

DIRECT PRINT CUSTOMER CODE, VOLTAGE & DATE CODE ONTO LABEL.
 CHARACTERS ARE TO BE BLACK & NON-REMOVABLE DATE CODE FORMAT:-
 FIRST DIGIT - STAND FOR PRODUCTION YEAR e.g. 8 FOR 1998
 SECOND DIGIT & THIRD - STAND FOR PRODUCTION WEEK e.g. 02 FOR 02nd WEEK
 FOURTH 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.

NOTES:-

- LENGTH OF SHAFT, DIM. "A" 102.0 mm..
- FRONT EXTENSION, DIM. "B" 23.0 mm.
- DIRECTION OF ROTATION : ANTI-CLOCKWISE WHEN VIEWING MOTOR OUTPUT
END WITH POSITIVE VOLTAGE APPLIED TO POSITIVE TERMINAL.
- END PLAY : 0.05-0.15 mm.: STEP 1). APPLY FORCE OF 500gf IN DIRECTION "P"
STEP 2). THEN, APPLY ANOTHER FORCE IN DIRECTION "Q"
WITH 1 Kgf AND MEASURE THE END PLAY ACCORDINGLY.

ALL DIMENSIONS ARE IN MILLIMETRES

DO NOT SCALE DRAWING

| | | | | | |
|-----------|--|--|--|---------------------|----------|
| C1 | | DIM. R0.8 MAX. ADDED. & DATE CODE CORRECTED. | | BY | DATE |
| AL.T.REF. | | DESCRIPTION | | BY | DATE |
| MATERIAL | | FINISH | | TOLERANCES | |
| | | | | 1 DEC. PLACE ± 0.15 | |
| | | | | 2 DEC. PLACES ± | |
| | | | | 3 DEC. PLACES ± | |
| | | | | ANGULAR ± 2° | |
| TITLE | | HC 971(2) G | | SCALE | FULL |
| | | MOTOR OUTLINE | | DWN. BY | W.F.L. |
| | | | | CHK. BY | 03/10/99 |
| | | | | APP. BY | |
| | | | | DWG. NO. | |
| | | | | 97530-99900 | |

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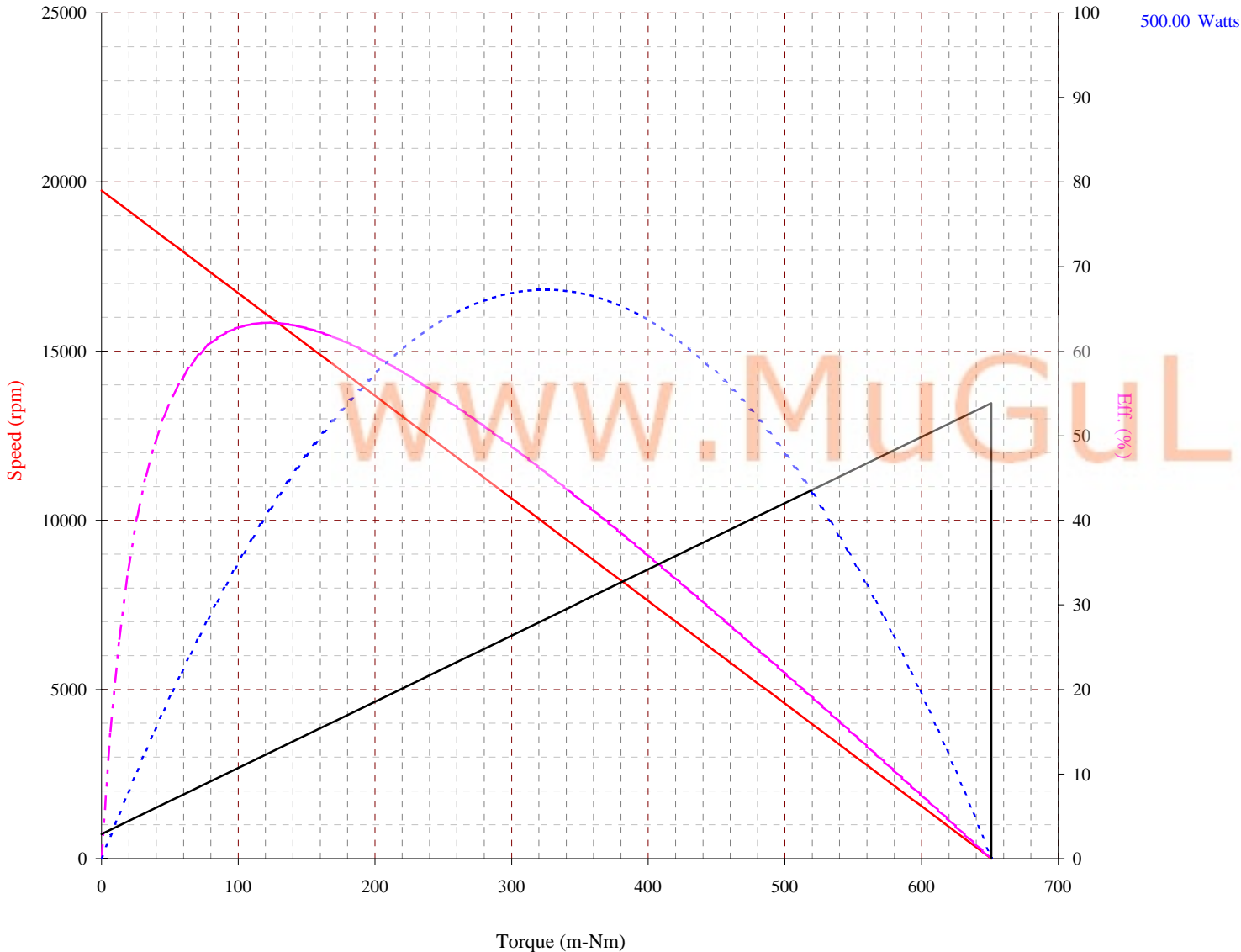
6-22, Dai Shun St., Tai Po Industrial Estate, N.T., H.K. Fax: 852-2663 6108

Project No : Production Motor
Curve No : HC971(2)G-97530

Winding : 0.75 - 4

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 **13.00** Volts
with a circuit resistance **0.000** Ohm

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

At No Load

Speed : 19750 Rpm
Current : 5.768 Amp

At Stall (Extrapolated)

Torque : 650.97 m-Nm
Current : 107.72 Amp

At Maximum Efficiency

Efficiency : 63.36 %
Torque : 123.68 m-Nm
Speed : 15998 Rpm
Current : 25.14 Amp
Output : 207.05 Watts

At Maximum Power

Torque : 325.49 m-Nm
Speed : 9875 Rpm
Current : 56.74 Amp
Output : 336.37 Watts

Characteristics

Torque Constant : 6.3850 m-Nm/Amp
Dy. Resistance : 0.1210 Ohms
Motor Regulation : 30.3390 Rpm/m-Nm

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

Reference no : 20876