

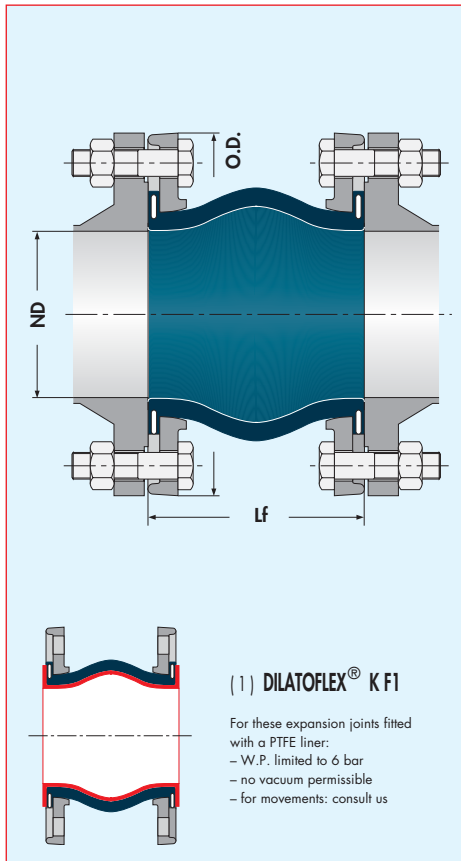
TECHNICAL DATA												
Nominal Diameter	Designation BSP conical Threading (NF EN 10226)	O.D.	L'	L	Max. permissible pressure (bar) (1)	Max. permissible vacuum (% vacuum)	Max. Permissible Movements (not concurrent)			Axial stiffness zero pressure in daN for 1cm axial movement	Approximate weight/Kg	
							Axial Compression (mm)	Axial Elongation (mm)	Lateral Shearing (mm)			
20	R 3/4" * (20 x 27)	50	160	220	12	100	15	8	10	3	50	0.450
25	R 1" * (26 x 34)	55	160	220	9	100	15	8	10	4	60	0.550
32	R 1 1/4" * (33 x 42)	66	160	230	9	100	15	8	10	9	95	0.800
40	R 1 1/2" * (40 x 49)	94	160	230	7	70	10	10	6	13	130	0.950
50	R 2" * (50 x 60)	105	210	290	7	70	30	30	15	42	40	1.500

(1) DW grade = max. operating capabilities are W.P. 8 bar at +105 °C.

DILATOFLEX® K

For expansion joints DILATOFLEX® K
 - KP type (W.P. 25 bar and W.T. +55 °C max.)
 - KT type (fitted with integrated tie bars)
 refer to our technical specifications.

AUTOSTABLE



TECHNICAL DATA															
Nominal Diameter	NPS	Manufactured length (Lf in mm)	Flange O.D. (O.D. in mm)	Drilling Standards			Max. W.P. (1) + (2) bar	Steel ring required for vacuum greater than % vacuum (1)	Max. Permissible Movements (1) (not concurrent)				Equilibrium Lq (in mm) AUTOSTABLE : reaction force = 0 daN	Approximate weight/Kg (steel flanges PN10 / PN16) (3)	
				PN 10	PN 16	Class 150 (PN 20)			Axial Compression (mm)	Axial Elongation (mm)	Lateral Shearing (mm)	Angular Deflection (°)			
32	1 1/4	130	140 120	X	X	X	16	10	—	25	10	15	20	130	3.0
40	1 1/2	130	150 130	X	X	X X	16	10	—	25	10	15	20	130	3.4
50	2	130	165	X	X	X	16	10	0.3	25	10	15	20	130	4.0
65	2 1/2	130	185	X	X	X	16	10	0.3	25	10	15	20	130	4.7
80	3	130	200	X	X	X	16	10	0.3	25	10	15	17	130	5.0
100	4	130	220 229	X	X	X	16	10	0.3	25	10	15	14	135	6.2
125	5	130	250	X	X	X	16	10	0.3	25	15	15	14	140	7.7
150	6	130	285	X	X	X	16	10	0.3	20	15	15	10	140	10.0
200	8	130	340	X	X		16	10	0.3	20	20	15	10	145	12.2
250	10	130	405	X	X	X	16	10	0.3	15	25	15	8	150	16.7
300	12	130	445 460 485	X	X	X	16	10	0.3	15	30	15	7	155	20.0

(2) DW grade: W.P. 12 bar at +105 °C max. for the whole range.

(3) Floating flanges in zinc-chromated, galvanised, stainless steel.