

DIRECT PRINT PART NO. & DATE CODE ONTO KEEPER RING.  
 CHARACTERS ARE TO BE BLACK AND NON-REMOVABLE, OF MIN. HEIGHT 3mm. DATE CODE FORMAT:  
 FIRST DIGIT - STAND FOR LOCATION CODE. eg. 1 FOR P01 & P12, 3 FOR 301, 8 FOR 801.  
 SECOND DIGIT - STAND FOR PRODUCTION YEAR. eg. 3 FOR 1993.  
 THIRD & FOURTH DIGITS - STAND FOR PRODUCTION WEEK. eg. 40 FOR 40th WEEK.  
 FIFTH DIGIT - STAND FOR WEEK DAY. eg. 1 FOR MON., 2 FOR TUE., 3 FOR WED., 4 FOR THU., 5 FOR FRI., 6 FOR SAT., 7 FOR SUN.  
 LAST DIGIT - STAND FOR LOT NUMBER.

NOTES:-

1. LENGTH OF SHAFT, DIM. "A" 85.0 mm..
2. FRONT EXTENSION, DIM. "B" 14.4 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. THE MALE SCREW LENGTH SHOULD NOT EXCEED 3.0 mm.

B		LABEL CHANG TO DIRECT PRINT.		BY	DATE
ALT. REF.	DESCRIPTION			BY	DATE
MATERIAL	FINISH	TOLERANCES		<b>A3</b> 	
		1 DEC. PLACE $\pm$ 0.15 2 DEC. PLACES $\pm$ 3 DEC. PLACES $\pm$ ANGULAR $\pm 2^\circ$			
TITLE			SCALE	1.5 : 1	DATE
HC 783 G			DWN. BY	VERA.	30/11/93
MOTOR OUTLINE			CHK. BY		
			APP. BY		
			DWG. NO.	73270-99900 B	
<b>JOHNSON ELECTRIC IND. MFTY. LTD.</b> JOHNSON BUILDING, CHAI WAN, HONGKONG.					

# JOHNSON ELECTRIC ENGINEERING LTD.

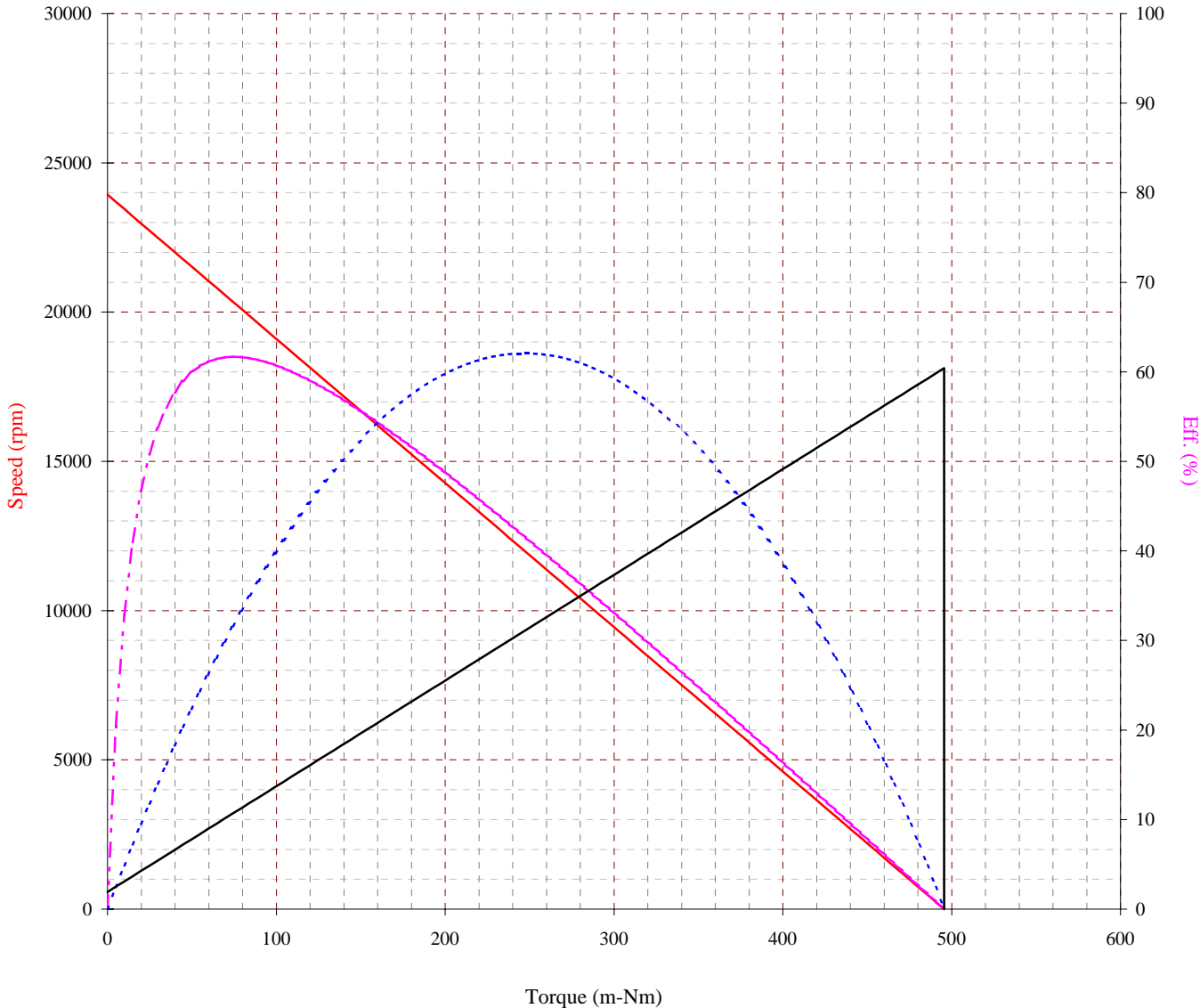
6-22, Dai Shun St., Tai Po Industrial Estate, N.T., H.K. Fax: 852-2663 6108

Project No : Production Motor  
Curve No : HC783G-73270

Winding : 0.85 - 22

Date : 04/27/1999  
Model :

Full Scales :  
200.00 Amp  
500.00 Watts



Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **12.00** Volts  
with a circuit resistance **0.000** Ohm

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

At No Load

Speed : 23934 Rpm  
Current : 3.834 Amp

At Stall (Extrapolated)

Torque : 495.59 m-Nm  
Current : 120.83 Amp

At Maximum Efficiency

Efficiency : 61.68 %  
Torque : 74.34 m-Nm  
Speed : 20344 Rpm  
Current : 21.38 Amp  
Output : 158.25 Watts

At Maximum Power

Torque : 247.80 m-Nm  
Speed : 11967 Rpm  
Current : 62.33 Amp  
Output : 310.33 Watts

Characteristics

Torque Constant : 4.2360 m-Nm/Amp  
Dy. Resistance : 0.0990 Ohms  
Motor Regulation : 48.2940 Rpm/m-Nm

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

Reference no : 22638