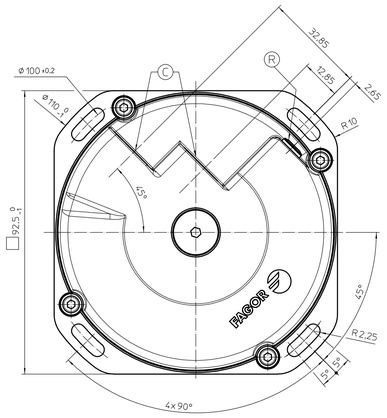
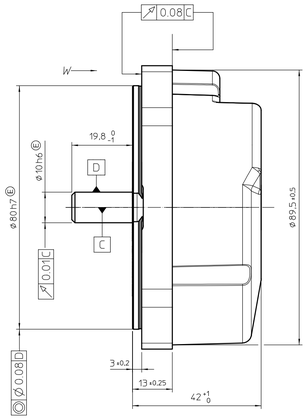
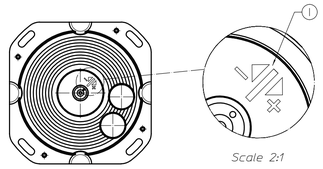
DIMENSIONS OF THE ENCODER

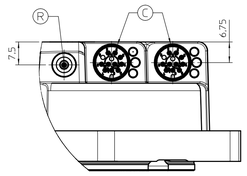




W:
Scale 1:2



Scale 2:1



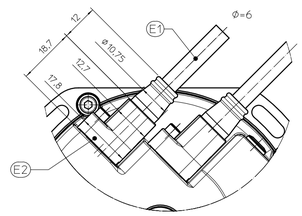
DIFFERENT TYPES OF CONNECTOR CABLES

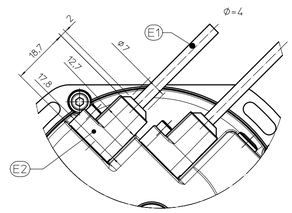
(E1) = Three different types of cable:
- -Cable Ø6mm
- -Cable Ø4mm
- -Cable Ø10,5mm (with protection)

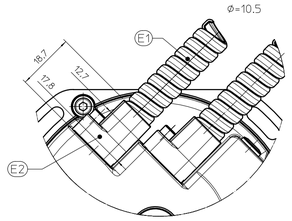
Bend radius for flexible configuration for:
- -Cable Ø6mm: R>60mm
- -Cable Ø4mm: R>40mm
- -Cable Ø10,5mm: R>60mm

Bend radius for flexible configuration for:
- -Cable Ø6mm: R>24mm
- -Cable Ø4mm: R>16mm
- -Cable Ø10,5mm: R>35mm

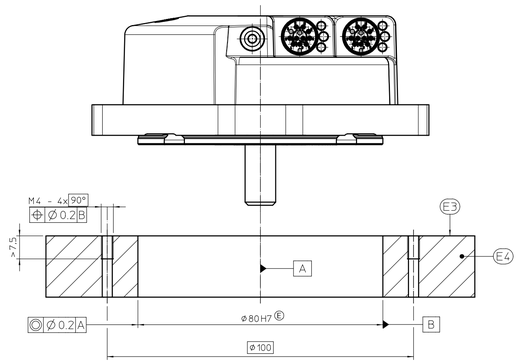
(E2) = Cable support.

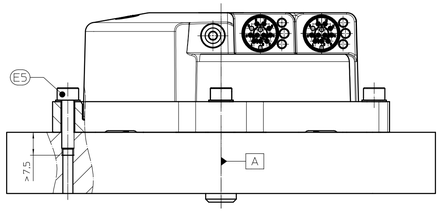




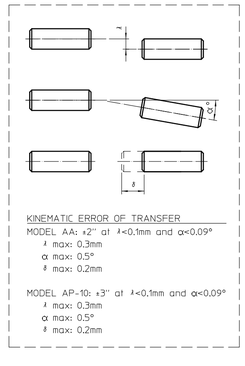


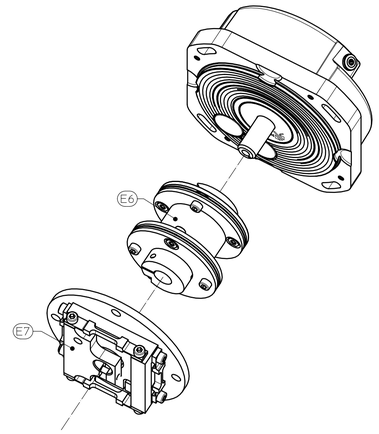
MOUNTIG OPTION 1 (M) (N1)



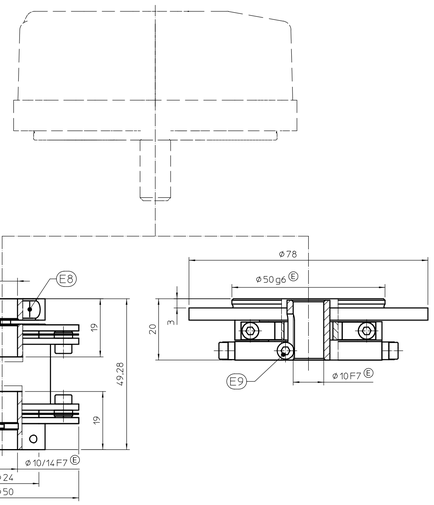


COUPLING OPTIONS

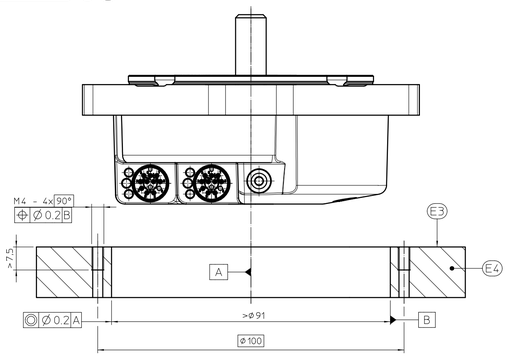


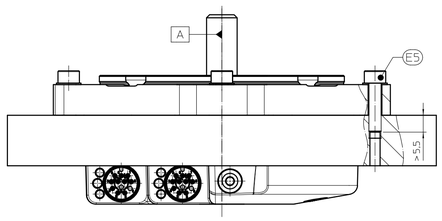


Scale 1:1,5



MOUNTING OPTION 2 (M) (N1)





ABBREVIATIONS

A = Bearing of mating shaft.

(M) = Assembly sizing set by customer.

(R) = Compressed air intake.

(C) = Connector.

(I) = 0° position index +5°.

= Direction of shaft rotating for output signals is described in interface description.

(E3) = Mounting surface.

(E4) = Material of MATING PIECE: steel, Rp0,2≥370N/mm²

(E5) = Hexagon socked head cap screw M4: Pa=2.5±0.15Nm
Screw: DIN 912-M4x16
Screw property class: Inox A2
Washer: DIN 433-4-200 Hv
Materially bonding anti-rotation lock necessary.

(E6) = Coupling model AA10/10: ID=82100060.
Coupling model AA10/14: ID=82100070.

(E7) = Coupling model AP-10: ID=82592000.

(E8)(E9) = M3. Pa=1.2Nm.

(N1) = Mounting surfaces and threads must be clean and free of grease.

Pa = Tightening torque.

						Scale: 1:1
						Dimension in mm Tolerancing ISO 8015 ISO 2768 - m H < 6 mm: ±0.2 mm
	Summary			Propo.	App.	Date
	ANGULAR ENCODER MODEL S2-D90		1			Finish
Rev.	Designation		Quant.	Material		Treatment

Drawing N PT-2-026-0	Date	01/2022	Fagor Automation S. Coop. 20500 Mondragón
Replaces	Design by	IMANOL	
	Check by	ZUNZU	