

Tachogenerator, TDP 0,2 Baumer - HUBNER

Features

High response speed

Open circuit voltage 10...150 mV per rpm

Shaft 7-14 mm with flange

Top signal quality over the total rotational speed

range by patented Longlife technique

Recognition of sense of rotation

No auxiliary energy source required

Technical data - electrical ratings

Reversal tolerance 0.1 %

Linearity tolerance 0.15 %

Temperature coefficient 0.05 %/K (open-circuit)

Isolation class B

Calibration tolerance 1 %

Climatic test Humid heat, constant

(IEC 60068-2-3, Ca)

Performance 12 W (speed >3000 rpm)

Armature-circuit

time-constant

<75 s

Open-circuit voltage 10...150 mV per rpm

TDP 0,2

Technical data - mechanical design

Dimensions (flange) 90 mm

Shaft 7...14 mm

Protection DIN EN 60529 IP 55, IP 56 (option)

Torque 1.5...0 Ncm

Rotor moment of inertia 1.1 kgcm

Shaft loading 60 N axial

80 N radial

Materials Housing: aluminium die-cast

Shaft: stainless steel

Operating temperature -30...+130 C

Resistance DIN EN 60068-2-6

Vibration 10 g, 10-2000 Hz

DIN EN 60068-2-27

Shock 300 g, 1 ms

Weight approx. 2.6 kg

Connection Terminal box

Shaft 7-14 mm with flange

With own bearings