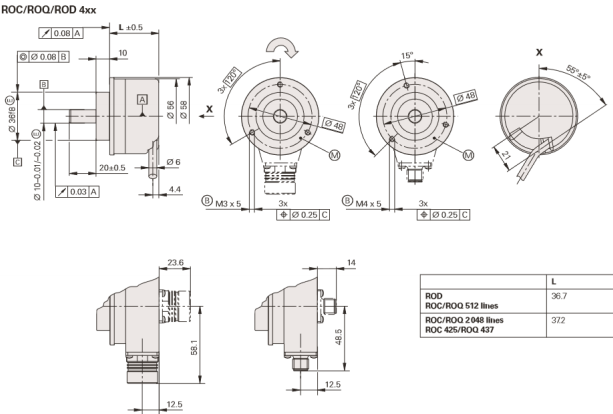


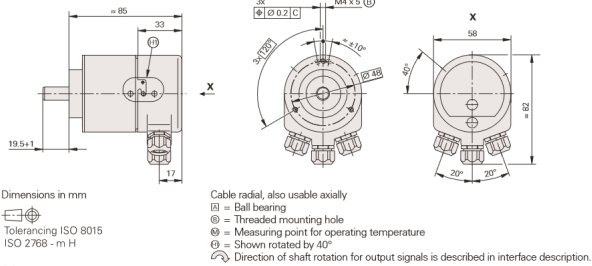
Heidenhain-Encoder ROD 420 5000 27s12-03 id-Nr-376-840-C8-376840C8
Clamping Flange 10mm Shaft

ROC/ROQ/ROD 400 Series with Clamping Flange

Rotary encoders for separate shaft coupling



ROC 413/ROQ 425 with PROFIBUS DP



Heidenhain-Encoder-ROD-420-5000-27s12-03-id-Nr-376-840-C8-376840C8 Clamping Flange; Lines:5000; 10mm Shaft; Flange Socket M23

Rating: Not Rated Yet
Price

[Ask a question about this product](#)

Description

ROD 400 Series with Clamping Flange

Rotary encoders for separate shaft coupling

For sale is : Encoder [Heidenhain-Encoder-ROD-420-5000-27s12-03-id-Nr-376-840-C8](#)

Incremental Signals : TTL

Line count : 5000

Cutoff frequency -3dB : --

Scanning frequency : ? 300 kHz

Edge separation a : $0.43\mu\text{s}$

System Accuracy: 1/20 of Grating Period

Power supply: $5\text{V}\pm 5\%$

Current consumption (withoutLoad) : ?120mA

Electrical connection via: Flange socket M23, radial and axial ****

Shaft : Solid Shaft D =10mm

Mech. perm. speed n : ?12 000 rpm

Starting torque at 20 °C : ?0.01 Nm (at 20⁰ C)

Moment of inertia of rotor : $2.6 \cdot 10^{-6} \text{ kgm}^2$

Shaft Load : Axial 10 N/radial 20 N at shaft end

Vibration 55 to 2000 Hz : ? 300 m/s^2 ³⁾ (IEC 60 068-2-6)

Shock 6 ms/2ms : ?1000 m/s^2 / † 2000 m/s^2 (IEC 60 068-2-27)

Max. operating temp. :100 °C

Min. operating temp. : -40 °C

Protection IEC 60 529 :IP 67 at housing; IP 64 at shaft end4)

Weight (approx.):0.3 kg

[Click to check full picture](#)
[Pin layout is here.](#)

***** We also have In Stock the Mating Connector& coupling (at Extra Price)**

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- Trusted industrial supplier since 2003

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