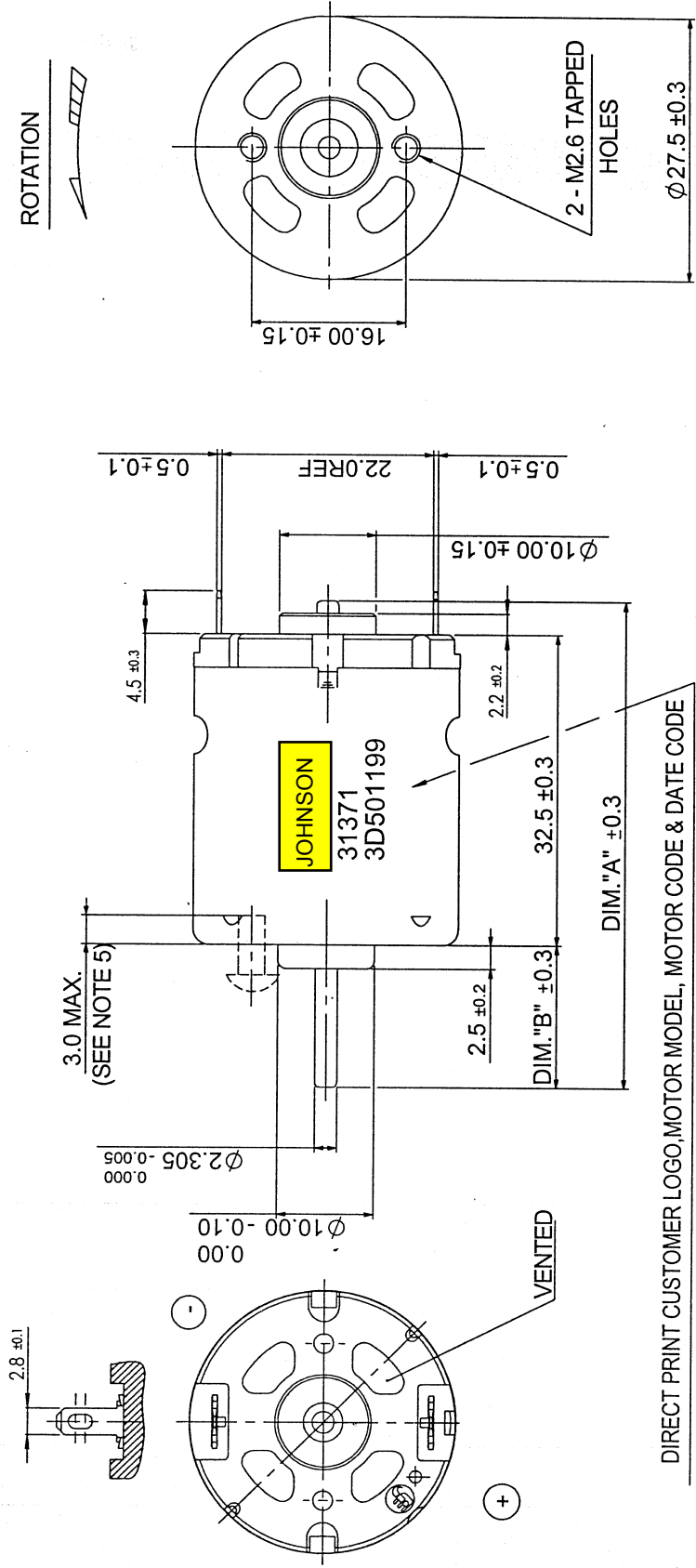


DATE (YYYYMMDD)	20031210
FIRST ISSUE (00L6044)	20020627
UPDATE THE PRINT FORMAT	20031210
DESCRIPTION	
BY	CHAN CINDY



DIRECT PRINT CUSTOMER LOGO, MOTOR MODEL, MOTOR CODE & DATE CODE
 ONTO REAR HOUSING. DATE CODE FORMAT AS ESDC - 038.

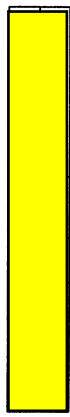
- NOTES:-
1. LENGTH OF SHAFT, DIM. "A" 51.0 mm..
 2. FRONT EXTENSION, DIM. "B" 15.0 mm., MEASURED WITH SHAFT PUSHED AGAINST PLASTIC END CAP.
 3. DIRECTION OF ROTATION, ANTI-CLOCKWISE WHEN VIEWING MOTOR OUTPUT END WITH POSITIVE VOLTAGE APPLIED TO POSITIVE TERMINAL.
 4. END PLAY: 0.50 mm. MAX..
 5. MAX. MALE SCREW LENGTH ENGAGED INTO MOTOR HOUSING TO BE 3.0 mm..

15 DEC 2003

SCN 0303564

OWN. BY	CINDY	CHK. BY	
Date (YYYYMMDD)	20031210	Date (YYYYMMDD)	
MATERIAL:			
FINISH:			
General Tolerance:	ISO 2745-1 Class m (Unless specified)		
CRITICAL DIM	1		
CONTROL DIM	1		
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TESTCO
 800-748-6285
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 P/N HC315G-27.5-32.5-001



Excellence in *Micromotors* Since 1959

SOF NO : 00U5044/05/011 (56896)

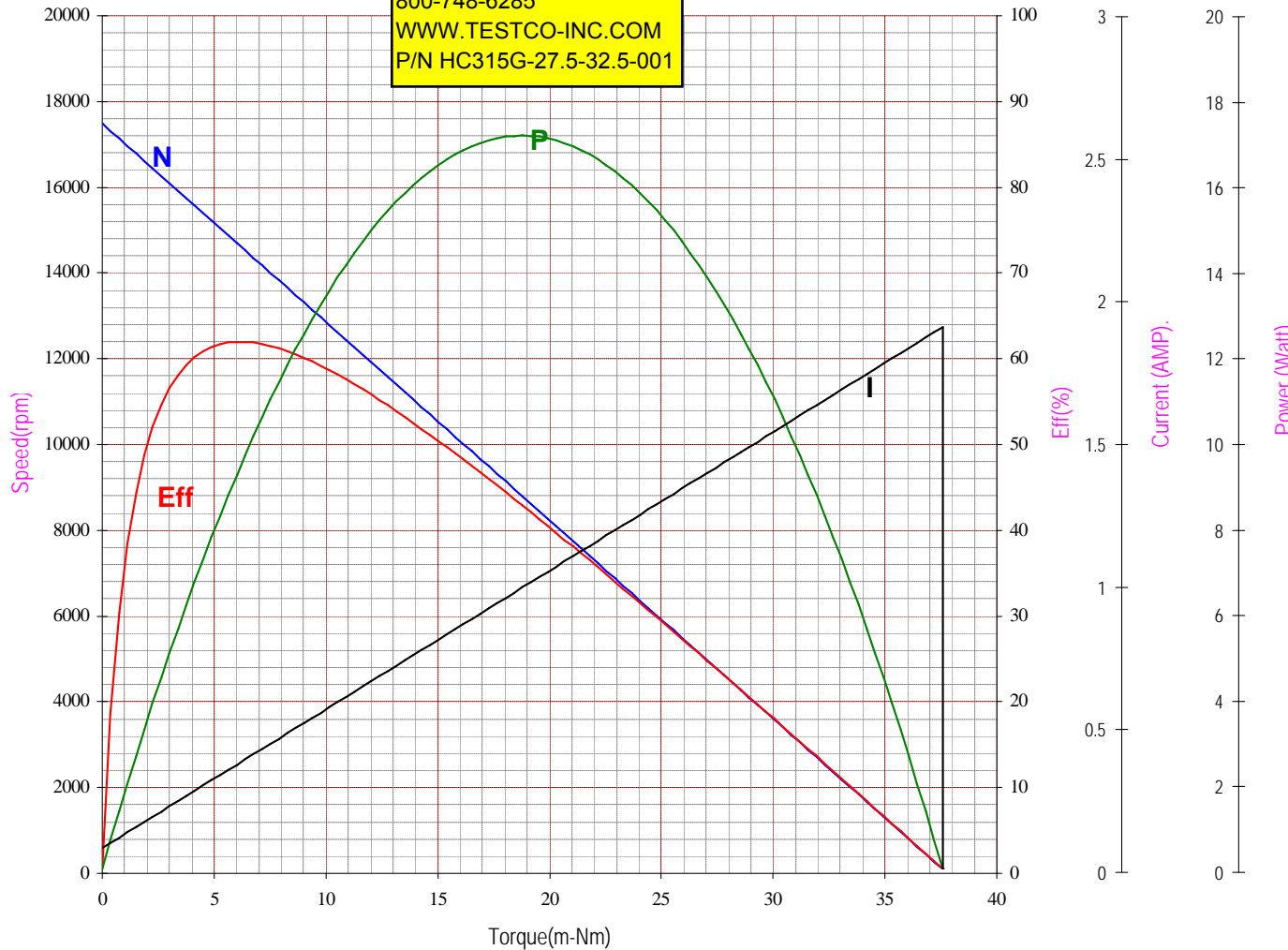
Date : 2002/11/02

Project No.: 00U5044/50/007

Winding : 0.12 - 215

Motor test reference no :

TESTCO
800-748-6285
WWW.TESTCO-INC.COM
P/N HC315G-27.5-32.5-001



Performance (In an ambient temperature of 25 -30 C)

Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of	41.00	Volts
With a circuit resistance	0.000	Ohms

At No Load

Speed :	17379 Rpm
Current:	0.073 Amp

At stall (Extrapolated)

Torque :	37.573 m-Nm
Current:	1.895 Amp

At maximum efficiency

Efficiency :	61.47 %
Torque :	6.176 m-Nm
Speed :	14523 Rpm
Current :	0.373 Amp
Output :	9.396 Watts

At maximum power

Torque :	18.786 m-Nm
Speed :	8690 Rpm
Current :	0.984 Amp
Output :	17.102 Watts

Characteristics

Torque Constant :	20.621 m-Nm/Amp
E.M.F Constant :	20.621 mV/rad/sec
Dy. Resistance :	21.631 Ohms
Motor Regulation:	462.551 Rpm/m-Nm

At Torque Level:

Torque: m-Nm

COMPUTER PRINT-OUT NOMINAL MOTOR CURVES.
Performance and characteristics are measured based on limited motor samples only.

Issued by Motor Sampling