

Technical drawing of a mechanical part, showing front and side views with dimensions and feature callouts.

Front View (Left):

- Overall diameter: $\varnothing 42$
- Feature 1: Two small holes, spaced 120° apart.
- Feature 2: A larger hole, spaced 120° apart from the others.
- Feature 3: A small hole, spaced 120° apart from the others.
- Dimension 17: Distance from the center to the edge of the part.
- Dimension 30: Distance from the center to the edge of the part.

Side View (Right):

- Overall height: $\varnothing 58$
- Internal diameter: $\varnothing 50_{h7}$
- Feature 1: A small hole, spaced 120° apart.
- Feature 2: A larger hole, spaced 120° apart from the others.
- Feature 3: A small hole, spaced 120° apart from the others.
- Dimension 15: Distance from the center to the edge of the part.
- Dimension 46: Distance from the center to the edge of the part.
- Dimension 10: Distance from the center to the edge of the part.
- Dimension 4: Distance from the center to the edge of the part.
- Dimension 3: Distance from the center to the edge of the part.
- Dimension 12,5: Distance from the center to the edge of the part.

- CE

Zulassungen / Prüfungen		
Schockfestigkeit		100 g (6 ms)



Inkrementaler Drehgeber mit Vollwelle

RU-2000-I05/N2

Vibrationsfestigkeit	10 g (55...2000 Hz)
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Mechanische Daten

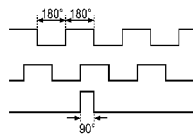
Abmessungen	[mm]	Ø 58 / L = 46
Werkstoffe		Aluminium
Max. Drehzahl mechanisch	[U/min]	12000
Max. Anfangsdrehmoment	[Nm]	1
Bezugstemperatur Drehmoment	[°C]	20
Wellenausführung		Vollwelle
Wellendurchmesser	[mm]	6
Wellenwerkstoff		1.4104 (Stahl)
Max. Wellenbelastung axial am Wellenende	[N]	10
Max. Wellenbelastung radial am Wellenende	[N]	20
Befestigungsflansch		Synchroflansch

Elektrischer Anschluss

Kabel: 2 m, PUR; radial

braun	A
grün	A invertiert
grau	B
rosa	B invertiert
rot	0-Index
schwarz	0-Index invertiert
blau	L+ Sensor
weiß	0V Sensor
braun / grün	L+ (Up)
weiß / grün	0V (Un)
violett	Störung invertiert
Schirm	Gehäuse

Diagramme und Kurven

Impulsdiagramm	 Drehrichtung im Uhrzeigersinn (auf die Welle gesehen)
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