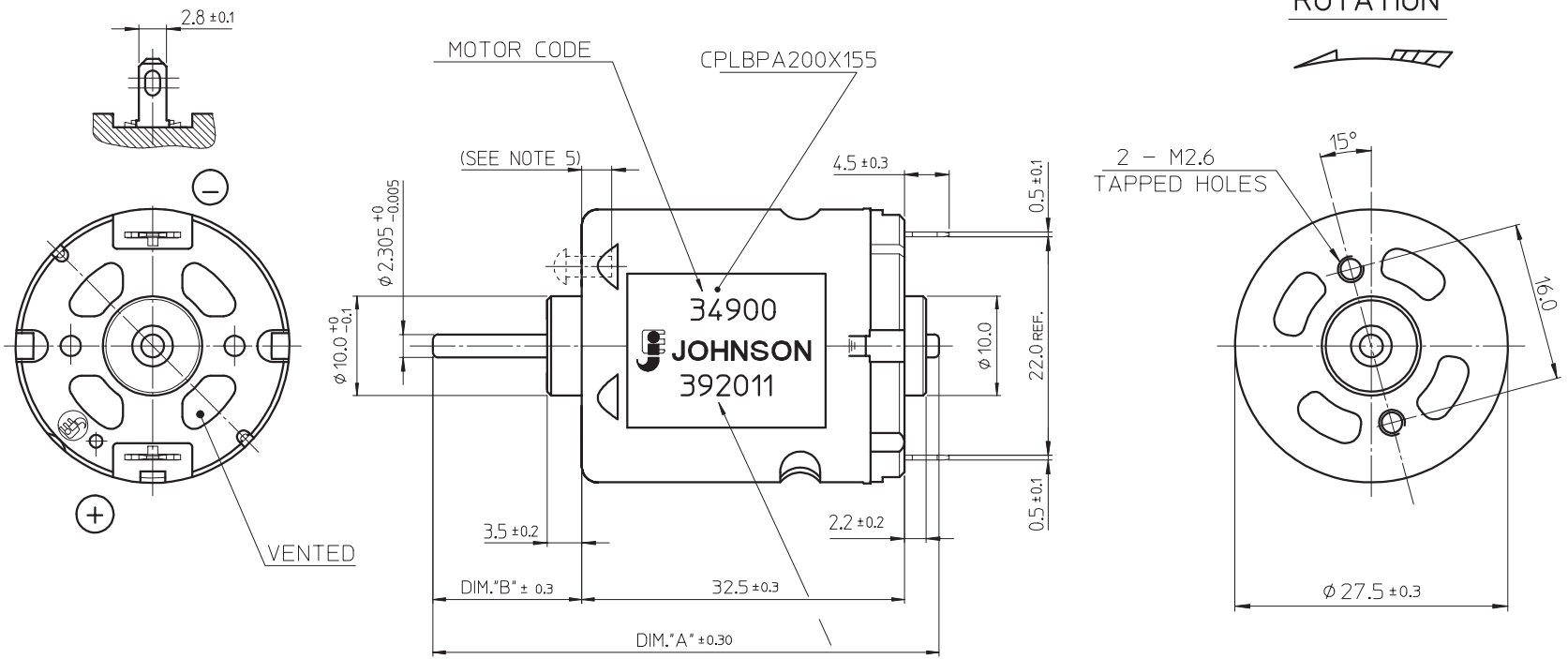


DIRECT PRINT ONTO LABEL. DATE CODE & PART NO. CHARACTERS
ARE TO BE BLACK & NON-REMOVABLE.
FIRST DIGIT – STAND FOR LOCATION CODE
e.g. 1 FOR P01 & P12, 3 FOR 301, 8 FOR 801
SECOND DIGIT – STAND FOR PRODUCTION YEAR e.g. 9 FOR 1999
THIRD & FOURTH DIGITS – STAND FOR PRODUCTION WEEK
e.g. 20 FOR 20th WEEK
FIFTH 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.

ALL DIMENSIONS ARE IN MILLIMETRES DO NOT SCALE DRAWING

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.

ALT. REF.	DESCRIPTION	BY	DATE
H1	RE-DRAWN		

MATERIAL | FINISH | TOLERANCES: 1 DEC. PLACE ± 0.15; 2 DEC. PLACES±; 3 DEC. PLACES±; ANGULAR ± 2° | A3

TITLE: HC 315 G
MOTOR OUTLINE

SCALE	2 : 1	DATE
DWN. BY	M.L LI	09/02/99
CHK. BY		
APP. BY		

JOHNSON ELECTRIC ENGINEERING LTD.
A JOHNSON ELECTRIC GROUP COMPANY.
JOHNSON BUILDING, TAI PO, HONGKONG.

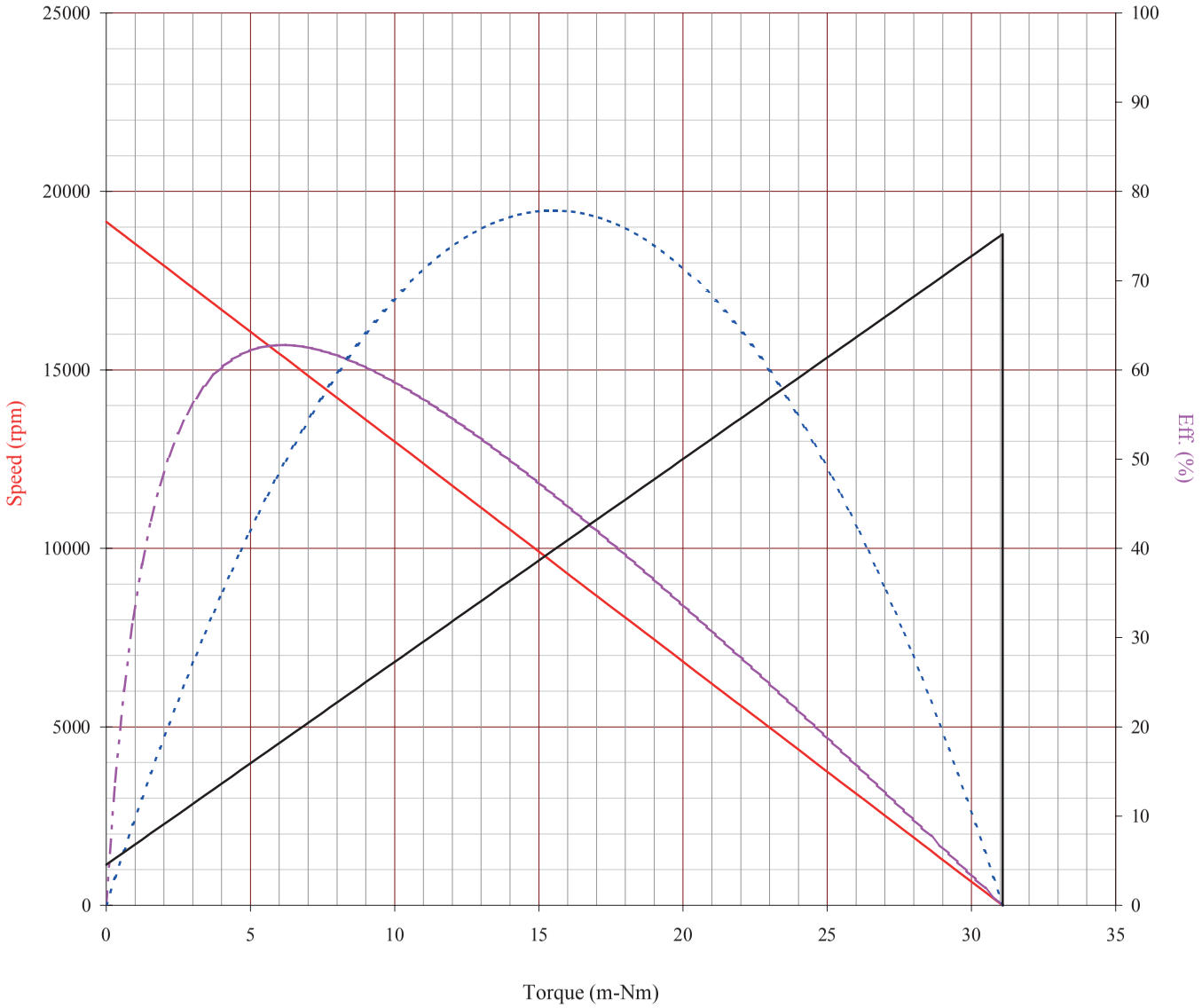
DWG. NO. 34900-99900

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 Winding : 0.18 - 85 Date : 04/27/1999
Curve No : HC315G-34900 Model :

Full Scales : 5.00 Amp
20.00 Watts



Issued by PE/ATP Dept., File No : C34900.xls , 5/13/99

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

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 charactertics are measured based on limited motor samples only.

Reference no : 26767