



MAGNETOELASTIC ROLLING FORCE MEASUREMENT TRANSDUCERS

TME - LT
Toroidal Magnetoelastic Transducer

- rated load 0.63 - 3 MN
- accuracy class 1
- linearity error according to the accuracy class
- compressibility 0.05 mm
- operating temperature $-20^{\circ}\text{C} \dots +60^{\circ}\text{C}$
- output signal $\pm 5\text{ V}$
- exciting current 2A ; 16A
- exciting current frequency 50Hz ; 80Hz



Transducer is located on the rolling stand pressing screw.

TME - LC
Circular Magnetoelastic Transducer

- rated load 0.63MN...16MN
- accuracy class 0.5
- linearity error according to the accuracy class
- compressibility 0.05 mm
- operating temperature $-20^{\circ}\text{C} \dots +60^{\circ}\text{C}$
- exciting current 2A ; 16A
- exciting current frequency 50 Hz; 80Hz
- output signal $\pm 5\text{ V}$



Transducer is located in the rolling stand pressing device.

TME - LD
Rectangular Magnetoelastic Transducer

- rated load 0.63...16 MN
- accuracy class 0.5
- linearity error according to accuracy class
- compressibility 0.05 mm
- operating temperature $-20^{\circ}\text{C} \dots +60^{\circ}\text{C}$
- exciting current 2A ; 16A
- exciting current frequency 50Hz ; 80Hz
- output signal $\pm 5\text{ V}$



Transducer is located under the lower supporting cylinder bearing.