

DIRECT PRINT ONTO LABEL. DATE CODE & PART NO. CHARACTERS ARE TO BE BLACK & NON-REMOVABLE.

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. 9 FOR 1999

THIRD & FOURTH DIGITS - STAND FOR PRODUCTION WEEK  
 e.g. 20 FOR 20th WEEK

FIFTH DIGIT - STAND FOR WEEK DAY  
 e.g. 0 FOR SUNDAY, 1 FOR MONDAY, 2 FOR TUESDAY, 3 FOR WEDNESDAY, 4 FOR THURSDAY, 5 FOR FRIDAY, 6 FOR SATURDAY.

LAST DIGIT - STAND FOR LOT NUMBER

- 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.

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ALL DIMENSIONS ARE IN MILLIMETRES DO NOT SCALE DRAWING

JOHNSON ELECTRIC GROUP OF COMPANIES ("JOHNSON ELECTRIC")  
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The assembler incorporating this motor into an apparatus has to ensure that his apparatus meets the appropriate local, national or international standards, directives and specification for EMC.  
 Johnson Electric is prepared to assist the assembler in solving potential EMC problems.

H1	RE-DRAWN		
ALT. REF.	DESCRIPTION	BY	DATE
MATERIAL	FINISH	TOLERANCES	
www.MuGuL.com		1 DEC. PLACE ± 0.15	
		2 DEC. PLACES ±	
		3 DEC. PLACES ±	
		ANGULAR ± 2°	
TITLE		SCALE	DATE
HC 315 G		2 : 1	
MOTOR OUTLINE		DWN. BY	M.L LI 09/02/99
		CHK. BY	
		APP. BY	
DWG. NO.			
JOHNSON ELECTRIC ENGINEERING LTD. A JOHNSON ELECTRIC GROUP COMPANY. JOHNSON BUILDING, TAI PO, HONGKONG.		34900-99900	

# JOHNSON ELECTRIC ENGINEERING LTD.

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

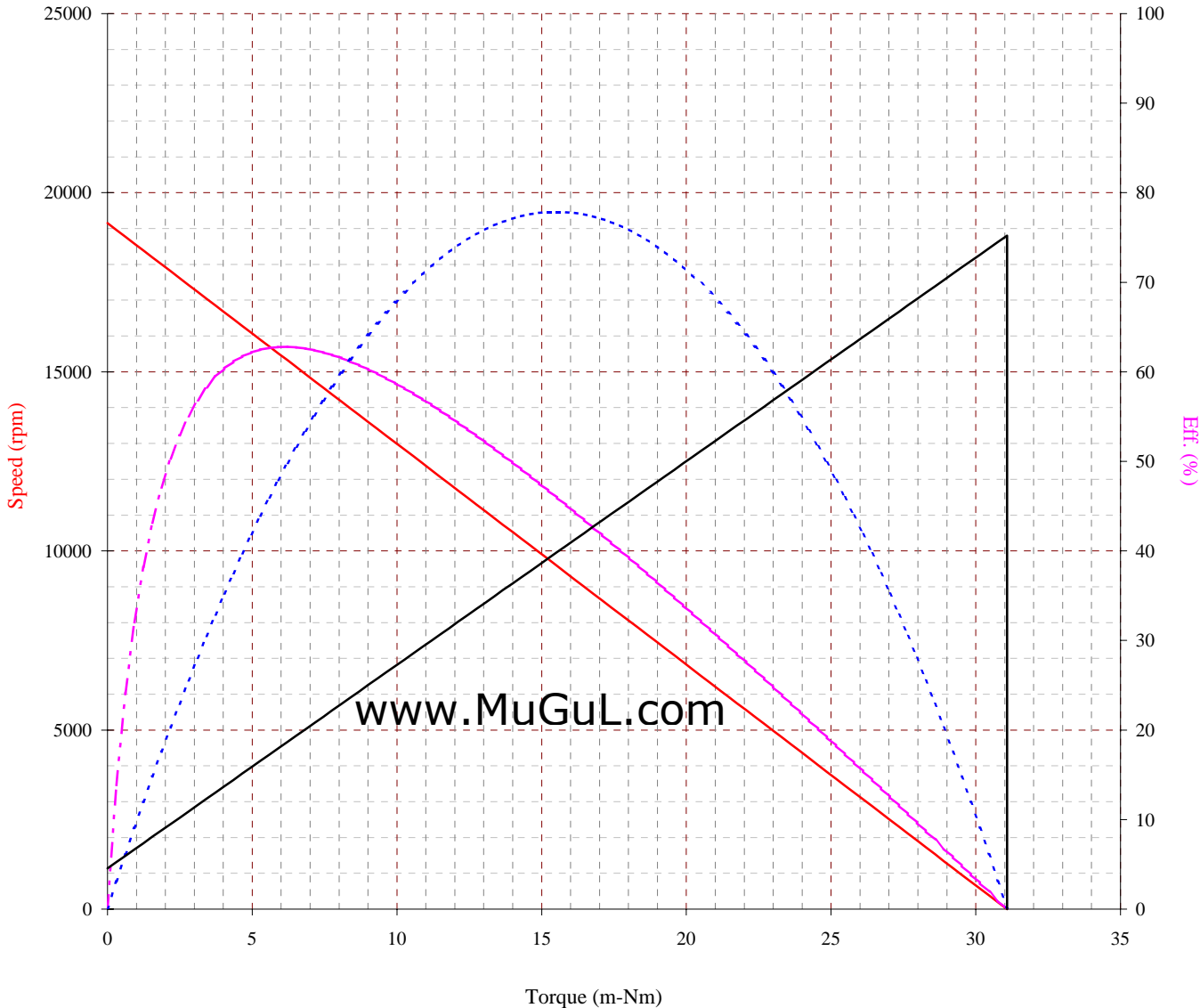
Project No : Production Motor  
Curve No : HC315G-34900

Winding : 0.18 - 85

Date : 04/27/1999  
Model :

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Full Scales :  
5.00 Amp  
20.00 Watts



Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **17.00** Volts  
with a circuit resistance **0.000** Ohm

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

At No Load

Speed : 19152 Rpm  
Current : 0.227 Amp

At Stall (Extrapolated)

Torque : 31.08 m-Nm  
Current : 3.76 Amp

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At Maximum Efficiency

Efficiency : 62.79 %  
Torque : 6.22 m-Nm  
Speed : 15322 Rpm  
Current : 0.93 Amp  
Output : 9.97 Watts

At Maximum Power

Torque : 15.54 m-Nm  
Speed : 9576 Rpm  
Current : 1.99 Amp  
Output : 15.57 Watts

Characteristics

Torque Constant : 8.7960 m-Nm/Amp  
Dy. Resistance : 4.5210 Ohms  
Motor Regulation : 616.2560 Rpm/m-Nm

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

Reference no : 26767