

MOTOR SPECIFICATION SHEET

MODEL : SCL-QR 3HP 4P

USED FOR : STANDARD

DESCRIPTION	DETAIL			
PHASE	1			
TYPE	CAPACITOR START AND RUN			
MODEL NAME	SCL-QR			
RATED OUTPUT, HP (kW)	3 (2.2)			
POLE	4			
CODE	MEATH CODE : 1M001D-400220QRES0			
OUTLINE DRAWING NO.	ONM14O011-*			
RATED VOLTAGE (V)	220	230	220	
RATED FREQUENCY (Hz)	50	50	60	
RATED CURRENT (A)	15.1	15.4	13.4	
RATED SPEED (min ⁻¹)	1450	1460	1740	
RATED EFFICIENCY (%)	82.3	82.2	85.4	
THERMAL CLASS	130(B)			
RATING	S1 (CONTINUOUS)			
ENCLOSURE CONSTRUCTION	DRIP-PROOF			
DEGREES OF PROTECTION	IP22			
METHOD OF COOLING	IC01			
FRAME NO.	112M			
WEIGHT (kg)	32.8			
STANDARD	JEC-2137-2000			
EFFICIENCY RULE	IEC 60034-30-1			
INSTALLATION	FOOT MOUNTED			
ROTATION	CCW (VIEWED FROM SHAFT END)			
BEARING	LOAD SIDE : 6207ZZ			
	OPPOSITE SIDE : 6206ZZ			
BEARING GREASE	UREA GREASE			
VIBRATION	V20			
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -20 ~ +40°C			
	AMBIENT HUMIDITY : 85%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			
INSULATION RESISTANCE	BY DC 500V MEGGER - ≥100MΩ			
DIELECTRIC TEST	AC 50Hz 1500V - 1min. (Based on rated voltage 220V)			
SHAFT SWING	≤0.03mm			
MATERIAL	FRAME : STEEL PLATE			
	BRACKET : ALUMINIUM			
	SHAFT : CARBON STEEL			
	STATOR CORE : ELECTRICAL STEEL			
	WIRE : ENAMELLED COPPER MAGNET WIRE			
	INSULATOR : POLYESTER FILM			
	VARNISH : EPOXY DENATURALIZATION POLYESTER			
	ROTOR CORE : ELECTRICAL STEEL			
	CONDUCTOR : ALUMINIUM			
	TERMINAL BOX : STEEL PLATE			
	PAINTING : POLYURETHANE RESIN			
PRODUCTION COUNTRY	THAILAND			

Specifications subject to change without notice.

SPECIFICATION SHEET NO.

SS-M-1306-A

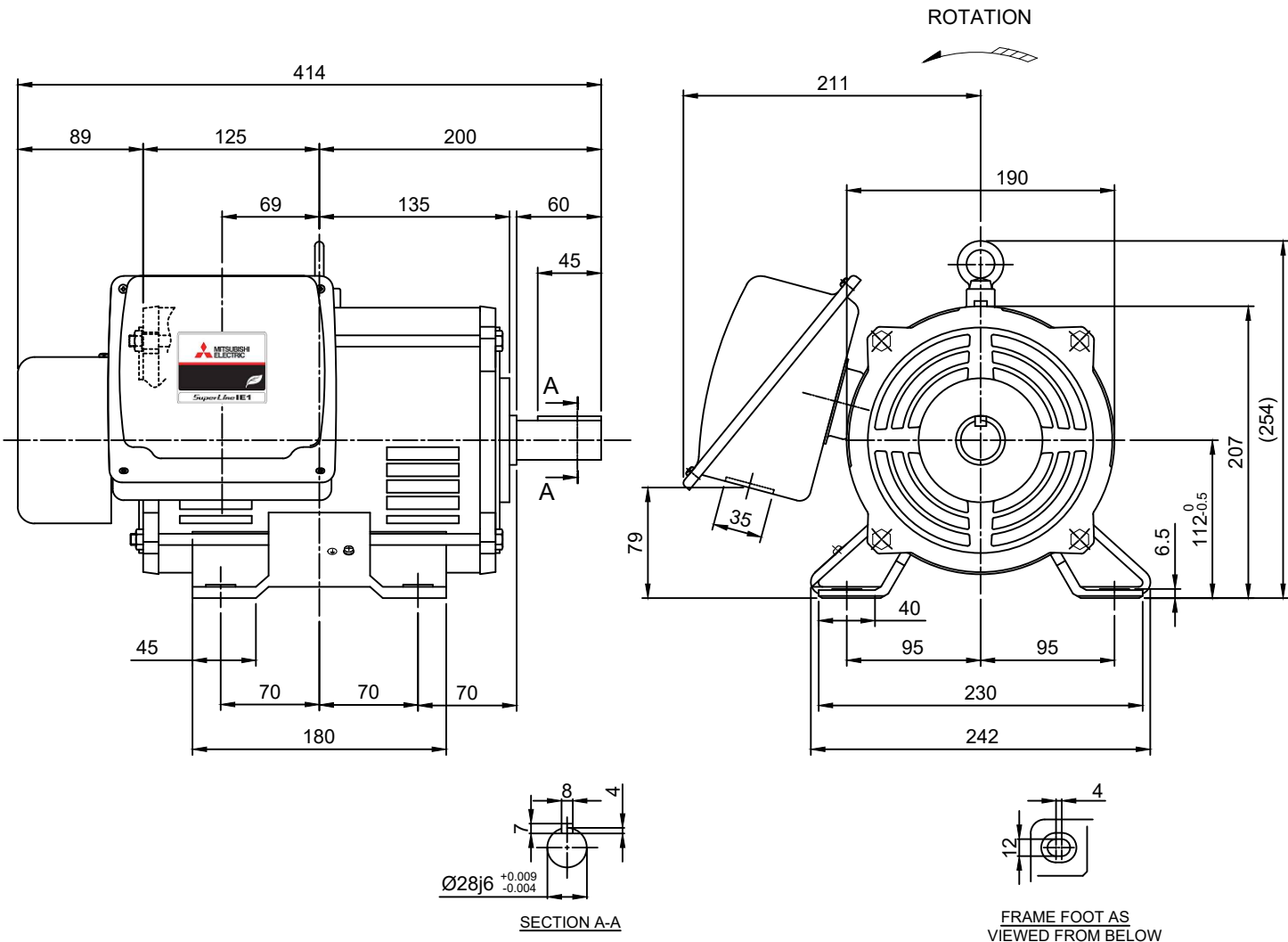
MODEL SCL-QR SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START AND RUN TYPE

DEGREE OF PROTECTION IP22

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

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



FRAME SIZE	RATING	TH. CLASS	AMB. TEMP.	BEARINGS		COLOR	DIRECTION OF ROTATION	NO. OF LEAD WIRES
				LOAD SIDE	OPP. SIDE			
112M	S1	130(B)	40°C	6207ZZ	6206ZZ	BLACK (MUNSELL N1.5)	CCW	4

OUTPUT		POLE	Hz	VOLT	AMP	RPM	IE CODE - RATED EFF.	REMARK
HP	kw							
3	2.2	4	50	220/230	15.1/15.4	1450/1460	IE1- 82.3% / IE1- 82.2%	
			60	220	13.4	1740	IE1- 85.4%	

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO.,LTD.

		OUTLINE DRAWING NO.	ONM140011	REV.
DIMENSION IN mm.				
SCALE : NTS.				