

### MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.

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### บริษัท มิตซูบิชิ อีเล็คทริค ออโตเมชั่น (ประเทศไทย) จำกัด นุคมลูตสาหกรรมบางชัน เลชที่ 111 หมู่ 4 ถนนเสรีไทย แชวงคันนายาว เขตคันนายาว กทม. 10230

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#### **MOTOR SPECIFICATION SHEET**

MODEL : SCLF-QR 2HP 4P USED FOR : STANDARD

DESCRIPTION			DETAIL						
PHASE	1								
TYPE	CAPACITOR START AND RUN								
MODEL NAME	SCLF-QR								
RATED OUTPUT, HP (kW)	2 (1.5)								
POLE	2 (1.5)								
CODE OUTLINE DRAWING NO		MEATH CODE : 1M001D-400150QREU1							
OUTLINE DRAWING NO.	ONM04O546-*	000	000	1					
RATED VOLTAGE (V)	220	230	220						
RATED FREQUENCY (Hz)	50	50	60						
RATED CURRENT (A)	10.3	10.4	8.8						
RATED SPEED (min <sup>-1</sup> )	1450	1450	1750						
RATED EFFICIENCY (%)	77.2	77.2	81.5						
EFFICIENCY CLASS	IE1								
THERMAL CLASS	155(F)								
RATING	S1 (CONTINUOUS)								
ENCLOSURE CONSTRUCTION		D FAN COOLED							
DEGREES OF PROTECTION	IP55								
METHOD OF COOLING	IC411								
FRAME NO.	100L	100L							
WEIGHT (kg)	24.6	24.6							
STANDARD	JEC-2137-2000	JEC-2137-2000							
EFFICIENCY RULE	IEC 60034-30-1								
INSTALLATION	FOOT MOUNTED								
ROTATION	CCW (VIEWED FROM SHAFT END)								
BEARING	LOAD SIDE : 6206ZZ								
	OPPOSITE SIDE								
BEARING GREASE	UREA GREASE								
NOISE (db.A)	63								
VIBRATION	V20								
CIRCUMSTANCE	AMBIENT TEMPERATURE : -20 ~ +40°C								
CONDITION	AMBIENT HUMIDITY : 95%RH OR LESS								
	ABOVE SEA LEVEL : 1000m OR LESS								
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR								
COLOR	MUNSELL N1.5 (BLA	MUNSELL N1.5 (BLACK)							
TERMINAL BOX	NO. OF LEAD WIRES : 4								
	SOURCE CONNECTION : LEAD WIRES								
SHAFT SWING	≤0.03mm								
MATERIAL	FRAME : STEEL PLATE								
NOTE TO LE	BRACKET : ALUMINIUM								
	SHAFT : CARBON STEEL								
	STATOR CORE : ELECTRICAL STEEL								
	WIRE : ENAMELLED COPPER MAGNET WIRE								
	CONDUCTOR : ALUMINIUM								
	TERMINAL BOX : STEEL PLATE PAINTING : POLYURETHANE RESIN								
DDODUGTION COUNTRY	THAILAND								
PRODUCTION COUNTRY	IMAILAND								

Specifications subject to change without notice.

SPECIFICATION SHEET NO.		
SS-N-0173-A		

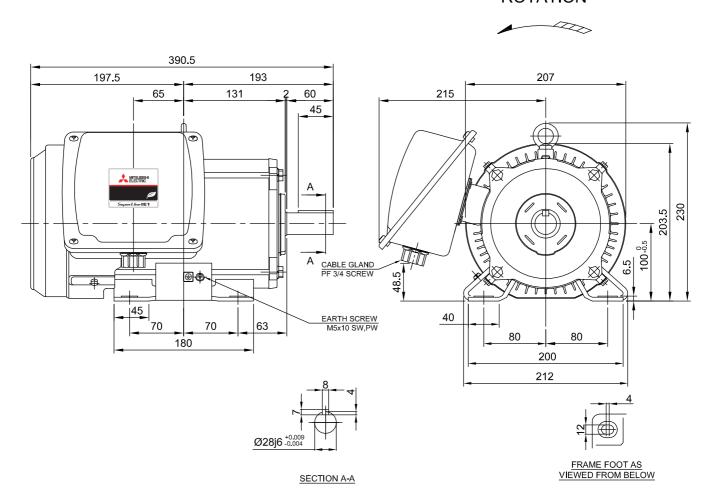
# MODEL SCLF-QR SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START AND RUN TYPE TOTALLY ENCLOSED FAN COOLED DEGREES OF PROTECTION IP55 DUST & WATER JET PROOF

STARTING CAPACITOR	200 μF 250 VAC
RUNNING CAPACITOR	21.5 µF 450 VAC

CUSTOMER
USER
FOR
CUSTOMER'S
ORDER NO.
QUANTITY
MFG. ORDER NO.

### **ROTATION**



FRAME	FRAME RATING TH.		AMB.	BEARINGS		001.00	DIRECTION OF	NO. OF	
SIZE	RATING	CLASS	TEMP.	LOAD SIDE	OPP. SIDE	COLOR	ROTATION	LEAD WIRE	
100L	S1	155(F)	40°C	6206ZZ	6205ZZ	BLACK (MUNSELL N1.5)	ccw	4	

OUTPUT		POLE	VOLT	HERTZ	AMP	RPM	IE CODE - RATED EFF.	REMARK
HP	kW	POLE	VOLI	HERIZ	AIVIP	KPIVI	IE CODE - RATED EFF.	KEIVIAKK
2 1.5		220/230	50	10.3/10.4	1450/1450	IE1- 77.2% / IE1- 77.2%		
	1,5	4	220	60	8.8	1750	IE1- 81.5%	

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	OUTLINE DRAWING NO.	REV.
DIMENSION IN mm.		4
SCALE : NTS.	U N W U 4 U 3 4 0	<b>^</b>