RKG
ENERGIETECHNIK GmbH
Regeltechnik | Kompensatoren | Gebäudeautomation

DILATOFLEX®
range

TYPE OF EXPANSION JOINT			Nominal Diameter ND (mm)	Max permissible pressure (bar)	Drilling standard	Rubber grades: CC DW EPC ES AR CN GZ HH YP AB TE F1
KLEDIL®			20 up to 50	12 up to 7	BSP conical threading	■ ■ □ ■
DILATOFLEX®		K	32 up to 300	16 12 6	Floating flanges	■ □ ■ ■ □ ■ □ ■ □ ■ □ ■ □ ■ □
		KP	32 up to 300	25	Floating flanges *(1)*	■ ■ ■ ■
		KT	32 up to 300	16 12 6	Flanges with integrated tie-rods	■ □ ■ ■ □ ■ □ ■ □ ■ □ ■ □ ■ □
		NT	20 up to 32	12	Steel backing flanges	■ ■ ■ ■ ■ ■ ■
		NT1	40 up to 450	16	Steel backing flanges	■ ■ □ ■ ■ ■ ■ ■
		NT2	250 up to 450	16	Steel backing flanges	■ ■ □ ■ ■ ■ ■ ■
		N	500 up to 3000	≥ 10	Steel backing flanges	■ ■ ■ ■ ■ ■ ■ ■
		M MD MS MA MB	500 up to 2600	8 up to 4	Steel backing flanges	■ ■ ■ ■ ■ ■ ■ ■

(1) KP type is available with integrated tie rods, please consult us.

LINING GRADE DESIGNATION and CORRESPONDING LABEL's COLORS	TYPICAL APPLICATIONS	W.T. (WORKING TEMPERATURE) MIN.	MAX.
CC Green label	Central heating and air conditioning water	- 35 °C	+ 90 / 110 °C
DW Blue label	Drinking water Domestic cold and hot water	- 25 °C	+ 105 °C
EPC Cream label	Food products Drinking water Domestic cold and hot water	- 25 °C	+ 95 °C
ES Steel carcass	Superheated water Water vapour	- 35 °C	+ 140 °C
AR / CN Red label	Abrasive or corrosive products (weak acids and bases) Industrial water – Sea water Low-temperature water vapour	- 35 °C	+ 90 °C
GZ Orange label	Gas –Compressed air Fuel – Oil Petroleum products with aromatic content <40% Sanitation water	- 20 °C	+ 90 °C
HH Blue label	Industrial and waste water Hydrogen gas, nitrogen	- 20 °C	+ 90 °C
YP Yellow label	Strong acids and bases Aggressive chemicals	- 25 °C	+ 100 °C
AB Grey label	Strong acids and bases Weak chlorinated products	- 35 °C	+ 100 °C
TE Mauve label	Industrial water Acidulated water Diluted acids and bases	- 25 °C	+ 100 °C
F1 White label	Special highly aggressive products PTFE liner *(working pressure limited to 6 bar max.)*	- 35 °C	+ 110 °C

Technical Information
AFD-TI- 105/1 from 2008 - 05 - 07

We reserve the right to change our products' specifications when necessary without notice.

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