

INOX Protective Housing ***84, MP01



Ref.: K-__84-__-1
21.08.2014
010102008499999999

Advantages

- _ Acid-resistant
- _ Delivery completely mounted
- _ Especially for rotary encoders
- _ Interface variety
- _ Rugged construction
- _ Salt-resistant
- _ Shipping, paper industry
- _ With customized encoder type

General Data

Housing - Material	X12 Cr NiS 18 08 / 18 9
- Stainless steel 1.4305	
Maximum Speed, mechanically	<= 3000 1/min
Shaft load, axial/radial	<= 40 N, <= 60 N
Bearing life time	>= 3.9E+10 revolutions
Bearing life time - Parameter	
- Speed	3000 1/min
- Operating temperature	60 °C
- Shaft load, axial/radial	<= 20 N, <= 30 N
Point of origin, shaft load	at the shaft end
Shaft type	
- Shaft diameter [mm]	6
- Shaft diameter [mm]	10
- Shaft diameter [mm]	12
Angular acceleration	<= 10E+4 rad/s ²
Moment of inertia, typically	2.5E-6 kg m ²
Start-up torque, 20 °C	3 Ncm
Mass, typically	1.5 kg...2.5 kg

Subject to change.

TR-Electronic GmbH
Eglisshalde 6
78647 Trossingen
Tel. +49 (0) 7425 228-0
info@tr-electronic.de
www.tr-electronic.de

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Environmental conditions

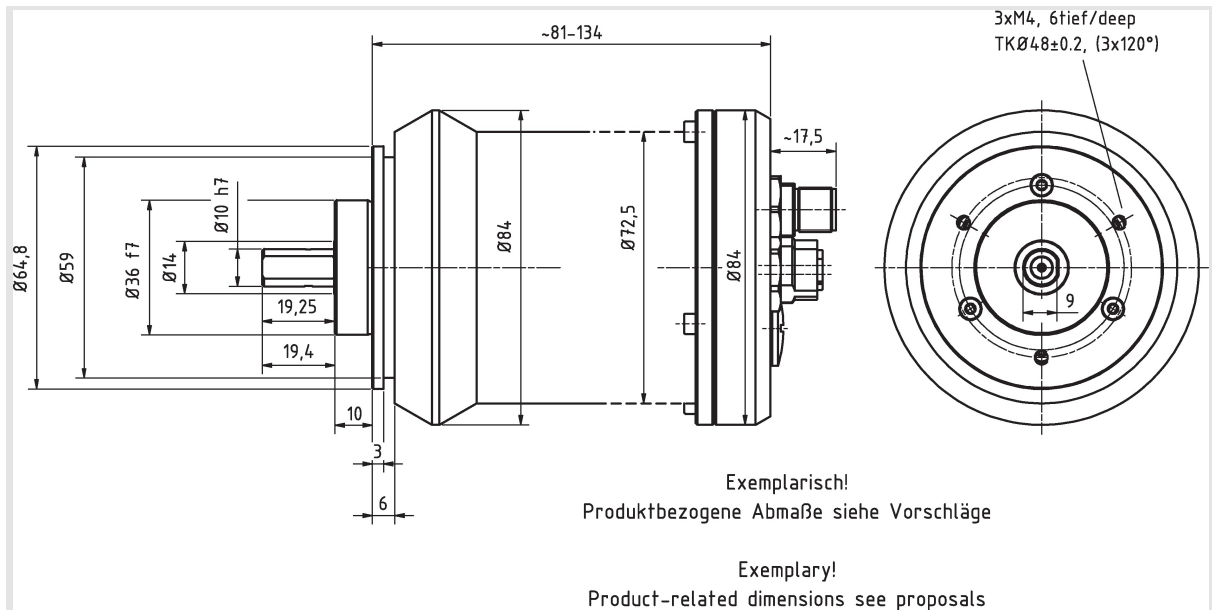
Vibration	
- Specific value	$\leq 100 \text{ m/s}^2$
- Sine	50...2000 Hz
Shock	
- Specific value	$\leq 1000 \text{ m/s}^2$
- Half sine	11 ms
Working temperature	
- Standard	-20...+70 °C
- On request	-40...+85 °C;
Storage temperature, dry	-30...+85 °C
Relative humidity	98 %, non condensing
Protection class	
- Standard	IP68

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Dimensional drawing



Suggested products

CEV84M*8192/4096 EIP 36ZB10FL +ST	CEV84M-10046
CEV84M*8192/4096 EPN 36ZB10FL +ST	CEV84M-10049
CEV84M*8192/4096 ETC2 36ZB10FL +ST	CEV84M-10050
CEV84M*8192/4096 ES3 36ZB10FL +ST	CEV84M-10051
CEV84M*8192/4096 EPL 36ZB10FL +ST	CEV84M-10052

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