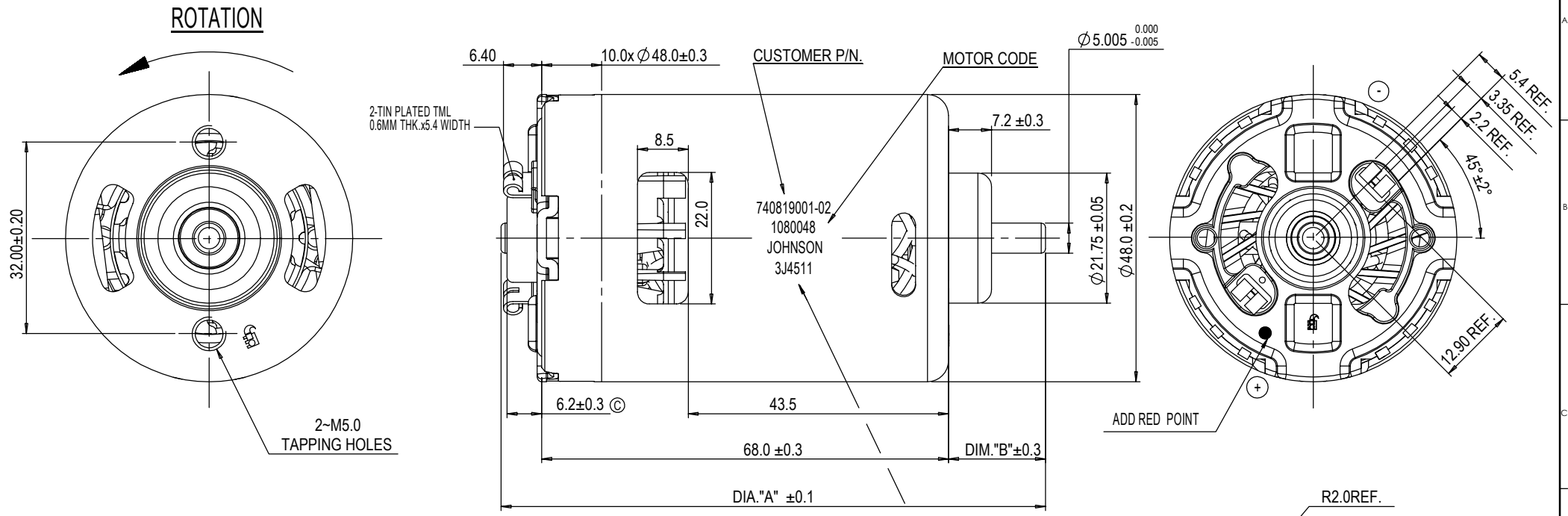


ALT.	REF.	DESCRIPTION	DATE	BY
B	SCN#08083001	CUSTOMER P/N.740819001-02 WAS "740819001-01".	20080104	S LIU
C	SCN#08083057	CHANGED THE DIM. FROM "5.8±0.3" TO "6.2±0.3".	20081215	QX CAO



DIRECT PRINT CUSTOMER P/N. & MOTOR CODE, JOHNSON & DATE CODE ONTO REAR HOUSING.
DATE CODE FORMAT AS ESDC-038.

- NOTES:
1. LENGTH OF SHAFT, DIM"A" 95.0 MM.
 2. FRONT EXTENSION, DIM."B" 17.1 MM, MEASURED WITH THE SHAFT PUSHED AGAINST THE END CAP SIDE.
 3. DIRECTION OF ROTATION : ANTI-CLOCKWISE WHEN VIEWING MOTOR OUTPUT END WITH POSITION VOLTAGE APPLIED TO POSITIVE TERMINAL.
 4. ENDPLAY : 0.20 MM MAX.
 5. TAPPED HOLES CAN ACCEPTE MAX. USABLE SCREW LENGTH OF 4.0 MM.
 - 6.MOTOR WEIGHT:464±5%g.

DWN. BY YH CHEN	CHK. BY	APP. BY
Date (yyyymmdd) 20050916	Date (yyyymmdd)	Date (yyyymmdd)

MATERIAL :

FINISH :

General Tolerance : ISO 2748-1 Class m (Unless specified)

JOHNSON ELECTRIC JOHNSON ELECTRIC GROUP OF COMPANIES ("JOHNSON ELECTRIC")

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TESTCO
800-748-6285
WWW.TESTCO-INC.COM
P/N HC877P-048-068-001

Cpk	Characteristics	
	Key Product	Customer Significant
> 1.67	⊙	■
> 1.33	⊕	■
> 1.00	⊗	■
Not Required	⊘	■

Excellence in *Micromotors* Since 1959

Date : 05/18/10

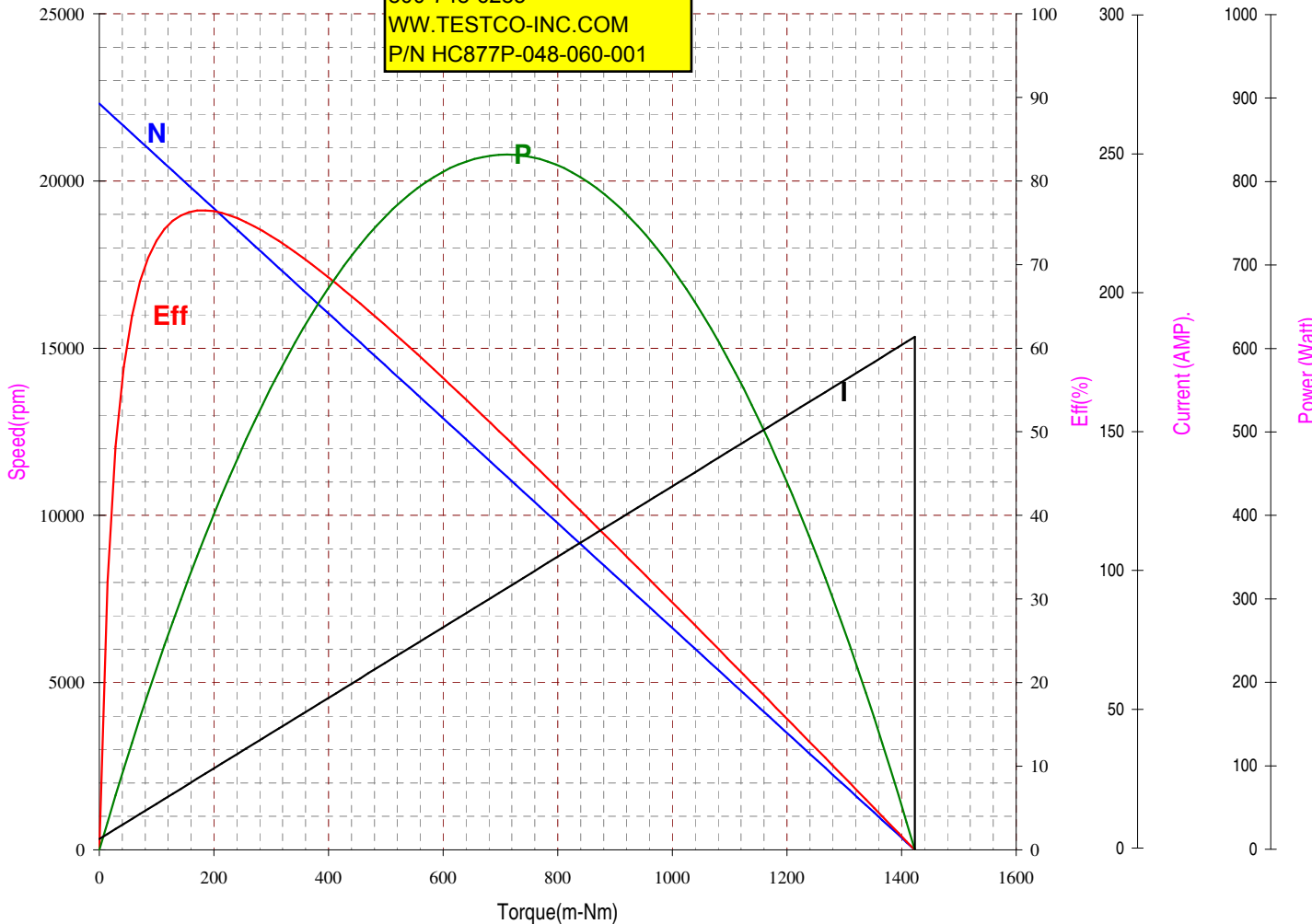
SOF NO : 15/0004 (88483)

Project No.: 05Y3180

Winding : 0.95 - 8

Motor test reference no :

TESTCO
800-748-6285
WW.TESTCO-INC.COM
P/N HC877P-048-060-001



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

Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of	18.00	Volts
With a circuit resistance	0.000	Ohms

At No Load

Speed :	22310 Rpm
Current:	3.907 Amp

At stall (Extrapolated)

Torque :	1423.137 m-Nm
Current:	184.046 Amp

At maximum efficiency

Efficiency :	76.49 %
Torque :	180.975 m-Nm
Speed :	19473 Rpm
Current :	26.814 Amp
Output :	369.198 Watts

At maximum power

Torque :	711.568 m-Nm
Speed :	11155 Rpm
Current :	93.976 Amp
Output :	831.565 Watts

Characteristics

Torque Constant :	7.900 m-Nm/Amp
E.M.F Constant :	7.900 mV/rad/sec
Dy. Resistance :	0.098 Ohms
Motor Regulation:	15.677 Rpm/m-Nm

At Torque Level:

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

Issued by Motor Sampling