DTOR M ISTOME SCOPE HIS SPECIE GQUIREM DNSISTS (AGNET R ELECTR TEM UTY RIVE VOI ATED CU TEP ANG UMBER (INDING OLDING TETENT TO HAX STAR OSITIONA HELECTR ISULATIC EMPERAT MECHAL	ER MODEL CIFICATION COVER MENTS FOR THE ST G OF BIPOLAR WINI ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE	Y07-43D4- Y07-43D4- S THE GENERAL TEP MOTOR Y07-43D4- DING STATOR AND HY TERISTICS SPECIFIC CONTINU 24 V D.C 2.0 A (PH 1.8° (DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	CATION UOUS ASE) 1) FULL STEP UNIPOLAR 2PHASE EXCITING IS B (COIL) 6 20%	DESCRIPTION 25°C NOTE)1 NOTE)2	OPERA STORA	TION AMB TION AMB GE AMBIE	IENT HU			SPECIFIC 0°C∼+50° 20%RH ∼	PC .			RIPTION	
DTOR M ISTOME SCOPE HIS SPECIE GQUIREM DNSISTS (AGNET R ELECTR TEM UTY RIVE VOI ATED CU TEP ANG UMBER (INDING OLDING TETENT TO HAX STAR OSITIONA HELECTR ISULATIC EMPERAT MECHAL	(TENTAMODEL ER MODEL ER MODEL CIFICATION COVER MENTS FOR THE ST G OF BIPOLAR WINI ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	Y07-43D4- Y07-43D4- S THE GENERAL TEP MOTOR Y07-43D4- DING STATOR AND HY TERISTICS SPECIFIC CONTINU 24 V D.C 2.0 A (PH 1.8° (DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	CATION UOUS ASE) 1) FULL STEP UNIPOLAR 2PHASE EXCITING IS B (COIL) 6 20% 790kgf·cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
STOME SCOPE HIS SPECIE QUIREM ONSISTS (A AGNET R ELECTR FEM HUTY RIVE VO. ATED CU TTEP ANGI VIMBER (I VIMBER (I VIMBER (I VIMDING) OLDING (I ETENT TO HAX STAR OSITIONA HELECTR NSULATIC EMPERA MECHAI	ER MODEL CIFICATION COVER MENTS FOR THE ST S OF BIPOLAR WINI ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	S THE GENERAL TEP MOTOR Y07-43D4-5 DING STATOR AND HY TERISTICS SPECIFIC CONTINU 24 V D.C 2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH±′ 0.77N·m(190mN·m	CATION UOUS ASE) 1) FULL STEP UNIPOLAR 2PHASE EXCITING IS B (COIL) 6 20% 790kgf·cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
STOME SCOPE HIS SPECIE QUIREM ONSISTS (A AGNET R ELECTR FEM HUTY RIVE VO. ATED CU TTEP ANGI VIMBER (I VIMBER (I VIMBER (I VIMDING) OLDING (I ETENT TO HAX STAR OSITIONA HELECTR NSULATIC EMPERA MECHAI	ER MODEL CIFICATION COVER MENTS FOR THE ST S OF BIPOLAR WINI ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	S THE GENERAL TEP MOTOR Y07-43D4-5 DING STATOR AND HY TERISTICS SPECIFIC CONTINU 24 V D.C 2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH±′ 0.77N·m(190mN·m	CATION UOUS ASE) 1) FULL STEP UNIPOLAR 2PHASE EXCITING IS B (COIL) 6 20% 790kgf·cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
SCOPE HIS SPECIE QUIREM ONSISTS OF AGNET RE ELECTR FEM HUTY RIVE VOI ATED CU TEP ANGI UMBER ON INDING OLDING OLDING ETENT TO IAX STAR OSITIONA HELECTR NSULATIC EMPERA MECHAL	CIFICATION COVER MENTS FOR THE ST G OF BIPOLAR WINI ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	TEP MOTOR Y07-43D4-2DING STATOR AND HY TERISTICS SPECIFIC CONTINI 24 V D.C 2.0 A (PH 1.8° (DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH±′ 0.77N·m(190mN·m	EATION UOUS ASE) i) FULL STEP UNIPOLAR 2PHASE EXCITING iS B (COIL) 6 20% 790kgf-cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
HIS SPECIEQUIREMONSISTS (AAGNET RELECTREMENTER AGNET REMENTED AND ATED CUTTEP ANGIOUNDER (INDING OLDING OLD	CIFICATION COVER MENTS FOR THE ST G OF BIPOLAR WINI ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	TEP MOTOR Y07-43D4-2DING STATOR AND HY TERISTICS SPECIFIC CONTINI 24 V D.C 2.0 A (PH 1.8° (DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH±′ 0.77N·m(190mN·m	EATION UOUS ASE) i) FULL STEP UNIPOLAR 2PHASE EXCITING iS B (COIL) 6 20% 790kgf-cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
EQUIREMONSISTS (AAGNET RELECTREM LUTY) RIVE VOLATED CUTTEP ANGIOUMBER (INTERPREDICTION OF THE COLUMBER (INTERPEDICTION OF THE	MENTS FOR THE ST G OF BIPOLAR WINI ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	TEP MOTOR Y07-43D4-2DING STATOR AND HY TERISTICS SPECIFIC CONTINI 24 V D.C 2.0 A (PH 1.8° (DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH±′ 0.77N·m(190mN·m	EATION UOUS ASE) i) FULL STEP UNIPOLAR 2PHASE EXCITING iS B (COIL) 6 20% 790kgf-cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
AGNET R ELECTR TEM TUTY RIVE VOI ATED CU TEP ANGI TUMBER C INSULATIO INDING TETENT TO TAX STAR OSITIONA TELECTR INSULATIO EMPERAT MECHAL	ROTOR RICAL CHARACT OLTAGE URRENT GLE OF PHASE ION CLASS(UL) GRESISTANCE GINDUCTANCE GTORQUE TORQUE	SPECIFIC CONTINI 24 V D.C 2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	CATION UOUS ASE) b) FULL STEP UNIPOLAR 2PHASE EXCITING SS B (COIL) 6 20% 790kgf-cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
ELECTR TEM UTY RIVE VOI ATED CU TEP ANGI UMBER (INDING IN	OLTAGE URRENT GLE OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	SPECIFIC CONTINI 24 V D.C 2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	ASE) b) FULL STEP UNIPOLAR 2PHASE EXCITING SS B (COIL) 6 20% 790kgf-cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
TEM JUTY RIVE VOI ATED CU TEP ANGI TUMBER (INSULATIO INDING OLDING TETENT TO INAX STAR OSITIONA TIELECTR INSULATIO EMPERAT MECHAL	OLTAGE URRENT GLE OF PHASE ION CLASS(UL) GRESISTANCE GINDUCTANCE GTORQUE TORQUE	SPECIFIC CONTINI 24 V D.C 2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	ASE) b) FULL STEP UNIPOLAR 2PHASE EXCITING SS B (COIL) 6 20% 790kgf-cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
UTY RIVE VO ATED CU TEP ANGI UMBER (NSULATIO /INDING OLDING OLDING ETENT TO IAX STAR OSITIONA IELECTR NSULATIO EMPERAT MECHAI TEM	URRENT GLE OF PHASE ION CLASS(UL) GRESISTANCE GINDUCTANCE GTORQUE TORQUE	CONTINI 24 V D.C 2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	ASE) b) FULL STEP UNIPOLAR 2PHASE EXCITING SS B (COIL) 6 20% 790kgf-cm) MIN.	25°C NOTE)1	OPERA OPERA STORA	TION AMB	IENT HU			0°C∼+50°	PC .			RIPTION	
RIVE VOI ATED CU TEP ANGI UMBER (NSULATION INDING OLDING OLDING OLDING OSTITION AMELECTR NSULATION EMPERATION MECHALI TEM	URRENT GLE OF PHASE ION CLASS(UL) GRESISTANCE GINDUCTANCE GTORQUE TORQUE	24 V D.C 2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	ASE)) FULL STEP UNIPOLAR 2PHASE EXCITING SS B (COIL) 6 20% 790kgf·cm) MIN.	NOTE)1	OPERA STORA	TION AMB	IENT HU						NOTE		
ATED CU TEP ANGI TUMBER (NSULATIO INDING INDING OLDING TETENT TO IAX STAR OSITIONA TIELECTR NSULATIO EMPERAT MECHAL	URRENT GLE OF PHASE ION CLASS(UL) GRESISTANCE GINDUCTANCE GTORQUE TORQUE	2.0 A (PH 1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	ASE) D) FULL STEP UNIPOLAR 2PHASE EXCITING S B (COIL) 6 20% 790kgf-cm) MIN.	NOTE)1	OPERA STORA	TION AMB	IENT HU						NOTE		
TEP ANGI UMBER (NSULATIO NSULATION INDING OLDING ETENT TO MAX STAR OSITION HELECTR NSULATIO EMPERAT MECHAL	GLE OF PHASE ION CLASS(UL) GRESISTANCE GINDUCTANCE GTORQUE TORQUE	1.8°(DEG 2PHASE UL CLAS 2.0Ω±10° 3.85mH± 0.77N·m(190mN·m	D) FULL STEP UNIPOLAR 2PHASE EXCITING SS B (COIL) 6 20% 790kgf-cm) MIN.	NOTE)1	STORA			MIDITY	Y	20%RH ~	0004 PU		NOTE		
UMBER (NSULATION NSULATION INDING OLDING OLDING OETENT TO MAX STAR OSITION OSITION ELECTR NSULATIO EMPERAT MECHAL	OF PHASE ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	2PHASE UL CLAS 2.0Ω±109 3.85mH± 0.77N·m(190mN·m	UNIPOLAR 2PHASE EXCITING SS B (COIL) 6 20% 790kgf·cm) MIN.	NOTE)1	STORA			MIDIT	ĭ	∟ /U%KH ~				NOTE)9	
NSULATION INDING OLDING OLDING OLDING OLDING OLDING OLDING OSTITION OF THE PROPERTY OF THE PRO	ION CLASS(UL) G RESISTANCE G INDUCTANCE G TORQUE TORQUE	UL CLAS 2.0Ω±10% 3.85mH± 0.77N·m(190mN·m	SSB (COIL) 6 20% 790kgf·cm) MIN.	NOTE)1		GE AMBIE	NITE TELL AT			20701111	90%KII	oKH N		אָן	
VINDING INDING OLDING O	G RESISTANCE G INDUCTANCE G TORQUE TORQUE	2.0Ω±10 ⁹ 3.85mH± 0.77N·m(190mN·m	6 20% 790kgf·cm) MIN.	NOTE)1		ODTIMBLE	STORAGE AMBIENT TEMPERATUR				-20°C∼+70°C				
VINDING OLDING O	G INDUCTANCE G TORQUE TORQUE	3.85mH±. 0.77N·m(190mN·m	20% 790kgf·cm) MIN.	NOTE)1	STORA	STORAGE AMBIENT HUMIDITY				2000 1700					
OLDING DETENT TO DETENT TO DETENT TO DELECTR NSULATION DEMPERATION MECHAL DEMPERATION DEMP	TORQUE TORQUE	0.77N·m(190mN·m	790kgf·cm) MIN.		4 1					15% RH $\sim 95\%$ RH				NOTE)9	
IAX STAR OSITIONA DELECTR NSULATION EMPERATION MECHAL			n(2.0Kgf·cm) REF.												
OSITIONA DIELECTR NSULATIO EMPERAT MECHAL TEM	RTING PULSE RAT	E 1150PPS		1				DIEV	SE DON'T	HOLD MO	TOP BY LE	AD WIRE	S NO OU	TSIDE	
IELECTR NSULATIO EMPERAT MECHAL IEM			MIN.	NOTE)3					PLEASE DON'T HOLD MOTOR BY LEAD WIRES NO OUTSIDE FORCE ON THE EXIT OF LEAD WIRES						
NSULATION EMPERATE MECHALIFEM	NAL ACCURACY	±0.09°(DI	EG) MAX.	NOTE)4											
EMPERAT MECHAI FEM	RIC STRENGTH	500V A.C	1MINUTE NO ABNORMAL	NOTE)5					PLEASE DON'T PLUG OR UNPLUG THE MOTOR CONNECTOR						
МЕСНА] ГЕМ	ION RESISTANCE	100 MΩ N		NOTE)6				WHILE POWER ON							
ГЕМ	ATURE RISE	80 K (80 l	DEG) MAX.	NOTE)7]										
	ANICAL CHARAC	TERISTICS									L AND DUI				
		SPECIFIC	ECIFICATION DESCRIPTION		1				HARD MATERIAL MALFUNCTION MAY NOT BE OBSERVED AT EARLY STAGE AFTER SUCH SHOCK BUT IT MAY BE FOUND						
MECHANICAL DEMENSION			DING TO SPECIFICATION		CAUTION AND			LATER THIS TYPE OF MISHANDLING VOIDS OUR WARRANTY							
			3-1(PAGE3/3)			ECOMMENDATION									
SHAFT MATERIAL BEARING		SUS303			-			THE FUNCTION OR PERFORMANCE SHALL BE EVALUATED BY							
			SINGLE ROW BALL BEARING ALUMINUM ALLOY		4			INSTALLING MOTOR TO APPLICATION THAT SHOULD BE CHECKED AT BUYER'S SIDE							
	L MATERIAL				-			CHEC	KED AI E	SUYER'S SI	JE .				
1ASS			MATELY 480g (128×10 ⁻³ g·cm·s ²)		-										
OTOR IN	NERTIA			PLEASE DO				N'T REUSE DISASSEMBLED MOTOR							
A DDIWY	IONAL				0	gon====	ATION WILL NOT BE RESPONSIBLE FOR ANY								
ADDITIC	IONAL				1						. NOT BE RI BLEM CAU				
ГЕМ		SPECIFIC		DESCRIPTION	11			1	ICATIONS		DELM CAU	ם עם שם	CIUAL		
DIRECTIO	ON OF ROTATION		IASE SEQUENCE TO PRODUCE CLOCKWISE OTATION VIEWED FROM MOUNTING END IS AS URLE 1												
YPE OF I	LEAD WIRE		CSA AWG 24		MATERIAI		-						v	707-43D4-5040	
					1				'20-11-03		00 First versio	n Xu Yu		U, 13D4-3010	
OLOR OF	OF LEAD WIRE	ACCORE	DING TO TABLE 2		FINISH		·	SYM		REVISION NO.	REVISIONS			NOTE	
IFE			OURS MIN.	NOTE)8	DRAWN	DESIGNED	CHECKED	CHE			TITLE	MOTR SPEC	CIFICATION	THIRD ANGLI PROJECTION	
			ES Pb Cr(VI+) Cd Hg PBB PBDE DEHP BBP D	BP AND DIBP THOSE	Dongguan Kaifull	Dongguan Kaifull			SCA	LE FREE	DWG.NO.	Y-20-1	103-1	⊕ €	
UNTENT	TO COMPLY WITH:	THE ROHS INSTRUCTION	JIN.		'20-11-03 Xu Yuanhao	'20-11-03 Xu Yuanhao							SHEET		



