

MOTOR SPECIFICATION SHEET

MODEL : SCLF-QR 3HP 4P

USED FOR : STANDARD

DESCRIPTION	DETAIL			
PHASE	1			
TYPE	CAPACITOR START AND RUN			
MODEL NAME	SCLF-QR			
RATED OUTPUT, HP (kW)	3 (2.2)			
POLE	4			
CODE	MEATH CODE : 1M001D-400220QREU1			
OUTLINE DRAWING NO.	ONM14O548-A			
RATED VOLTAGE (V)	220	230	220	
RATED FREQUENCY (Hz)	50	50	60	
RATED CURRENT (A)	15.8	15.8	13.6	
RATED SPEED (min ⁻¹)	1440	1445	1730	
THERMAL CLASS	155(F)			
RATING	S1 (CONTINUOUS)			
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED			
DEGREES OF PROTECTION	IP55			
METHOD OF COOLING	IC411			
FRAME NO.	112M			
WEIGHT (kg)	34.4			
STANDARD	JEC-2137-2000			
INSTALLATION	FOOT MOUNTED			
ROTATION	CCW (VIEWED FROM SHAFT END)			
BEARING	LOAD SIDE : 6207ZZ			
	OPPOSITE SIDE : 6206ZZ			
BEARING GREASE	UREA GREASE			
NOISE (db.A)	67			
VIBRATION	V20			
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -20 ~ +40°C			
	AMBIENT HUMIDITY : 95%RH OR LESS			
	ABOVE SEA LEVEL : 1000m OR LESS			
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR			
COLOR	MUNSELL N1.5 (BLACK)			
TERMINAL BOX	NO. OF LEAD WIRES : 4			
	SOURCE CONNECTION : LEAD WIRES			
SHAFT SWING	≤0.03mm			
MATERIAL	FRAME : STEEL PLATE			
	BRACKET : ALUMINIUM			
	SHAFT : CARBON STEEL			
	STATOR CORE : ELECTRICAL STEEL			
	WIRE : ENAMELLED COPPER MAGNET WIRE			
	ROTOR CORE : ELECTRICAL STEEL			
	CONDUCTOR : ALUMINIUM			
	TERMINAL BOX : STEEL PLATE			
PRODUCTION COUNTRY	PAINTING : POLYURETHANE RESIN			
	THAILAND			

Specifications subject to change without notice.

SPECIFICATION SHEET NO.

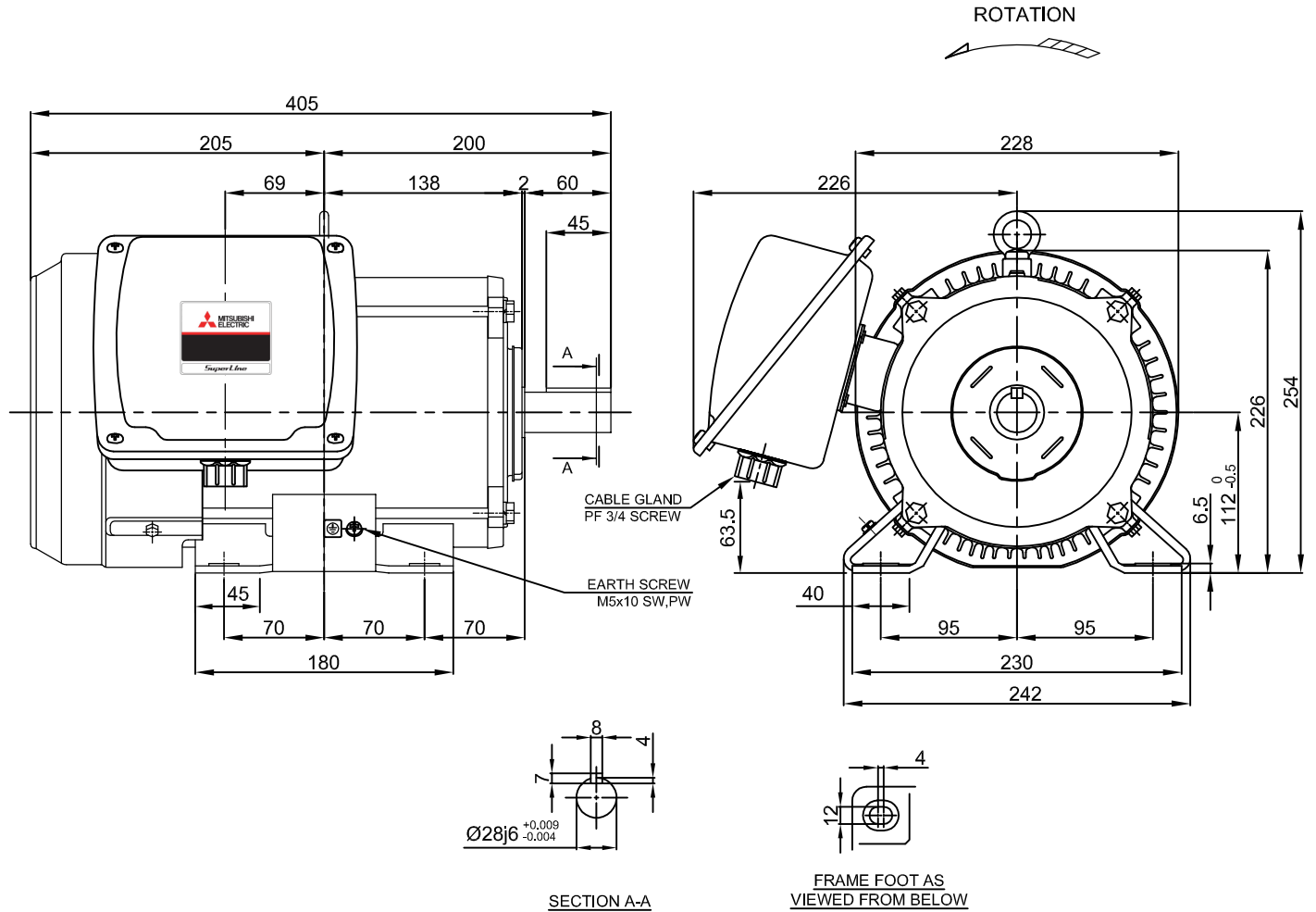
SS-N-1175-B

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

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

STARTING CAPACITOR	180 μ F 330 VAC
RUNNING CAPACITOR	22.5 μ F 520 VAC



FRAME SIZE	RATING	TH. CLASS	AMB. TEMP.	BEARINGS		COLOR	DIRECTION OF ROTATION	NO. OF LEAD WIRES
				LOAD SIDE	OPP. SIDE			
112M	S1	155(F)	40°C	6207ZZ	6206ZZ	BLACK (MUNSELL N1.5)	CCW	4

OUTPUT		POLE	VOLT	HERTZ	AMP	RPM	REMARK
HP	KW						
3	2.2	4	220/230	50	15.8/15.8	1440/1445	
			220	60	13.6	1730	

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO.,LTD.

		OUTLINE DRAWING NO.	REV.
	DIMENSION IN mm.	<h1>ONM140548</h1>	<h1>A</h1>
SCALE : NTS.			