1	2 3	V.	4		5			6				7		
MOTOR SPECIFIC (TENTATIV	CATION E)													
	S90D1304-XXXX													
	SSOFTON ANA													
1. SCOPE														
THIS SPECIFICATION COVERS THE REQUIREMENTS FOR THE STEP MC THAT CONSISTS OF UNIPOLAR WIN HYBRID MAGNET ROTOR	GENERAL JTOR S90D130A-XXXX JDING STATOR AND													
2. ELECTRICAL CHARACTERIS'	TICS													
ITEM	SPECIFICATION	DESCRIPTION						SPECIEICATION			DECONT	CDIDTION		
DUTY	CONTINUOUS		TIEM	ITEM				SPECIFIC	ATION		DES	CRIPTION		
DRIVE VOLTAGE	48 V D.C		OPER AT	ODED ATION A MDIENT TEMPED ATUDE				0°C~+50	0°C∼+50°C					
RATED CURRENT	3.0 A (PHASE)		OTERAL			II LKAI U	KL	0 C +30	C					
STEP ANGLE	1.8°(DEG) FULL STEP		OPERATION AMBIENT HUMIDITY				20%RH ~	90%RH	0%RH		NOTE)9			
NUMBER OF PHASE	2PHASE UNIPOLAR 2PHASE EXCITING										<i>y.</i>			
INSULATION CLASS(UL)	UL CLASS B (COIL)		STORAGE AMBIENT TEMPERATURE				0°C~+50	°C						
WINDING RESISTANCE	0.49Ω±10%	25°C												
WINDING INDUCTANCE	1.5mH±20%	NOTE)1	STORAC	STORAGE AMBIENT HUMIDITY				15%RH ~	95%RH		NOTE)9			
HOLDING TORQUE	1.72N·m(1.75kgf·cm) MIN.	NOTE)2												
DETENT TORQUE	103mN·m(1.05Kgf·cm) REF.					PLEASE	DON	T HOLD MO	TOR BY LI	EAD WI	RES NO C	DUTSIDE		
MAX STARTING PULSE RATE	670PPS MIN.	NOTE)3				FORCE ON THE EXIT OF LEAD WIRES								
POSITIONAL ACCURACY	±0.09°(DEG) MAX.	NOTE)4			-									
DIELECTRIC STRENGTH	1800V A.C 1MINUTE NO ABNORMAL	NOTE)5				PLEASE DON'T PLUG OR UNPLUG THE MOTOR CONNECTO								
INSULATION RESISTANCE	100 MΩ MIN.	NOTE)6						WHILE POWER ON						
TEMPERATURE RISE	80 K (80 DEG ) MAX.	NOTE)7			-									
3. MECHANICAL CHARACTERI	STICS					PLEASE	DON	T DROP HUR	RLAND DU		TOR AGA	AINST		
ITEM	SPECIFICATION	DESCRIPTION		7			EARLY STAGE AFTER SUCH SHOCK BUT IT MAY BE FOUND							
MECHANICAL DEMENSION	ACCORDING TO SPECIFICATION Y-21-0806-0(PAGE3/3)		CAUTIC	CAUTION AND RECOMMENDATION				LATER THIS TYPE OF MISHANDLING VOIDS OUR WARRAN						
SHAFT MATERIAL	SUS303		RECOMMENDATION			THE FUNCTION OR PERFORMANCE SHALL BE EVALUATED '								
BEARING	SINGLE ROW BALL BEARING		71				INSTALLING MOTOR TO APPLICATION THAT SHOULD BE CHECKED AT BUYER'S SIDE							
END BELL MATERIAL	ALUMINUM ALLOY		<b>1</b>											
MASS	APPROXIMATELY 2000g				ŀ									
ROTOR INERTIA	$\frac{1400 g \cdot cm^2 (1.4 g \cdot cm \cdot s^2)}{APPROXIMATELY 1400 g \cdot cm^2 (1.4 g \cdot cm \cdot s^2)}$				PLEASE DON'T REUSE DISASSEMBLED MOTOR									
4. ADDITIONAL	· · · · · · · · · · · · · · · · · · ·					OUR CC	ORPO	RATION WILI	. NOT BE I	RESPON	SIBLE FO	OR ANY		
ITEM	SPECIFICATION	DESCRIPTION				PATENT	DISF	UTE OR PRO	BLEM CA	USED B	Y ACTUA	L		
DIRECTION OF ROTATION	PHASE SEQUENCE TO PRODUCE CLOCKWISE ROTATION VIEWED FROM MOUNTING END IS AS TABLE 1	5				APPLIC.	AHO							
TYPE OF LEAD WIRE	a3/UL 2517-1674 LF 6×22 AWG		MATERIAL									S90D130A-X		
COLOR OF LEAD WIRE	ACCORDING TO TABLE 2		FINISH			'21 SYM F	-08-06	 REVISION NO	00 First ve	ersion DNS	Hu Jinping BY	NOTE		
LIFE	5000 HOURS MIN.	NOTE)8	DRAWN Dongguan Kaifull	DESIGNED	CHECKED	CHECKE	ED .	1.2.1.51014140.	TITLE	MOTR	SPECIFICATIO	THIRD AN		
MATERIALS OF MOTOR CONTAIN	TEN SUBSTANCES Pb Cr(VI+) Cd Hg PBB PBDE DEHP BBP	DBP AND DIBP THOSE		Dongguan		+	- 5	CALE	DWGNO.	V.	21-0806-0			
CONTENTS COMPLY WITH THE DA	HS INSTRUCTION		Kaifull	Kaitull							21-0000-0			

	1	2		3		<b>y</b> 4		5				6			7	
5. NOT	re															
1.	MEASURED A	l'1kHz 1Vrms								FIG1	. TEST	DRIVE (	CIRCUIT			
2.	MEASURED A	FRATED CURRENT A	ND 2PHASE EXC	TTING												
3.	MEASURED A	Γ NO LOAD														
4.	EXCLUDING H	IYSTERESIS 2PHASE	EXCITING													
5.	THERE SHOUI 1MINUTE BET CURRENT IS 3	LD BE NO BREAK DO' WEEN MOTOR FRAM mA MAX.	WN AT 50Hz&60H E AND LEAD WI	Hz APPLIED FOR RES AND THE C	UT OFF					V+						
6.	APPLY 500V D	C BETWEEN MOTOR	FRAME AND LE	AD WIRES						A- G- B+ G- B- G-						
7.	WITH TEST CI MOTOR IS OPI LOAD WITH A	RCUIT OF FIG.1 MEAS ERATED AT 2PHASE E LUMINIUM HEAT SIN	URED BY RESIS XCITING 3.0A/PI K160×160×t6	TANCE METHOI HASE(PEAK)670F	O WHEN PPS NO								Y2SD2			
8.	WITH TEST CI 670PPS BEARI AFTER LIFE T SPECIFICATIO	RCUIT OF FIG.1 2PHA NG TEMPERATURE M EST IT SHOULD CONF N UNDER OPERATIOI	SE EXCITING I=: UST BE 80°C MA FORMS THE ELE N AMBIENT	3.0A/PHASE(PEA XX. TO DO LIFE 1 CTRICAL	K) AT TEST					STEP+ O STEP- O DIR+ O DIR- O						
9.	NO CONDENS	ATION								EN+ O- EN- O-						
	【TABLE1】 P	HASE SEQUENCE (2)	PHASE													
	EXCITING)	A B Ā B + + - + + - + +									I=3.0.	A/PHAS	E(PEAK) A	DJUSTE	D	
	<u>4</u> 5	+ + + +														
	【TABLE2】 C	OLOR OF LEAD WIRES														
								1			_					
	COLOR BLACK	B A B					MATERIAL			(21.09.07			00 F		S9	0D130A-X
							FINISH		SYM	DATE	REVIS	SION NO.	REVISIO	NS F	BY	NOTE
							DRAWN	DESIGNED CHECK	KED CI	HECKED	SCALE	-	TITLE	MOTR SP	ECIFICATION	THIRD A PROJECT

