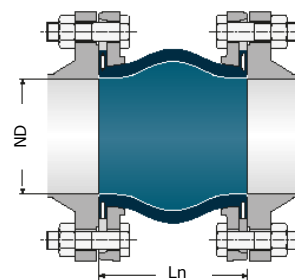


DILATOFLEX®

DILATOFLEX® K



Nominal Diameter	Nominal Length*	Drilling Standards ⁽¹⁾			Max. W.P. (**) ⁽²⁾⁽³⁾	Steel Ring Required for Vacuum Greater than ...% Vacuum	Max. Permissible Movements (maximum values do not apply simultaneously)				Equilibrium Length at 10 bar	AUTOSTABLE: Reaction Force=0 daN	Approximate Weight (steel flanges PN 10/ PN 16)
		NF EN 1759-1	NF EN 1092-1				Axial Compression	Elongation	Lateral Shearing	Angular Angle			
		Ln (mm)	PN 10	PN 16	PN 20	WP (bar)	Ln-Lc (mm)	Le-Ln (mm)	R (mm)	α° (degree)			
32	1 1/4	130	X		-	16	100%	25	10	15	20	130	3.0
40	1 1/2	130	X		X	16	100%	25	10	15	20	130	3.4
50	2	130	X		X	16	30%	25	10	15	20	130	4.0
65	2 1/2	130	X		X	16	30%	25	10	15	20	130	4.7
80	3	130	X		X	16	30%	25	10	15	17	130	5.0
100	4	130	X		X	16	30%	25	10	15	14	135	6.2
125	5	130	X		X	16	30%	25	15	15	14	140	7.7
150	6	130	X		X	16	30%	20	15	15	10	140	10.0
200	8	130	X	X	X	16	30%	20	20	15	10	145	12.2
250	10	130		X	X	16	30%	15	25	15	8	150	16.7
300	12	130	X	X	X	16	30%	15	30	15	7	155	20.0



(1) Other drillings available (e.g. PN 6, PN 25, BS 10D-E...).

Floating flanges in zinc-chromated, hot-dip galvanized or stainless (304L or 316L) steel.

(2) Limited to the nominal pressure of the used drilling standard.

(3) Particular cases:

DW grade: W.P. 12 bar at +105 °C max. and W.P. 16 bar at +90 °C max.

CC grade: W.P. 10 bar at +110 °C max. and W.P. 16 bar at +90 °C max.

(4) KT type (filled with integrated tie bars)

[**] For these expansion joints fitted with a PTFE liner:

- W.P. limited to 6 bar

- no vacuum permissible

- for movements, consult us.

Inner lining grade and working temperature

CC -35 °C
+90 °C/110 °C

DW -25 °C
+90 °C/105 °C

EPC -25 °C
+95 °C

AR/CN -35 °C
+90 °C

GZ -20 °C
+90 °C

YP -25 °C
+100 °C

AB -35 °C
+100 °C

TE -25 °C
+100 °C

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