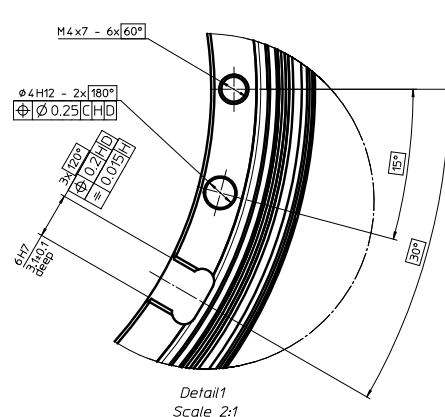
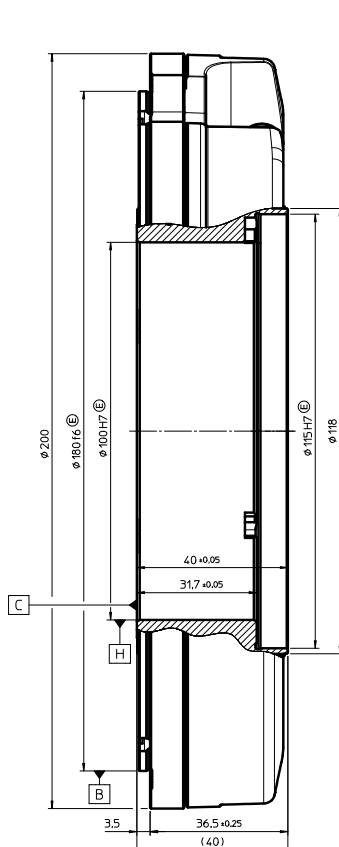
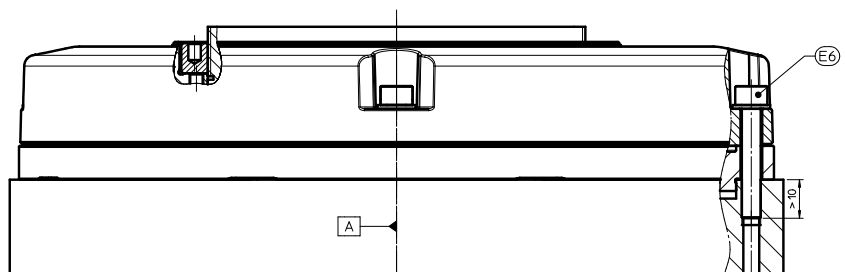
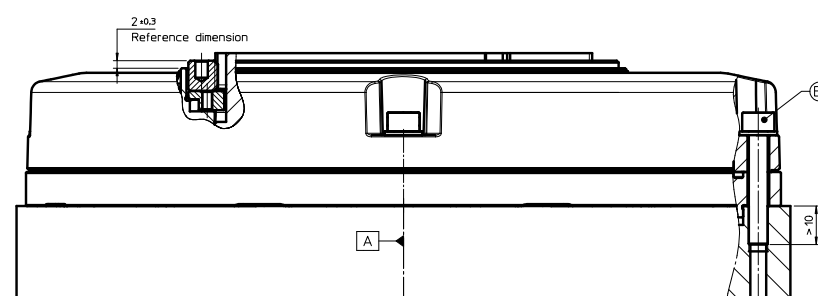
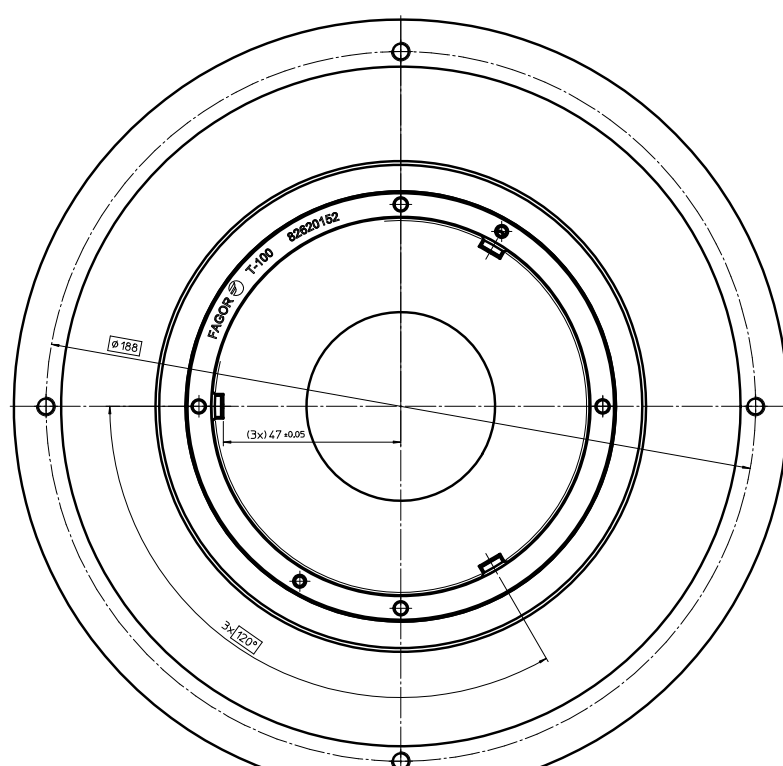
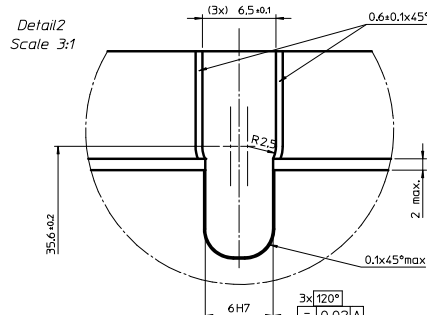
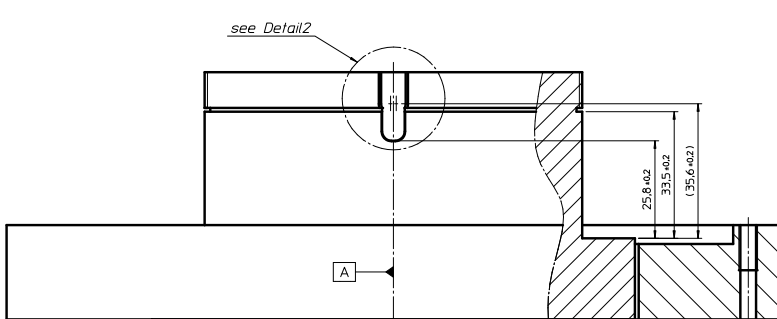


Technical drawing of a mechanical part, likely a flange or base plate, showing a top view and a side view. The top view is a rectangle with a central square hole. Dimensions include overall width 180mm, overall height 100mm, and a central square hole of 100mm x 15mm. The side view shows a thickness of 30mm and a central square hole of 100mm x 15mm. The drawing includes various geometric features like chamfers (R2.5, R2.0), fillets (R2.5, R2.0), and a central square hole (100mm x 15mm). The drawing is labeled with 'E' and 'F' for reference points.

[illegible]

① = Three different types of cable:

- Cable $\phi 6\text{mm}$
- Cable $\phi 4\text{mm}$
- Cable $\phi 10,5\text{mm}$ (with protection)

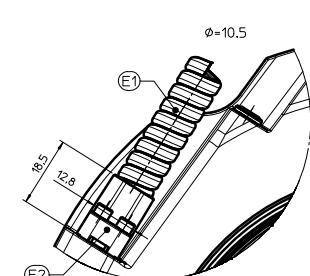
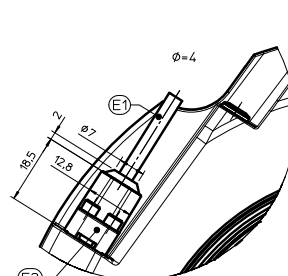
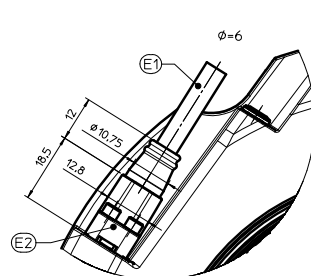
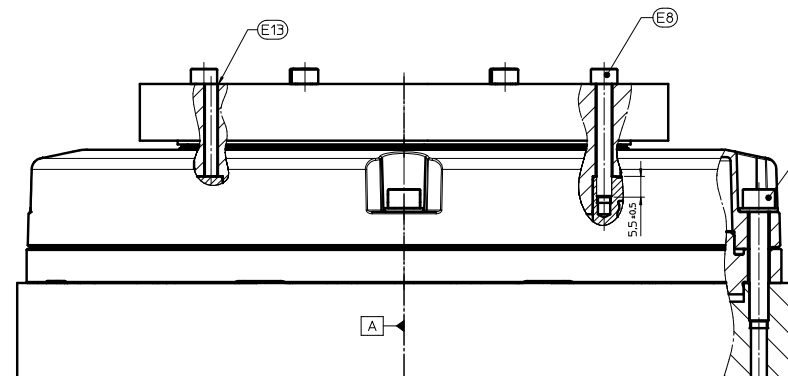
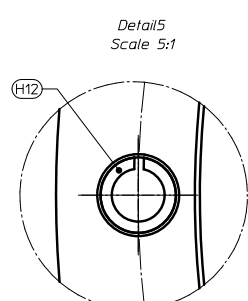
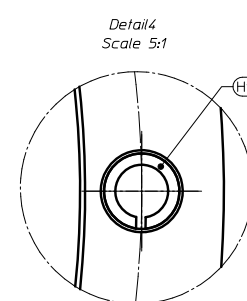
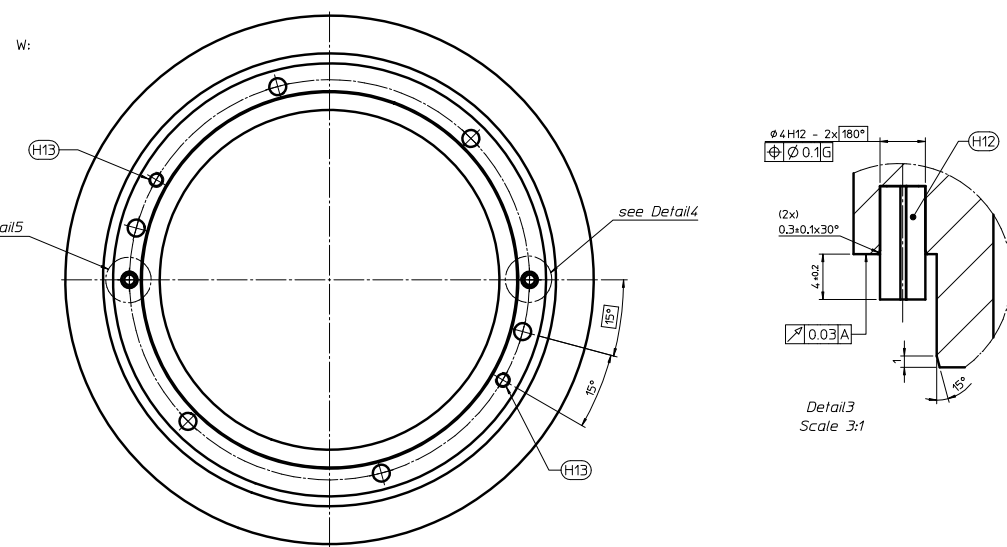
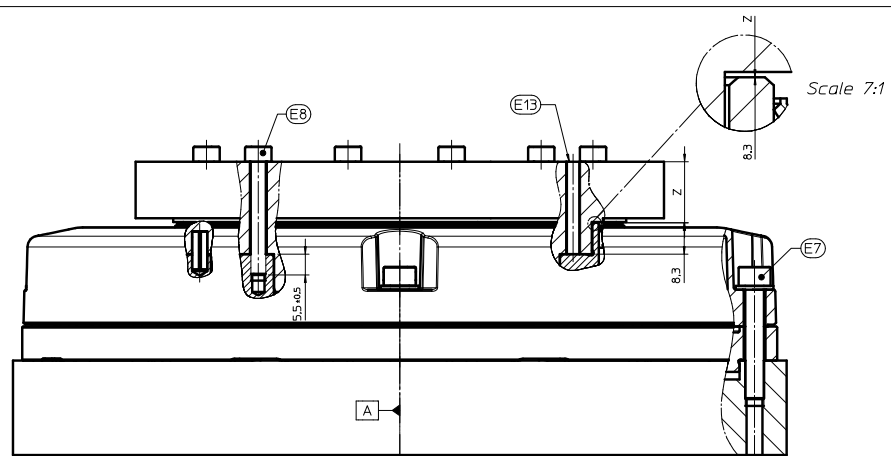
Bend radius for flexible configuration for:

- Cable $\phi 6\text{mm}$: R=60mm
- Cable $\phi 4\text{mm}$: R=40mm
- Cable $\phi 10,5\text{mm}$: R=60mm

Bend radius for rigid configuration for:

- Cable $\phi 6\text{mm}$: R=24mm
- Cable $\phi 4\text{mm}$: R=16mm
- Cable $\phi 10,5\text{mm}$: R>35mm

② = Cable support.

[illegible][illegible]

BOTH SPRING-TYPE STRAIGHT PINS:
Mounting direction as shown of both spring-type straight pins rotated 180° (mount slot in tangential direction), spring-type straight pin must be inserted burr-free, a potential chipping has to be removed.

- (A) Bearing gnd mating shaft.
- (H) Assembly sizing set by customer.
- (C) Compressed air intake.
- (C) Connector.
- (7) + 0° position index $\pm 5^\circ$.
- (*) Direction of shaft rotation for output signals is described in interface description.
- (E3) Mounting surface.
- (E4) ID: 8260152
Tightening torque of rig nut: 80-50Nm
Material bonding anti-rotation lock necessary
Fix mating shaft when mounted.
- (E5) ID: 8260157
Use of special technical tool exclusion; working
using with ring nut Δ necessary.
- (E6) Hexagon socket head cap screws M5: Po-50/2N
Screw 50/62-4x30
Screw property class: NOX 2
Whisper: 010789-S-NOX Δ
Anti-rotation bonding anti-rotation lock necessary.

- Ⓐ Hexagon scaled head cap screws M5: Pa+0,20A
Screw ISO/24762-Hx30
Screw property class: 8.8
Washers: ISO/8989-4-2004V
Materially bonding anti-rust lock necessary,
- Ⓑ Hexagon scaled head cap screws M6: Pa+2,90A
Screw ISO/24762 Hx41,5+50
Screw property class: 8.8
Washers: ISO/8989-4-2004V
Materially bonding anti-rust lock necessary,
- Ⓒ Zx spring type straight pin for mechanical fasten
exclusion necessary ISO/8752-4-000V
Mounting sequence:
1. Mount anti-rust type straight pins in correct
angular position (see table 4 and 5) in
part E1.
2. Mount part E1 using E8 screws.
3. Pay attention to reference dimension Zx:
L=8,3-2,50mm
- Ⓓ Zx spring type straight pins removing threads
ISO/8752 necessary, otherwise optional.
- Ⓔ Mounting surfaces and threads must be clean and
free of grease.

Pa - Tightening torque.

	E9/E11 + Mating shaft	E10 + Mating stator
Material	Ferrous materials (steel/cast iron)	
Tensile strength	$R_m > 600 \text{ N/mm}^2$	$> 250 \text{ N/mm}^2$
Shear strength	$\tau_g > 390 \text{ N/mm}^2$	$> 290 \text{ N/mm}^2$
Interface pressure	$p_a > 660 \text{ N/mm}^2$	$> 275 \text{ N/mm}^2$
Modulus of elasticity	$E \geq 190000 \text{ N/mm}^2$	$E \geq 215000 \text{ N/mm}^2$
Coefficient of expansion (at 20°C)	$\alpha_{\text{max}} = 10 \times 10^{-6} \text{ 1/}^\circ\text{C}$	$\alpha_{\text{max}} = 17 \times 10^{-6} \text{ 1/}^\circ\text{C}$
Mating temperature	All information regarding screw connection is based on a maximum temperature of: of 55°C to 35°C	

[illegible]