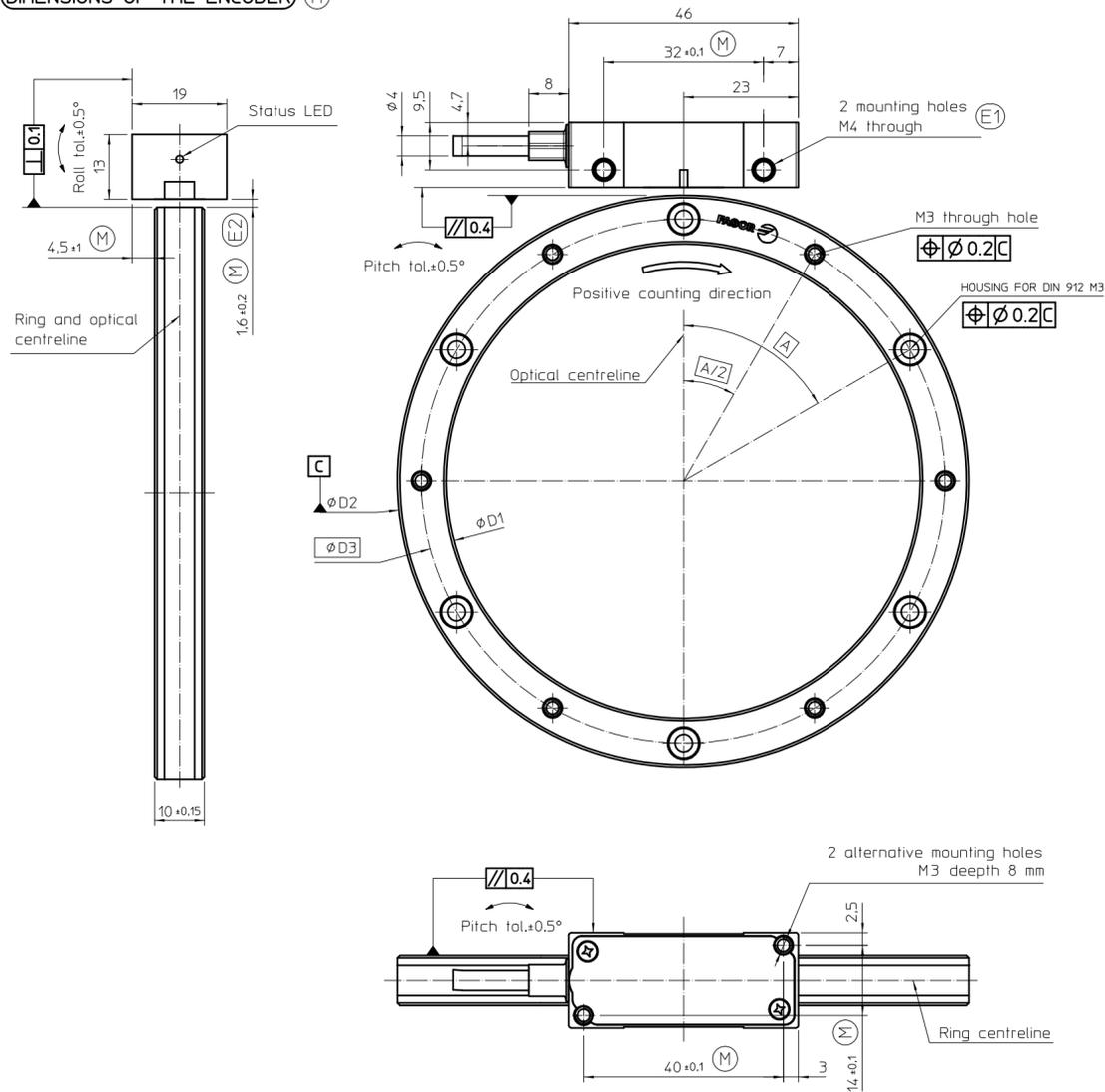
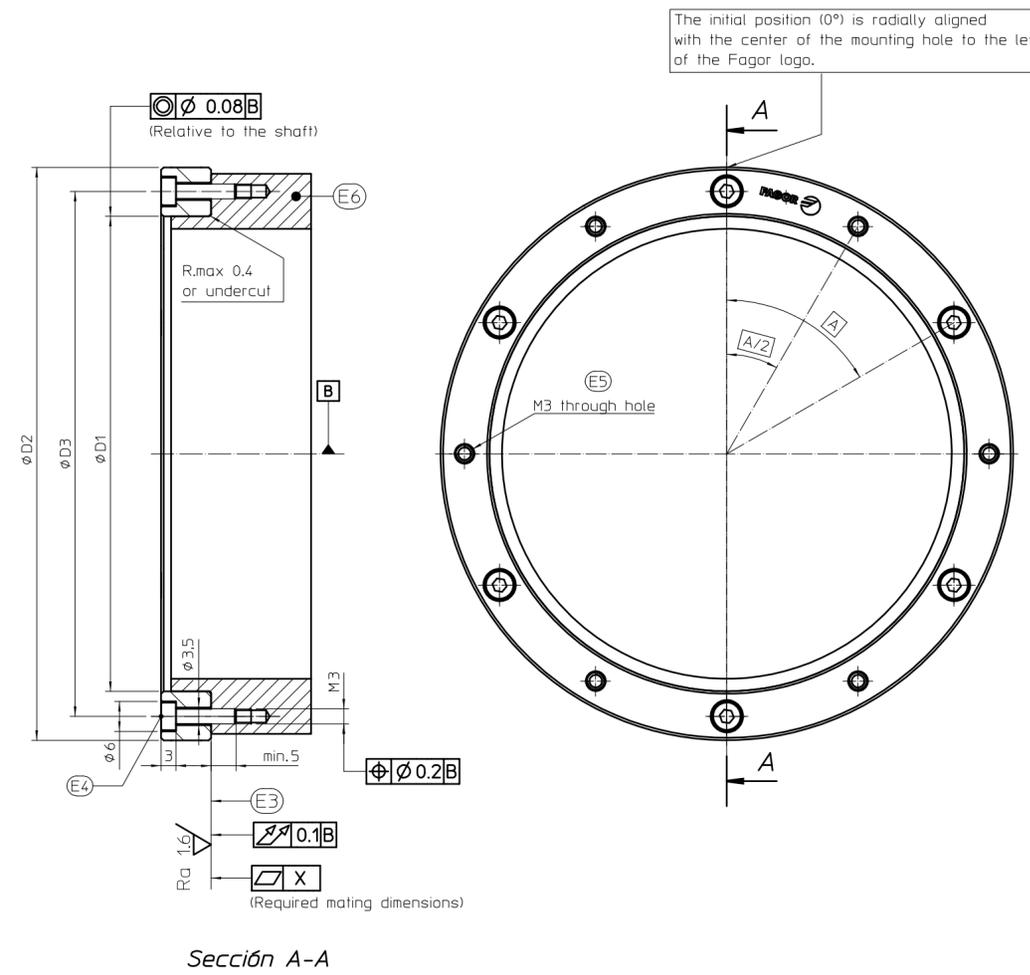


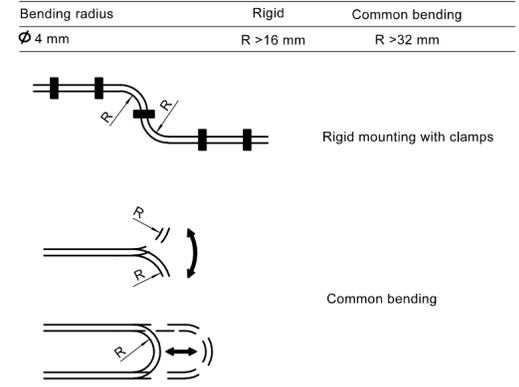
DIMENSIONS OF THE ENCODER (M)



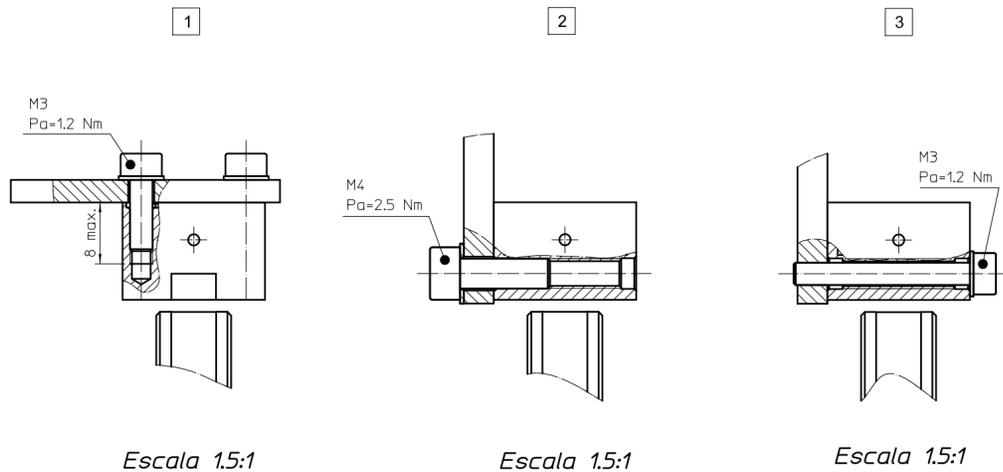
RING MOUNTING (N1)



CABLE ASSEMBLY



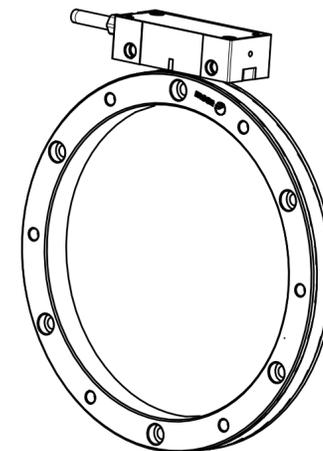
HEAD MOUNTING OPTIONS (N1)



Note: The bracket can be placed in both faces of the reading head in options 2 and 3.

ABBREVIATIONS

- (B) = Bearing of mating shaft.
- (M) = Assembly sizing set by customer.
- (N1) = Mounting surfaces and threads must be clean and free of grease.
- Pa = Tightening torque.
- (E1) = Counterbored each side, depth 2mm.
- (E2) = Working height.
- (E3) = Mounting surface.
- (E4) = Ring fixing screws. Hexagon socketed head cap screws M3: Pa= (0,8-1) Nm Screw: ISO 4762 / DIN912 M3x0,5 Grade 8,8 minimum.
- (E5) = Ring extracting threaded holes (if necessary).
- (E6) = Material of MATING SHAFT: steel Rp0,2≥370N/mm², Rm≥650N/mm², Coefficient of thermal expansion: (10<a<16)x10⁻⁶/k.¹
- (E7) = Material of ROTOR: stainless steel EN 1.1305 / AISI 303.



UTR-1 RING TABLE DIMENSIONS.

D2	D1 Shaft	D1 Ring	D3	A	X
52.15 ±0.1	29.8±0.1	30+0.02/+0.05	40	60°	0.01
57.3 ±0.1	36.8±0.1	37+0.02/+0.05	47	60°	0.01
75.37 ±0.1	54.8±0.1	55+0.02/+0.05	65	60°	0.01
100.22 ±0.1	79.8±0.1	80+0.02/+0.05	90	60°	0.01
103.13 ±0.1	79.8±0.1	80+0.02/+0.05	90	60°	0.01
104.3 ±0.1	79.8±0.1	80+0.02/+0.05	90	60°	0.01
114.6 ±0.1	94.8±0.1	95+0.02/+0.05	105	60°	0.015
150.24 ±0.1	129.8±0.1	130+0.03/+0.08	140	40°	0.015
200.45 ±0.1	179.8±0.1	180+0.03/+0.08	190	30°	0.02

Scale: 1:1

Dimensions in mm
Tolerancing ISO 8015
ISO 2768 - m H
< 6 mm: ±0.2 mm

Rev.	Summary	Propo.	App.	Date
Nº	Designation	Quant.	Material	Treatment
Drawing N	PT-2-027-2	Date	05 / 2022	Fagor Automation S. Coop. 20500 Mondragón
Replaces	Design by ZUNZU	Check by		