

DILATOFLEX®

DILATOFLEX® KT

INTEGRATED TIE RODS - ELONGATION LIMITERS

- Allow small lateral movement
- Fitted with rubber bushings for vibration absorption

Nominal Diameter	Longueur nominale	Drilling Standards ⁽¹⁾	ASME B16.5	Max. W.P. ⁽²⁾	Steel Ring Required for Vacuum Greater than ...%	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)
DN	Ln (mm)	PN 10	PN 16	CL150	PS (bar)	Ln-Lc (mm)	Le-Ln (mm)	R (mm)	α° (degree)			(kg)
32	1 1/4	130	X	-	16	100%	10	10	5	0	130	5.7
40	1 1/2	130	X	X	16	100%	10	10	5	0	130	5.7
50	2	130	X	X	16	30%	10	10	5	0	130	6.3
65	2 1/2	130	X	X	16	30%	10	10	5	0	130	7.3
80	3	130	X	X	16	30%	10	10	5	0	130	8.0
100	4	130	X	X	16	30%	10	10	5	0	135	9.5
125	5	130	X	X	16	30%	10	10	5	0	140	14.7
150	6	130	X	X	16	30%	10	10	5	0	140	17.1
200	8	130	X	X	16	30%	5	10	5	0	145	27

(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.

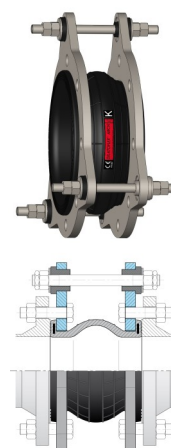
(2) Limited to the nominal pressure of the used drilling standard.

(3) Particular cases:

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

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

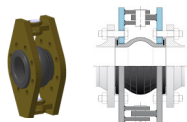
DW inner lining is certified ACS (Attestation de Conformité Sanitaire), WRAS and UBA



OTHER TIE RODS SYSTEMS

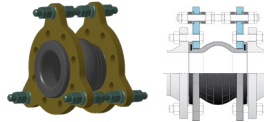
HINGED TIE RODS

For angular movement



LATERAL TIE RODS

For lateral movement



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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