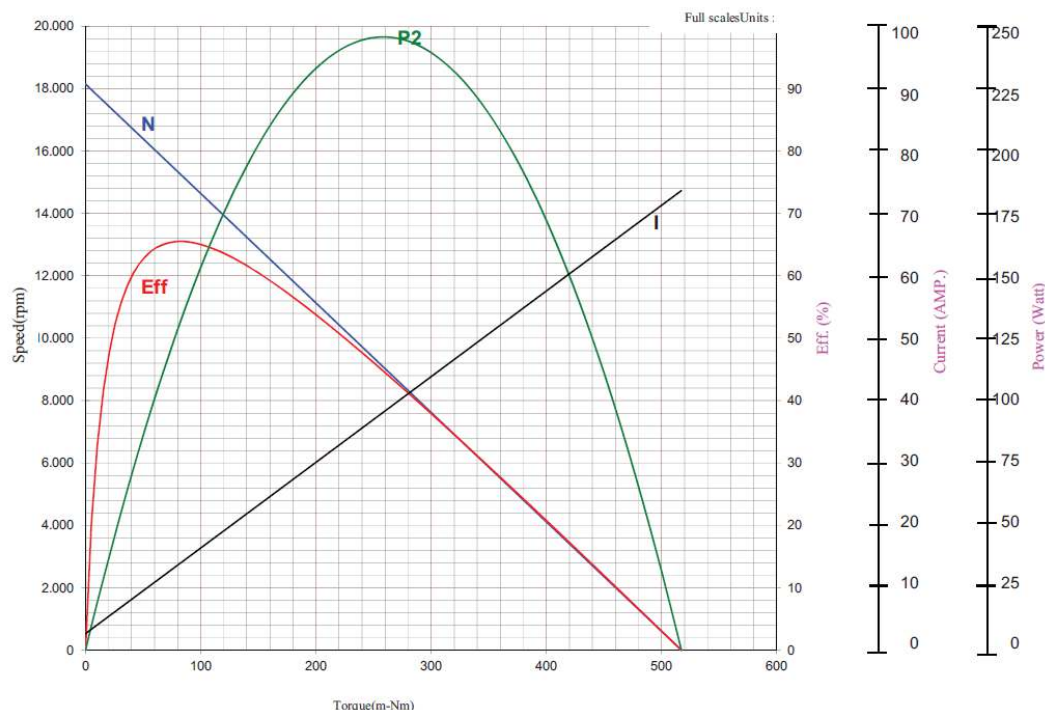


Gleichstrommotor DAYPOWER 1070002

Art.Nr 310572



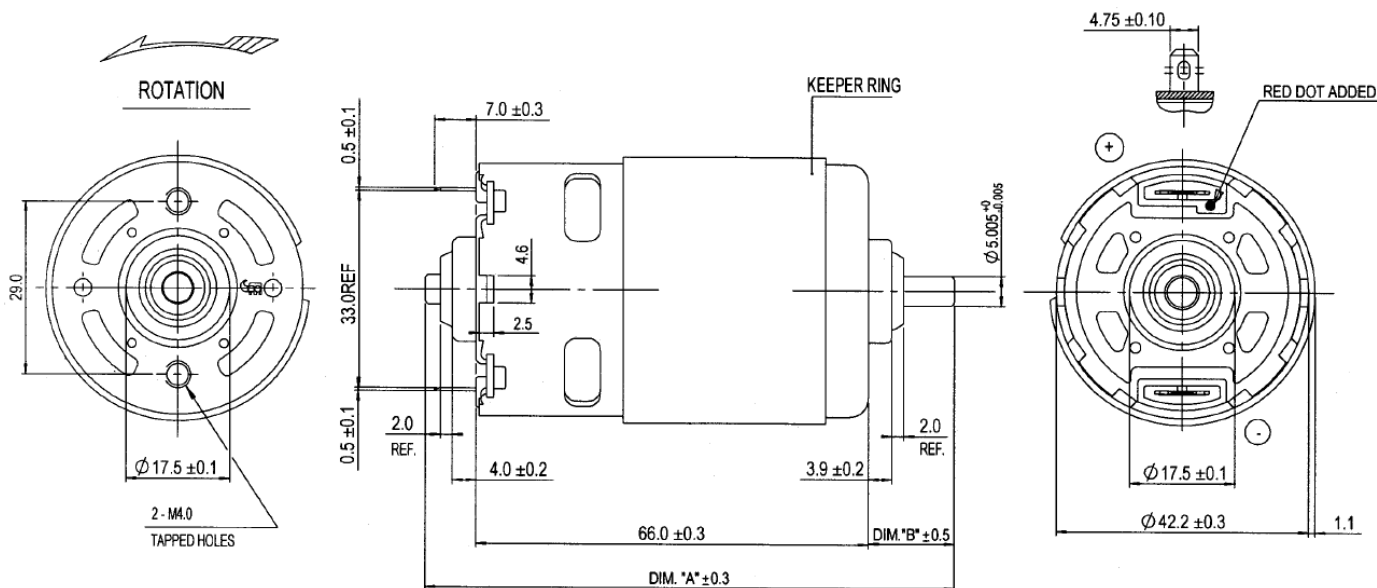
Performance (in an ambient temperature of 23°C)
Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **14,40 Volts**
With a circuit resistance of **0,00 Ohm**

At No Load	
Speed :	18150 Rpm
Current :	2,640 Amp
At stall (Extrapolated)	
Torque :	517,20 m-Nm
Current :	73,67 Amp
At maximum efficiency	
Efficiency :	65,51 %
Torque :	82,32 m-Nm
Speed :	15261 Rpm
Current :	13,95 Amp
Output :	131,56 Watts
At maximum power	
Torque :	258,60 m-Nm
Speed :	9075 Rpm
Current :	38,16 Amp
Output :	245,75 Watts

Characteristics	
Torque Constant :	7,281 m-Nm/Amp
E.M.F Constant :	7,281 mV/rad/sec
Dy. Resistance :	0,195 Ohms
Motor Regulation :	35,093 Rpm/m-Nm

At torque level:
Torque: m-Nm



NOTES:

1. LENGTH OF SHAFT, DIM. "A" 89,0 mm.
2. FRONT EXTENSION, DIM. "B" 19,5 mm., MEASURED WITH SHAFT PUSHED AGAINST STEEL END CAP.
3. DIRECTION OF ROTATION : ANTI-CLOCKWISE WHEN VIEWING MOTOR OUTPUT END WITH POSITIVE VOLTAGE APPLIED TO POSITIVE TERMINAL.
4. END PLAY : 0,50 mm. MAX.
5. TAPPED HOLES CAN ACCEPT MAX. MALE USABLE SCREW LENGTH OF 3.5 mm.