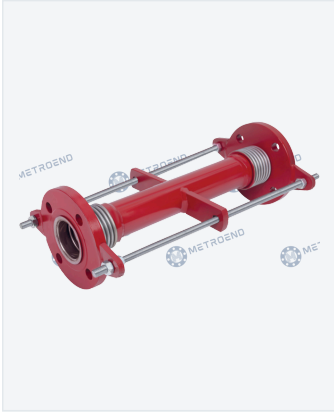


DILATATION EXPANSION JOINTS WITH LIMIT ROD

DILATATION EXPANSION JOINT FLANGED WITH LIMITING ROD

MTE-510



TECHNICAL DATA

Connection	Rotary Flanged - Döner Flanş
Design standard	EN 13445, EN 13480, EN 14917; ASME VIII, div.I, ASME B31.3; ASME B31.1, EJMA
Working pressure	PN16 (Optional / Opsiyonel; PN25, PN40)
Working temperature	-80/+427°C (Optional / Opsiyonel; -80/+1100°C)
Nominal diameter	DN 25 (1") - DN 5000 (200")
Bellows material	AISI 304 Stainless Steel - Paslanmaz Çelik (Optional / Opsiyonel; AISI 316L/316Ti/321)
Connection material	ST37.2 Carbon Steel - Karbon Çelik (Optional / Opsiyonel; AISI 316L/316Ti/321)

WHAT IT DOES

Limited-rotation expansion compensators are mechanical components designed to dampen lateral and axial movements that may occur in pipelines as a result of building settlement, ground movements, or seismic activities such as earthquakes. They are typically manufactured by connecting two metal bellows with an intermediate pipe (double-bellows design). This special design has the ability to absorb much greater amounts of lateral displacement and triaxial movement along the pipeline compared to standard single-bellows compensators.

This text is taken from the company's printed catalog and applies to the entire product family.

DIMENSION TABLE

MTE-510-25

MTE-510-50

MTE-510-75

MTE-510-100

Size / Ölçü	Ødi	d Ød	Øk1	k2	f	b	Øhxn	Axial/ Eksenet	Lateral / Yanal	L	kg	Lateral / Yanal	L	kg	Lateral / Yanal	L	kolon_18	kg	Lateral / Yanal	L	kolon_22	kg
DN25	38	185 115	85	150	2	16	Ø 14x4	±15	±25	250	5,40	±50	350	5,40	±75	450		5,80	±100	550		6,00
DN32	42,4	210 140	100	180	2	16	Ø 18x4	±15	±25	250	7,00	±50	350	7,00	±75	450		7,50	±100	550		7,75
DN40	48,3	220 150	110	185	3	16	Ø 18x4	±15	±25	250	7,40	±50	350	7,40	±75	450		8,00	±100	550		8,20
DN50	60,3	250 165	125	205	3	18	Ø 18x4	±15	±25	350	11,50	±50	450	11,50	±75	550		12,25	±100	650		12,70
DN65	76,1	270 185	145	225	3	18	Ø 18x4	±30	±25	350	13,00	±50	450	13,00	±75	550		14,00	±100	650		14,50
DN80	88,9	310 200	160	251	3	20	Ø 18x8	±30	±25	400	16,25	±50	500	16,25	±75	600		17,50	±100	700		18,25
DN100	114,3	330 220	180	271	3	20	Ø 18x8	±30	±25		400 21,80	±50		500 21,80	±75	600		24,00	±100	700		24,70
DN125	139,7	366 250	210	304	3	22	Ø 18x8	±30	±25		450 27,50	±50	650	27,50	±75	750		30,00	±100	850		31,65
DN150	168,3	420 285 240		347	3	22	Ø 23x8	±30	±25		450 33,50	±50		650 33,50	±75	750		39,00	±100	850		41,00
DN200	219,1	510 340 295		411	3	24	Ø 23x12	±30	±25		500 53,50	±50		700 53,50	±75	800		63,50	±100	900		67,60
DN250	273	573 405	355	484	3	26	Ø 27x12	±30	±25		600 73,00	±50		800 73,00	±75	900		85,00	±100		1000 92,00	
DN300	323,9	660 460	410	555	4	28	Ø 27x12	±30	±25		750102,00	±50		950102,00	±75		1000120,00		±100		1150 126,50	

MATERIAL LIST

No	Part	Qty	Material
1	Flange / Flanş	2	St. 37.2

No	Part	Qty	Material
2	Bellow / Körük	2	AISI 304/321
3	Band / Bant	1	AISI 304/321
4	Intermediate Pipe / Ara Boru	1	St. 37.2
5	Tie Rod / Limitrot	2	St. 37.2
6	Ring/ Ring	4	St. 37.2
7	Nut / Somun	8	St. 37.2

PENDING REVIEW

At least one data plate field of this product could not be read from the source catalog and was left blank. Blank fields have not been estimated. Please confirm the values with the company before a binding offer.

DATA SOURCE

Metroend-Kompansator-Katalogu.pdf · printed page 22 (PDF 22)

All content in this datasheet is taken from the catalog page referenced above; values are transferred verbatim, with no estimation or unit conversion. It contains no price or stock information.

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