

Technical Data of the Tacho-Alternators

Typ	Type	Type		P 810
Tachogenerator	Tachogenerator	Tachymetrique		
Spannungskonstante	Voltage constant	Constante de tension	V/1000min ⁻¹	14
Ankerwiderstand	Armature resistance	Resistance rotor	Ohm	56
Rippelfaktor	Ripple factor	Rippel	%	1.5
Haltebremse	Holding brake	Frein de maintien		
Bremsspannung	Rated voltage	Tension nominale	VDC	24
Bremsmoment	Brake torque	Couple de maintien	Nm	1.2
Schaltleistung	Rated Power	Puissance Nominale	W	15
Gewicht mit Bremse	Weight with brake	Poids avec frein	Kg	8.0

Remark

All tacho-alternators are permanent magnet excited continuous current tacho-alternators. The driver of the tacho-alternator is tensional joined to the motor shaft so that the engine speed is provided to the tacho-alternator as unaltered actual value speed.

The carbon brushes used with the tacho-alternator are made of silver graphite.

All tolerances of the technical data are given according to VDE 0530. For all figures not given according to VDE 0530 there is a tolerance of +/- 10%.

With versions built to protection class IP54, a minimal lower torque can be expected due to the installation of shaft packing which causes increased friction.

The technical data given in the table and performance curve refer to a direct-current supply with a valid harmonic content of up to 5%.

The data given applies to application in an ambient temperature from 0°C to 40°C .

Technical modifications reserved

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