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## Tachogenerators

### BATACRAC12



#### Applications:

- Industrial Applications
- Speed Control and Regulation

#### Features:

- 3 Phase-Tachogenerator with integrated rectifier
- Designed for standard industrial applications
- Pan-Cake design

#### Characteristics:

DESCRIPTION:	UNIT:
MAX. SPEED	: 12000 RPM
MIN. SPEED	: 50 RPM
RATED SPEED	: 1000 RPM
MOMENT OF INERTIA	: 70 KG cm <sup>2</sup>
NO-LOAD DRIVING TORQUE	: 35 N-cm
MOUNTING	: A4
NO LOAD RECTIFIED VOLTAGE	: 30 V
MAX. E.M.F	: 300 V
MAX. LINEARITY ERROR	: ≤ 1 % E <sub>r</sub>
RESIDUAL RIPPLE RATE	: 4 % E <sub>c</sub>
RIPPLE FREQUENCY	: 400 Hz
CALIBRATION PRECISION	: ± 1 % E <sub>r0</sub>
E.M.F TEMPERATURE DRIFT	: 0.02 % / °C
MAX LOAD CURRENT	: 20 mA

DESCRIPTION:	UNIT:
INSULATION CLASS	: F (IEC 34-1)
OPERATING TEMPERATURE	: -30° / + 130 °C
CLIMATIC PROTECTION	: C <sub>a</sub> (IEC 68-1)
PROTECTION DEGREE	: IP 56 (IEC34-5)
DIRECTION OF ROTATION	: Reversible
EXCITATION	: Permanent Magnets
NUMBER OF POLES	: 8
ROTOR WEIGHT	: 50 G
STATOR WEIGHT	: 200 G

#### Dimensions:

