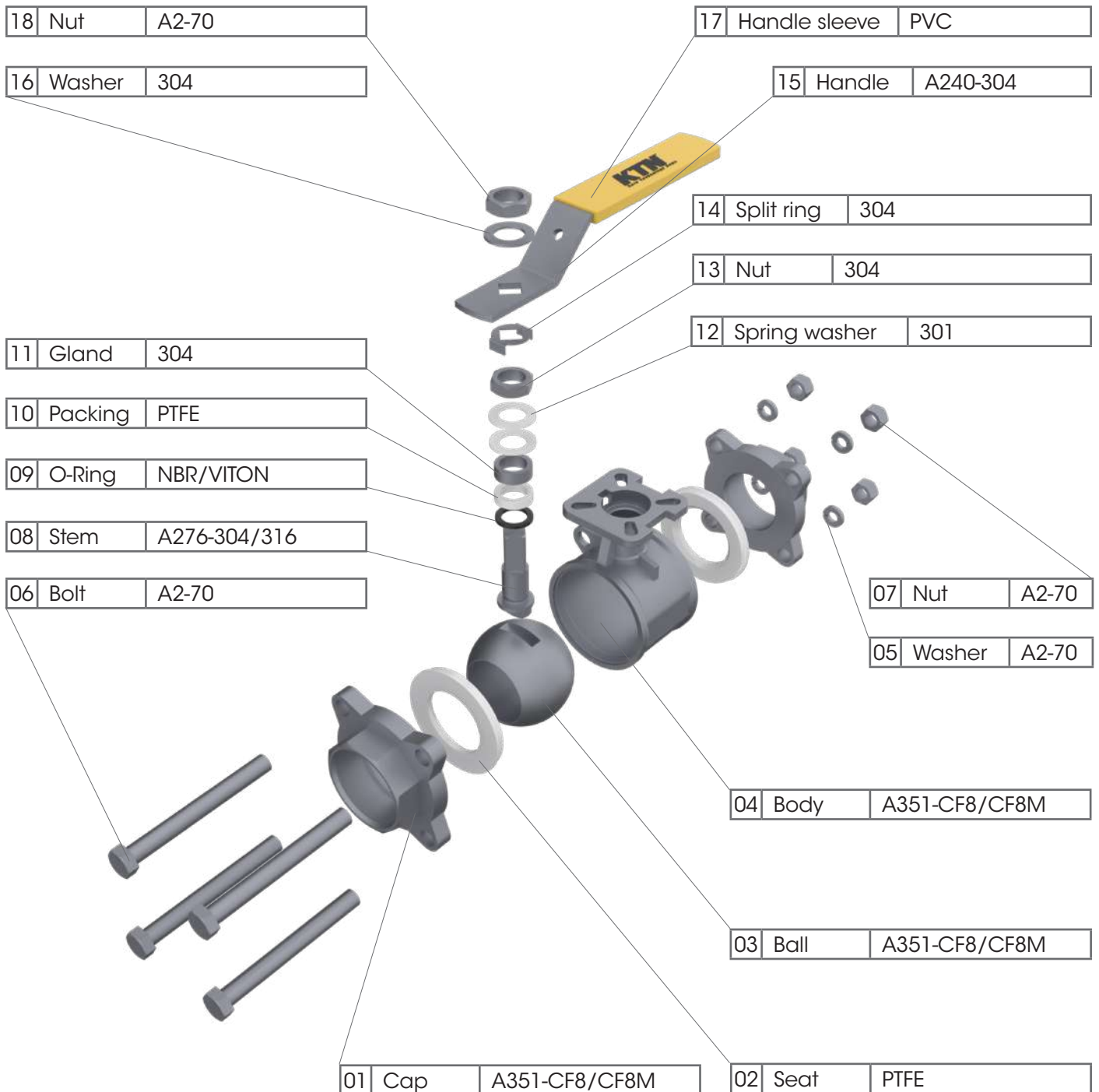
CAST STAINLESS STEEL 3PCS WELDABLE SW BALL VALVE WITH MOUNTING PAD

STANDARD SPECIFICATION

1. Design: ASME B16.34
2. Rating: 1000 psi
3. Ends: ASME B16.11
4. Inspection: API598, EN12266

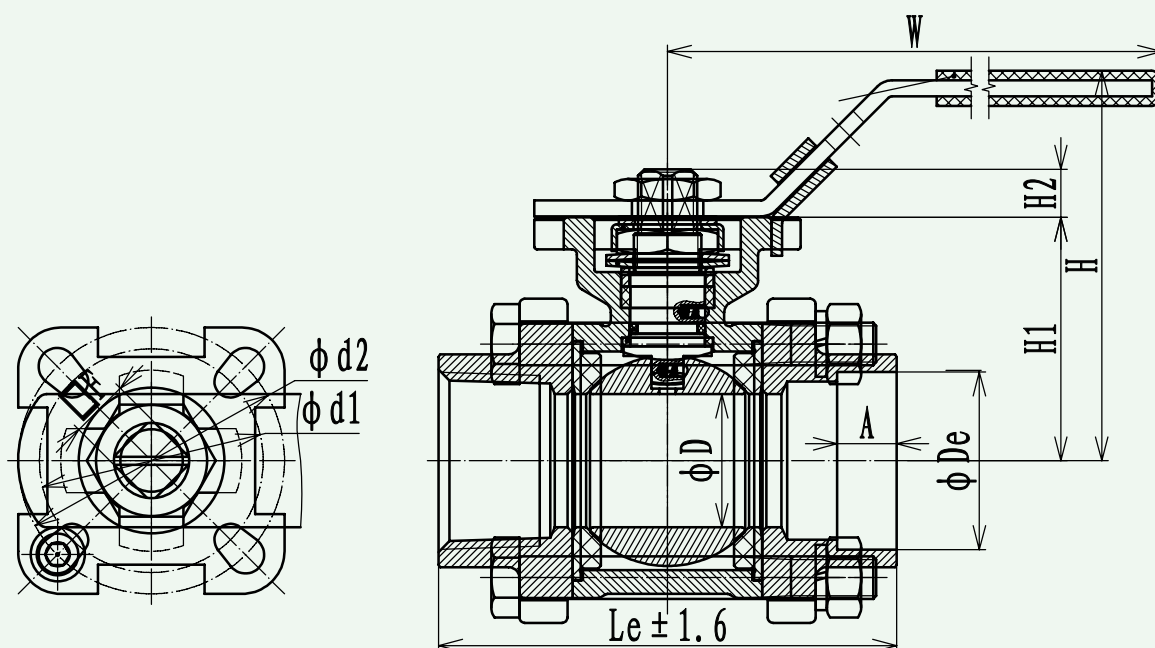
DESIGN FEATURES

1. Full bore
2. Blow-out proof stem
3. Antistatic device



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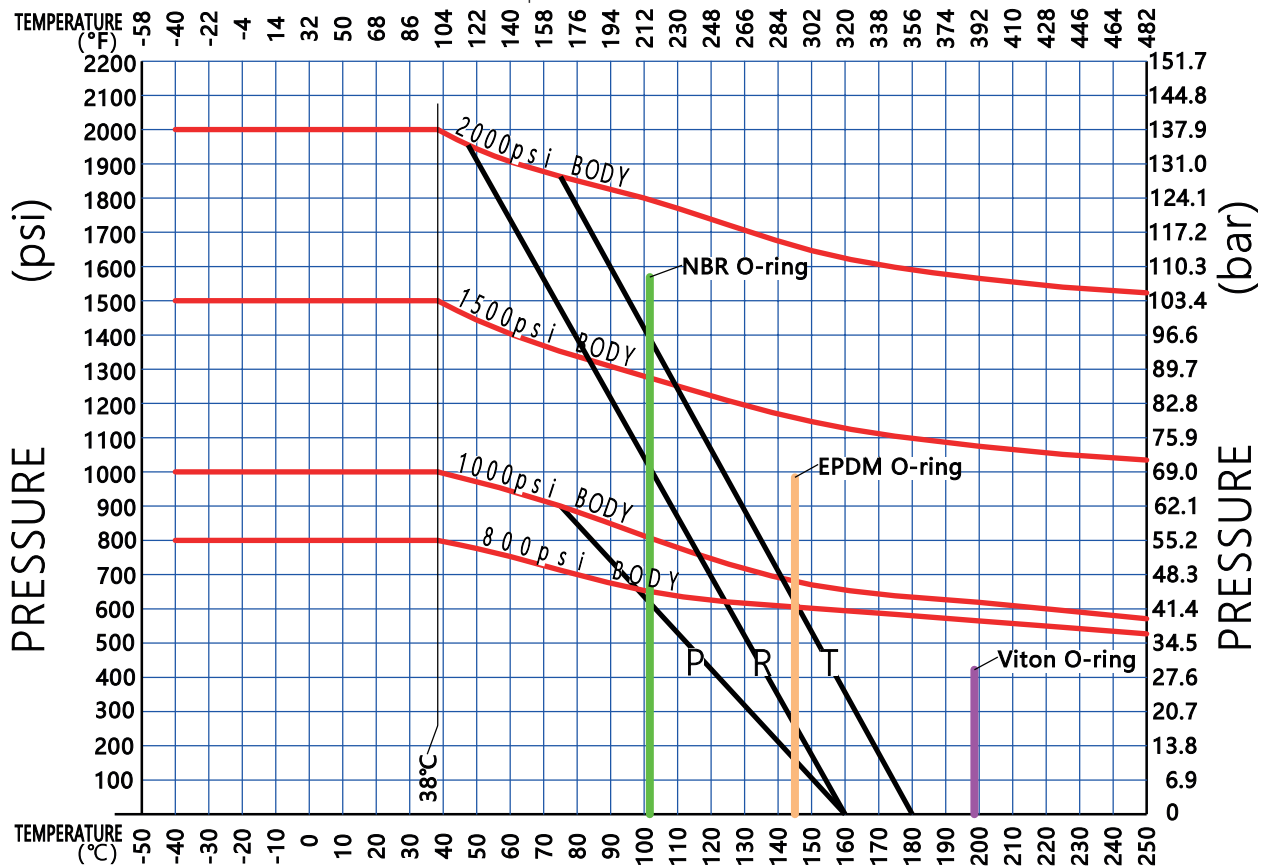
MEASURES																	
NPS	W	H	H1	H2	[] F	L	D	d1	d2	ISO 5211	BW		SW			TORQUE (N.M)	WEIGHT (Kg)
											Db	Lb	De	Le	A		
1/4"	141	72	37	9	9	66	9.7	36	42	F03/ F04	15.2	61	14.1	66	10	-	0.3
3/8"	141	72	37	9	9	66	12.5	36	42	F03/ F04	17.2	61	17.6	66	10	-	0.3
1/2"	141	75	38	9	9	73	15	36	42	F03/ F04	22.5	63	21.7	73	13	5	0.51
3/4"	141	81	42.5	9.5	9	82	20	36	42	F03/ F04	27.5	78	27.1	82	13	7	0.73
1"	162	93	45.5	9.5	9	86	25	42	50	F04/ F05	34	87	3.8	86	13	10	0.91
1 1/4"	162	98	52	9.5	9	107	32	42	50	F04/ F05	43	106	42.6	107	13	16	1.56
1 1/2"	187	109	60	11.5	11	115.5	38	50	70	F05/ F07	50	116.5	48.7	115.5	13	22	1.86
2"	187	124	69.5	11.5	11	135	50	50	70	F05/ F07	62	136.5	61.1	135	16	27	2.98
1 1/2"	233	156	102	20	17	170	65	70	102	F07/ F10	77	170	-	-	-	49	6.65
3"	233	165	111	20	17	186	76	70	102	F07/ F10	90	192	-	-	-	83	10.1
4"	323	186	127.5	21	22	226	94	70	102	F07/ F10	115	244	-	-	-	115	17.8

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.