

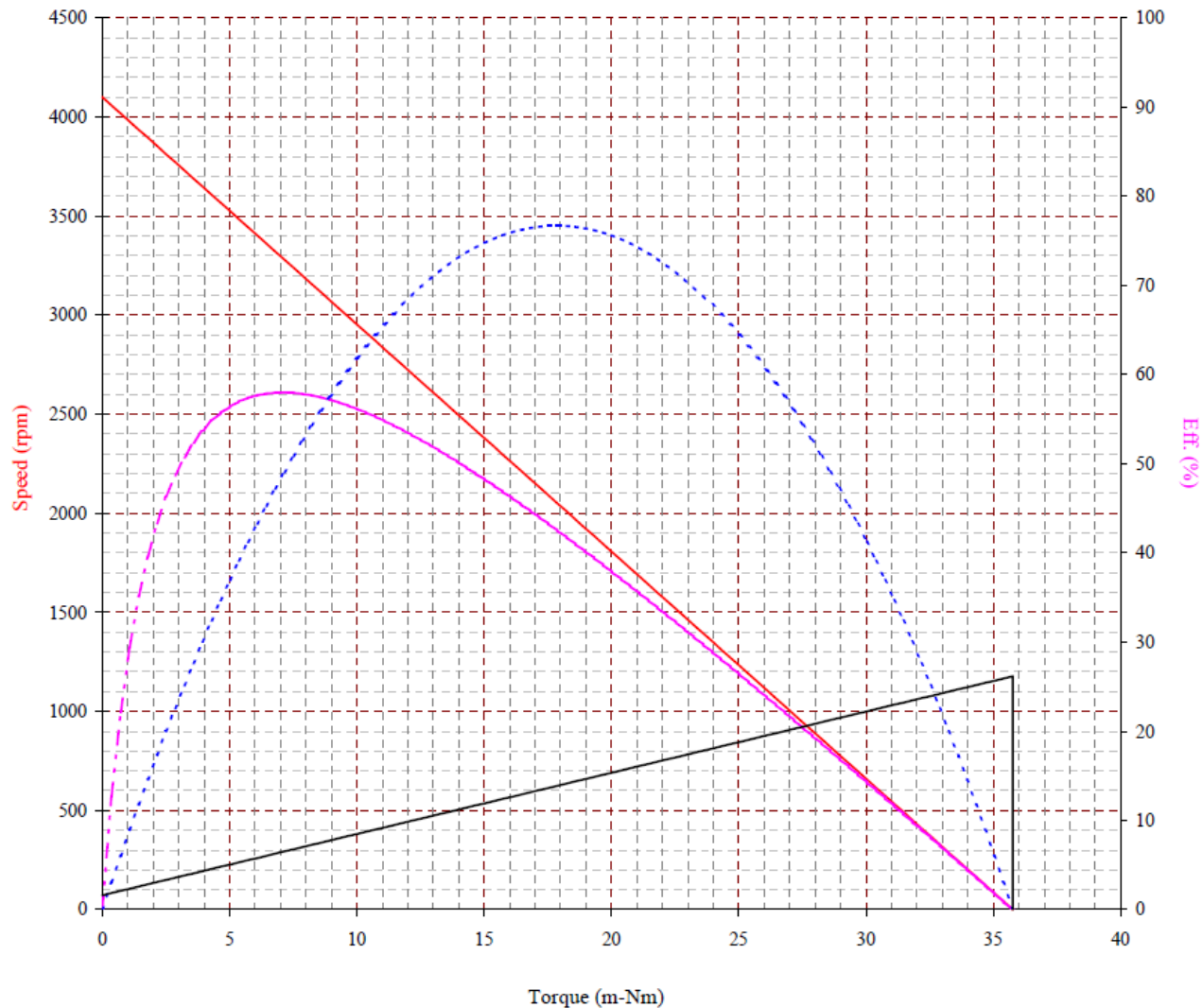
JOHNSON ELECTRIC ENGINEERING LTD.

6-22, Dai Shun St., Tai Po Industrial Estate, N.T., H.K. Fax: 852-2663 6108

Project No : Production Motor
Curve No : HC315XLG-34501

Winding : 0.16 - 130

Full Scales :
5.00 Amp
5.00 Watts



Issued by PE/ATP Dept., File No : C34501.xls , 5/13/99

Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of 13.00 Volts
with a circuit resistance 0.000 Ohm

(At the ambient temperature of 25-30 deg C)

At No Load

Speed : 4100 Rpm
Current : 0.080 Amp

At Stall (Extrapolated)

Torque : 35.76 m-Nm
Current : 1.31 Amp

At Maximum Efficiency

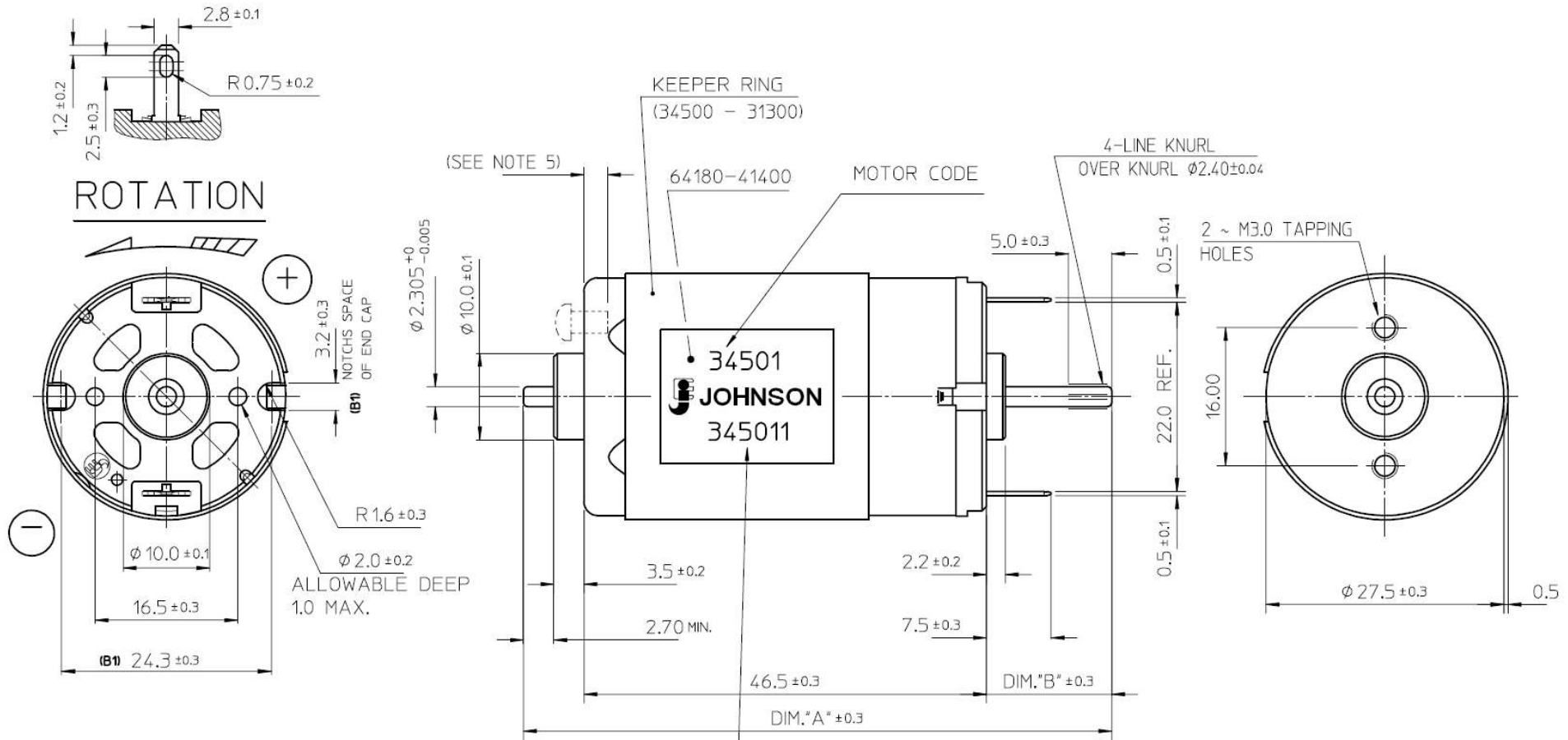
Efficiency : 58.00 %
Torque : 7.15 m-Nm
Speed : 3280 Rpm
Current : 0.33 Amp
Output : 2.45 Watts

At Maximum Power

Torque : 17.88 m-Nm
Speed : 2050 Rpm
Current : 0.69 Amp
Output : 3.84 Watts

Characteristics

Torque Constant : 29.1210 m-Nm/Amp
Dy. Resistance : 9.9400 Ohms
Motor Regulation : 114.6660 Rpm/m-Nm



DIRECT PRINT ONTO LABEL DATE CODE & PART NO. & NON REMOVABLE
 DATE CODE FORMAT:-
 FIRST DIGIT - STAND FOR LOCATION CODE
 e.g. 1 FOR P01 & P12, 3 FOR 301, 8 FOR 801
 SECOND DIGIT - STAND FOR PRODUCTION YEAR e.g. 4 FOR 1994
 THIRD & FOURTH DIGITS - STAND FOR PRODUCTION WEEK e.g. 50 FOR 50th WEEK
 FIFTH DIGIT - STAND FOR WEEK DAY
 e.g. 1 FOR MONDAY, 2 FOR TUESDAY, 3 FOR WEDNESDAY,
 4 FOR THURSDAY, 5 FOR FRIDAY, 6 FOR SATURDAY, 7 FOR SUNDAY.
 LAST DIGIT - STAND FOR LOT NUMBER

NOTES:-

1. LENGTH OF SHAFT, DIM. "A" $\underline{\underline{68.0}}$ mm..
2. REAR EXTENSION, DIM. "B" $\underline{\underline{14.5}}$ mm., MEASURED WITH SHAFT PUSHED AGAINST REAR HOUSING.
3. DIRECTION OF ROTATION : ANTI-CLOCKWISE WHEN VIEWING MOTOR OUTPUT END WITH POSITIVE VOLTAGE APPLIED TO POSITIVE TERMINAL.
4. END PLAY : $\underline{\underline{0.35}}$ mm. MAX..
5. MAX MALES SCREW LENGTH ENGAGED INTO MOTOR HOUSING TO BE 3.0 mm.