

Magnetic Encoder

Please answer the following questions as completely as possible:



1. What is the field of application / application?

2. What is the required quantity?

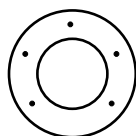
3. Date when required / delivery date?

4. What is the maximum speed?

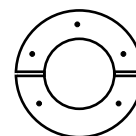
5. What is the shaft diameter ?

6. What is the pulse wheel version ?

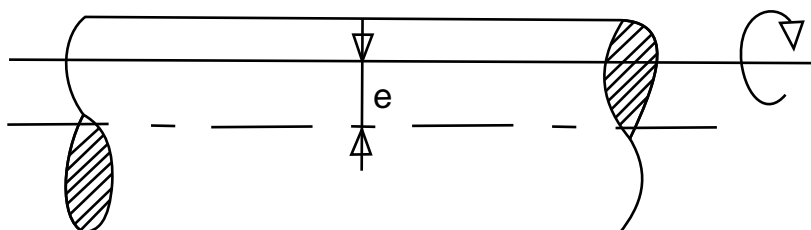
☐ One piece (standard)



☐ Split



7. What is the eccentricity ?



☐ e=max.:.....mm

8. What is the temperature range?

☐ -25 to +85°C

☐ -40 to +85°C

☐ .....

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Please answer the following questions as completely as possible:



9. What is the type of output signal?

☐ Incremental output signal

Pulse rate

Ideal..... pulses per rotation

If "ideal" cannot be realized : Between ..... and ..... pulses per rotation

Reference pulse signal

☐ No reference pulse signal      ☐ 1 x per rotation      ☐ ..... x per rotation

Signal transmission

Electric (copper cable):

Signal amplitude:      ☐ HTL      ☐ TTL      Degree of protection

☐ Fixed cable, cable length: ..... m      IP 68

☐ 12-pole round connector Burndy      IP 67

☐ 12-pole round connector M23      IP 67

☐ 8-pole round connector M12      IP 67

☐ Terminal strip in a terminal box      IP 66

Optic (FOC cable + separate decoder type LWLS-D...):

☐ FOC connector in a terminal box (50/125 µm)      IP 66

☐ FOC connector in a terminal box (62.5/125 µm)      IP 66

☐ Absolute output signal

Single turn resolution

☐ 12 bit      ☐ 13 bit      ☐ 14 bit      ☐ 15 bit      ☐ 16 bit

Electric (copper cable)

☐ SSI      Degree of protection

☐ Fixed cable, cable length: ..... m      IP 67

☐ 12-pole round connector Burndy      IP 67

☐ 12-pole round connector M23      IP 67

☐ Terminal strip in a terminal box      IP 66

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Please answer the following questions as completely as possible:



☐ Ethernet, 3x M12 plug-in connector (interface specific)

IP 67

☐ Switching output overspeed (option S)

Number of switching outputs

Required switching speed

☐ 1 piece    ☐ 2 piece    ☐ .....

Switching speed: .....

10. What is the installation situation?

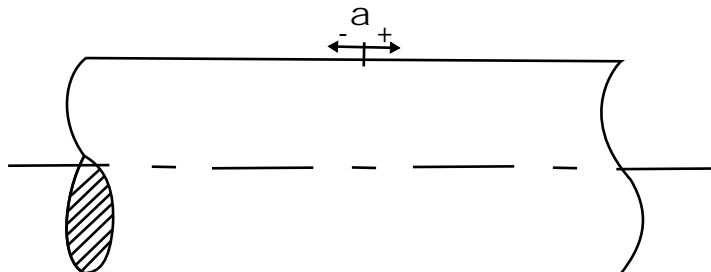
☐ Drawing of place of installation included

→ Please ensure you include supplementary photos.

☐ Drawing of place of installation not available

(Please complete annex "MAG installation situation")

11. What is the axial shaft play?



☐ a=max. ±1mm

☐ a=max. ±3mm

☐ a=max. ±8mm

☐ Miscellaneous:.....

Thank you for your valuable time

Your details?

a) Company

b) Address

c) Contact person

d) Phone

e) E-mail

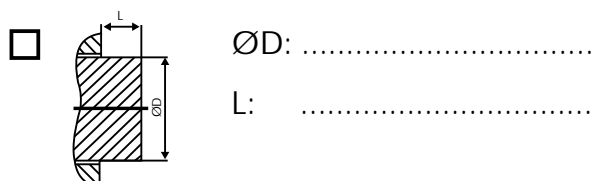


## Annex

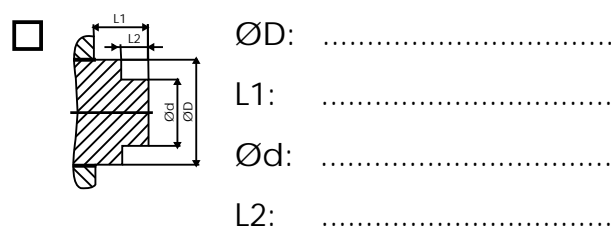
### for magnetic encoder system

#### Installation situation with free shaft end

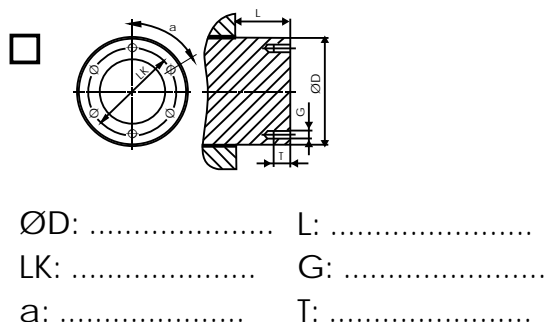
##### 1. Shaft end with external centering without bolt circle



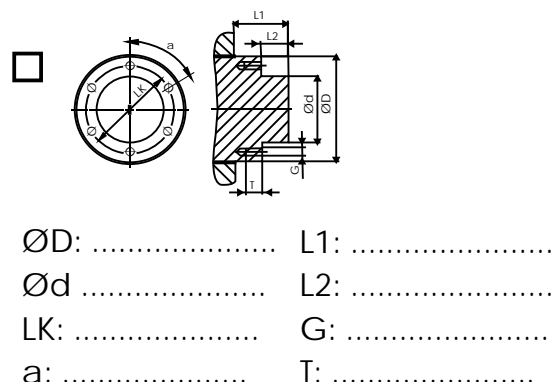
##### 2. Shaft shoulder with external centering without bolt circle



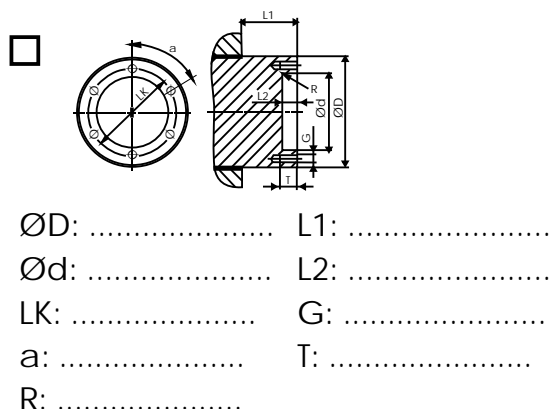
##### 3. Shaft end with external centering and bolt circle



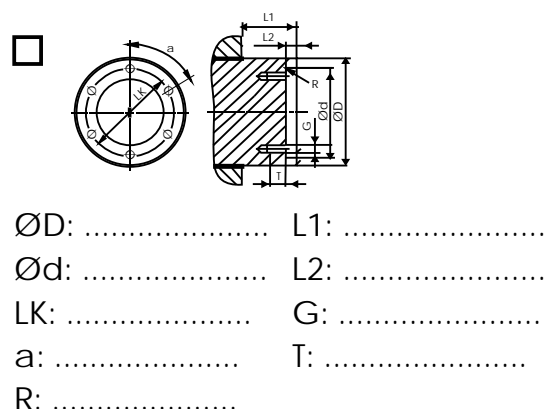
##### 4. Shaft shoulder with external centering and bolt circle



##### 5. Shaft end with internal centering and outer bolt circle



##### 6. Shaft shoulder with internal centering and inner bolt circle



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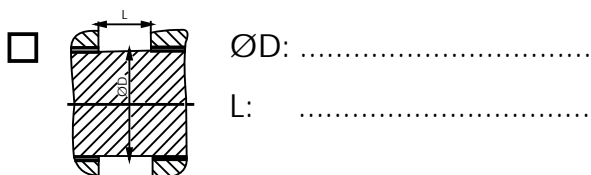


## Annex

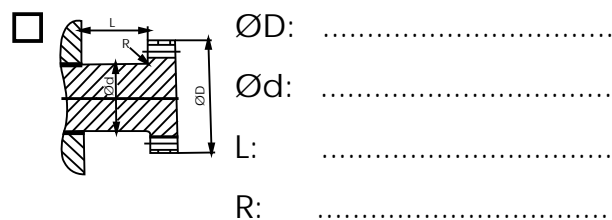
for magnetic encoder system

Installation situation with free shaft end

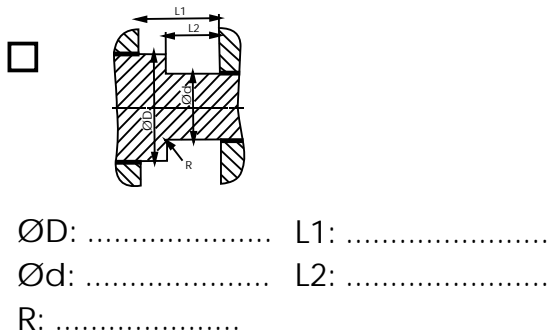
7. No free shaft end



8. Shaft end with flange



9. Shaft shoulder without bolt circle



4. Shaft shoulder with external centering and bolt circle

