



| CDS18-MEC-40000

MECHANICAL DRAW-WIRE — MEASUREMENT RANGE 0 UP TO 40 000 MM



SPECIFICATIONS

Measurement range	0 up to 40 000 mm
Circumference drum	500 mm/turn
Sensing device	Adaptable with all of our incremental or absolute encoders
Material	Body and cover - aluminum (RohS) Measuring cable - Stainless steel
Cable diameter	0,90 mm
Standard linearity	+/- 0,05% f.s. +/- 0,01% f.s. (optional)
Max. Velocity	10 m/s
Max. Acceleration	1 m/s ² (before cable deformation)
Weight	≈ 20kg
Operating temperature	-20° to +80°C
Storage temperature	-30° to +80°C

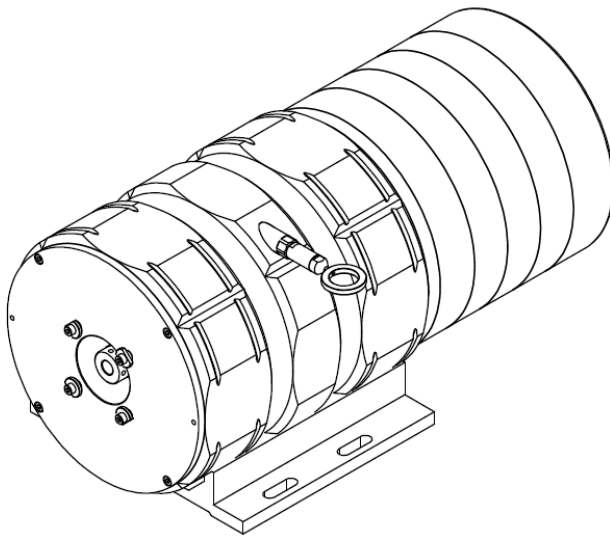
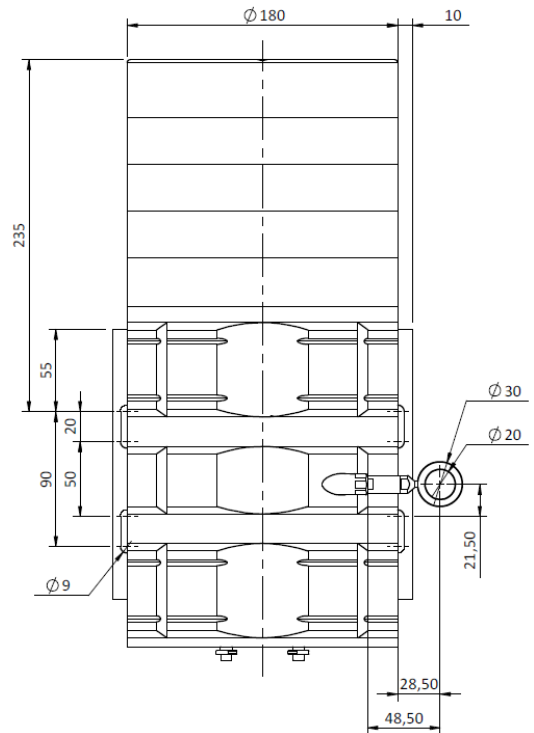
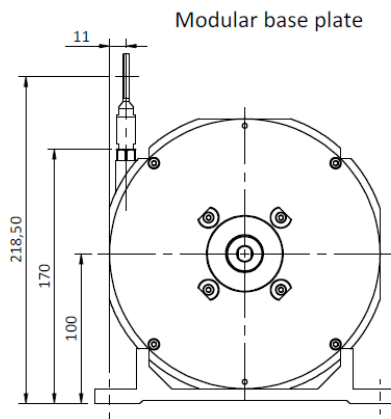


CABLE FORCES

Measurement range in mm	40 000
Min. pull-out force	≈ 15,00 N
Max. pull-out force	≈ 30,00 N



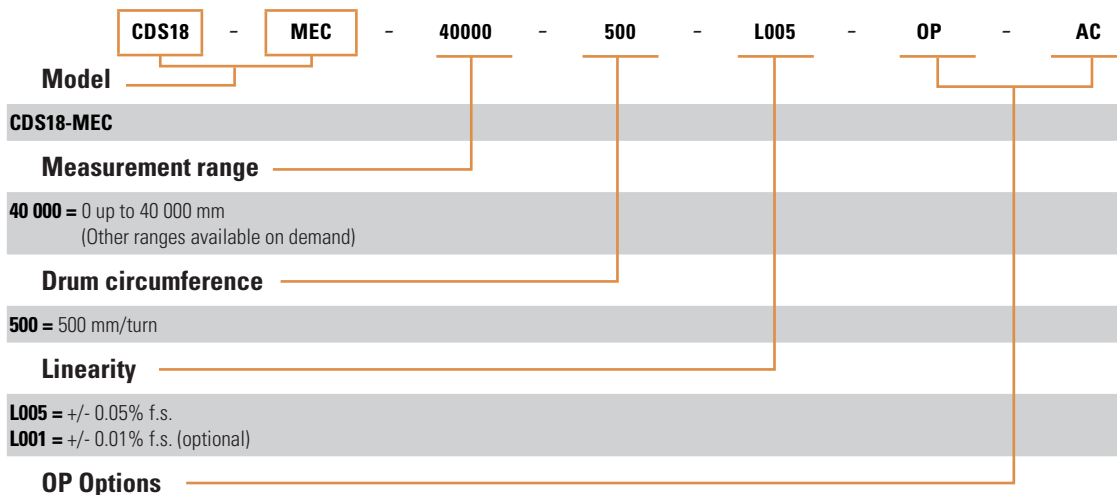
Technical drawing of a cabinet with a door and drawers. The drawing shows a side view of the cabinet with a door on the left and drawers on the right. The door is 180mm wide and 180mm high. The drawers are 180mm wide and 180mm high. The total width of the cabinet is 392mm. The drawing includes a top view and a side view. The top view shows the door and drawers with a handle on the door. The side view shows the cabinet with a door and drawers. The drawing is labeled with dimensions: 180, 180, and 392. The drawing is also labeled with a diameter symbol $\varnothing 180$.





ORDERING OPTIONS

Example: CDS18-MEC-40000-500-L005-OP-10-AC



06 = Adapter flange for Ø58 encoder with Ø6 axis (06A for the provision of a Ø6 coupling device without flange)
10 = Adapter flange for Ø58 encoder with Ø10 axis
12 = Adapter flange for Ø90 encoder with Ø12 axis (12A for the provision of a Ø6 coupling device without flange)
AC = Complete anodizing
BR = Cleaning brush for the cable
BT = Low temperature (down to -30°C)
CP = Fixing of the measuring cable with a clevis
M6 = Fixing of the measuring cable with a M6 threaded rod
TEV = Water evacuation holes + ex. 180 for 180° holes (see the options page for further details)

For the adaptation of an encoder or other sensor device which does not belong to our range, please contact us.



AGENCY APPROVALS & CERTIFICATIONS



Made In France

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