

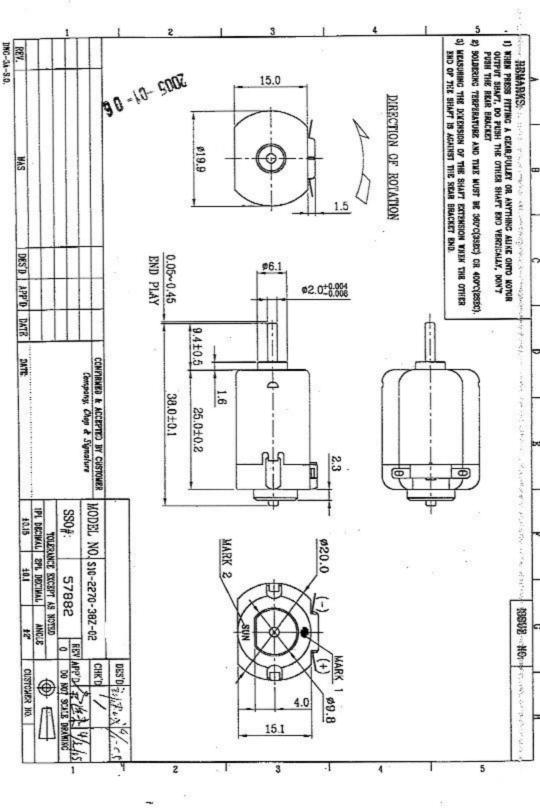
DATA SHEET

Motors

| Order code | Manufacturer code | Description |
|------------|-------------------|-----------------------|
| 37-0140 | n/a | 3V 13100 RPM DC MOTOR |

| Motors | Page 1 of 5 |
|--|-------------|
| The enclosed information is believed to be correct, Information may change 'without notice' due to | Revision A |
| product improvement. Users should ensure that the product is suitable for their use. E. & O. E. | 04/07/2003 |

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MOTOR OUTGOING SPECIFICATION

医灌冲断细胞

:S10-2270-38Z-02 Model No.

REV : 0 SSO#:57882

L Motor Type: 英雄新型

Small PMDC motor 微型南流馬達

& Standard Operating Conditions:

標準工作條件

2-1 Rated Voltage(額定電影):

2-2 Direction of Rotation(詹轉方向):

2-3 Operation Temperature Range(工作溫度范圍):

2-4 Operation Humidity Range(工作返股范圍):

3.0Y DC CONSTANT between motor terminals(第子穩壓3.0V).

CCW when viewed from output shaft side(從輸出軸端看CCW).

Between 0°C and 50°C(₹€0°C ~50°C)

Between 5% and 95%(年5%~95%)

& Measuring Conditions:

測試修件

3-1 Motor Position(黑漆放置狀態):

3-2 Power Supply(電源);

3-3 Environment Temperature and Humidity(環境濃度及濃度);

Motor to be held with shaft horizontally(馬達測試時水平放置).

Regulated power supply which assures unquestionable

measurement(確保測試沒問題的模壓電源).

The test is made in principle at a temperature between 15°C and 35°C and at a relative humidity

75%(一般在15℃~35℃及相對濕度75%的環境下測試).

& Electrical Characteristics (at initial stage after 30 seconds run-in):

電氣特性(起動30秒后的初始階段)

4-1 No Load Current(無食荷量流):

4-2 No Load Speed(無食荷轉速):

4-3 No Load Starting Voltage(無負荷記動電影):

4-4 Rated Load(額定負載):

4-5 Rated Load Current(額定負載電流):

4-6 Rated Load Speed(額定負款轉速):

4-7 Fan Load Current(風葉貴載電流):

4-8 Fan Load Speed(風蒸負載轉速):

4-9 Fan Load(風養負載):

0.34A max.

16400±2460rpm.

0.6Vmax

8.0 g-cm.

1.07A max.

13100±1570rpm.

1.28A max.

12900±1550mm.

I-shaped fan load with size30x15.0mm(approximately equivalent to 9.4g-cm).

30X15.0mm一字形風葉(大約等于9.4g-cm)

4-10 Motor Characteristic Curve(馬達性能曲線): See Motor Performance Curves And Characteristics(見馬達特性由線圖).

4. Mechanical Characteristics:

機械特性

5-1 Dimensions(外形尺寸):

5-2 End Play(虚位):

5-3 Runous of Shaft Extension(輸突端跳動):

As Per Drawing attached(所附圖面57882)

0.05~0.45 mm

0.05 mm max.

CONFIRMED & ACCEPTED BY CLISTOMER

本戶接受企建設

COMPANY, CHOP & SIGNATURE

苦意及答名

DATE

2005 -01= 8 E

Part List

Model No.

: S10-2270-38Z-02

SSO#:57882

REV.

: 0

1. Plastic Cap

a)Manufacturer

: Taita chemical co.,Ltd

b) Material

: Acrylonitrile butadiene styrene.

2. Body Casing

a) Material

: Electrolyti zinc plated steel sheet SECC.

3. Leaf Spring

a) Material

: Phosphor bronze.

4. Lamination

a) Material

: Laminated silicon steel.

5. Armature Magnet Wire

a) Manufacturer

: Tai-l Electrical Wire & Cable Co., Ltd.

b) Material

: Polyurethane coated copper wire, UEW.

c) UL File No.

: E85640 (S)

OR

a) Manufacturer

: Xin Long Magnet Wire Co., Ltd.

b) Material

: Polyurethane coated copper wire, UEW.

c) UL File No.

: E171082 (S)

6. Magnet

a) Material

: Isotropic ferrite magnet.

7. Commutator

a) Material

: Three copper bars insulated from shaft by glass reinforced 66 nylon.

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