

A

B

C

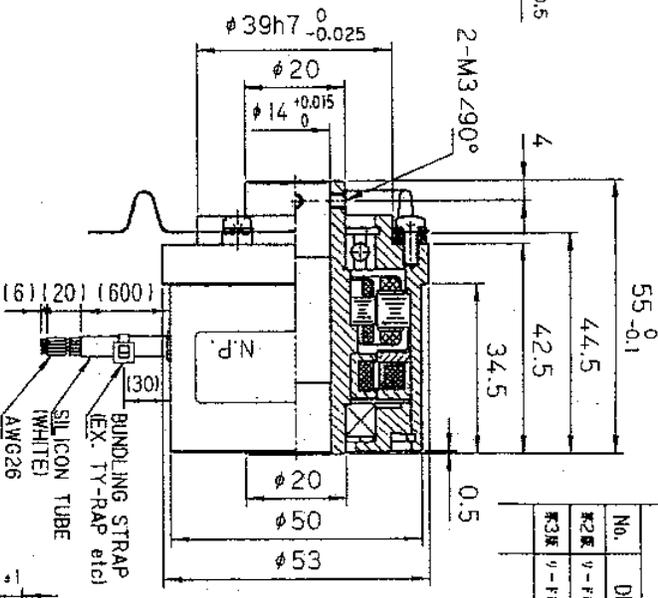
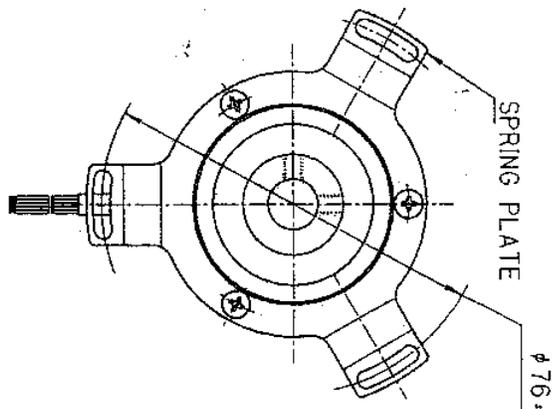
D

SmartSUN PAT.PEND

項目	仕様	備考
CHARACTERISTICS		REMARKS
FUNCTION	1X-BRT	矩形波
INPUT VOLTAGE	AC 10V0-p 4KHZ	SQUARE WAVE
PRIMARY	STATOR	
TRANSFORMATION RATIO	0.3 ± 5 %	
ELECTRICAL ERROR	± 10 · MAX	TESTED WITH LENZE R/D
PHASE SHIFT		
RESIDUAL VOLTAGE (TOTAL)		
AC IMPEDANCE	Zs0 102+ j150 Ω NOM	
DC RESISTANCE	Zs5 44+ j76 Ω NOM	
DC RESISTANCE	4.6 Ω REF	
DC RESISTANCE	19 Ω REF	
DIELECTRIC STRENGTH	AC 500V 1 min	60(50)HZ
INSULATION RESISTANCE	10 MΩ MIN	DC 500 V
WEIGHT	0.305 kg NOM	(60 <sup>2</sup> /4)
ROTOR MOMENT OF INERTIA	20X10 <sup>-6</sup> kg·m <sup>2</sup> NOM	
OPERATING TEMP. RANGE	-10°C ~ +120°C	
MAX. OPERATING SPEED	8,000 min <sup>-1</sup>	SHUNT PERIOD (0.000 min <sup>-1</sup> )
HUMIDITY	90 % RELATIVE	
VIBRATION	10-55Hz, 1.5mm DBL AMPS	
SHOCK	15G / 11 msec	

NOTE: 1. 指定なき寸法公差は±0.5mmとする。  
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±0.5mm.

- 出力電圧方程式  
OUTPUT EQUATION:  $E_{R1-R2} = K(\omega - E) \sin \theta - E_{S2-S4} \cos \theta$   
+  $\theta$ : 取付フランジ側から見たロータCCW回転時  
ROTOR IS CCW ROTATION VIEWED FROM SPRING PLATE SIDE.
- 電気誤差の高調波成分は高調波限界曲線を越えないこと。(図1)  
HARMONIC CONTENT OF ELECTRICAL ERROR SHOULD NOT EXCEED HARMONIC LIMIT CURVE. (FIG 1)  
(詳細はLENZE仕様書 339535.6.301201(1)を参照)  
(IN DETAIL, SPECIFICATION OF LENZE PART NO.339535.6.301201)
- 付属品: 六角穴付き止めねじM3-5 2個を付属のこと。  
ACCESSORY: M3 HEXAGON SOCKET SET SCREW x 2 PIECES.



REVISIONS		
No.	DESCRIPTION	DATE
第2版	ロータの打ち出し口形状変更	95.8.18
第3版	ロータの打ち出し口形状変更	96.5.14

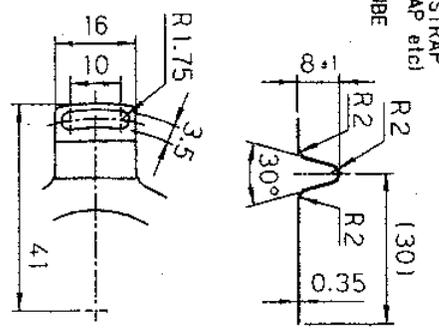
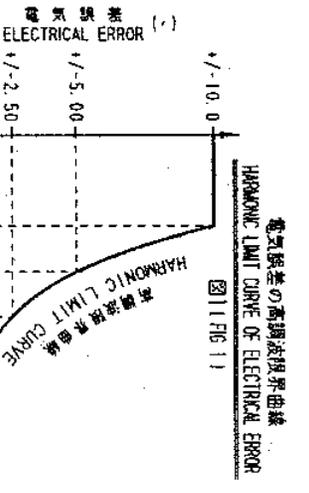


FIG No. 026510003K40

DESIGNER	DATE	MODEL NO.	TITLE
Y. Takahashi	94. 9.19	TS265IN31E78	ブラシレスレゾルバ
CHKD	SCALE	3RD ANGLE PROJECTION	BRUSHLESS RESOLVER
K. Takahashi	1/1		
APP'D	DWG NO.		
A. Aho	026510003S30		

JIS A31297X(420) A

B

TAMAGAWA SEIKI CO.,LTD.