



The generator produces a sinusoidal voltage, which is proportional to the measured speed. The vibration-free, stationary winding is mounted in a light alloy casing. The magnet shaft with 8-pole permanent magnet runs in covered grooved ball bearings. The generator is maintenance-free and can be supplied with spigot, flange, foot mounting and tongue shaft connection. The generators are adjusted in the factory, therefore generators with the same design can be exchanged. The parallel connection of several indicators and/or switching units is possible. Upon request the tachogenerators can be made in a tropicalized version. Other mechanical connections and special versions can be supplied on request.

Technical Data

Design	180/8	85/8	14/8	4/8
Max driving speed	1000	2000	5000	10000
Volt per 1000rpm	40V	20V	10V	5V
Winding impedance	210	63	14	3.5
Freq per 1000rpm	66 2/3 Hz			
Number of poles	8			
Balancing tolerance	< ± 1% of full scale			
Test voltage	2000 V against housing			
Temperature range	-20 °C to + 100 °C			
Protection	shaft outlet IP 40 - housing IP 54 (DIN 40050) (special version IP 65)			
Starting torque	100 cmp			
Electrical connection	flat terminal E3 DIN 41000			
Weight in kg	EG 60.1 z = 0.450; EG60.1f = 0.650; EG60.1fl = 0.650			

Kennlinie = characteristic curve

leeflauf = no load operation

10 mA Belastung bei Enddrehzahl = 10 mA load at max. running speed.

Anschlu mit Zungenmitnehmer = version with tongue connection to E4 DIN 75532

Kabelverschraubung = cable gland

Bezugsebene = reference plane

Langloch = long whole

Odering information

1. Type
2. Voltage per 1000 rpm

Subject to technical alterations

