



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

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**บริษัท มิตซูบิชิ อิเล็กทริก ออโตเมชัน (ประเทศไทย) จำกัด**

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**MOTOR SPECIFICATION SHEET**

MODEL : SCL-QR 5HP 4P

USED FOR : STANDARD

DESCRIPTION	DETAIL				
PHASE	1				
TYPE	CAPACITOR START AND RUN				
MODEL NAME	SCL-QR				
RATED OUTPUT, HP (kW)	5 (3.7)				
POLE	4				
CODE	MEATH CODE : 1M001D-400370QRES1				
OUTLINE DRAWING NO.	ONM24O533-*				
RATED VOLTAGE (V)	220	230	220		
RATED FREQUENCY (Hz)	50	50	60		
RATED CURRENT (A)	22.4	22.1	22.1		
RATED SPEED (min <sup>-1</sup> )	1450	1460	1740		
THERMAL CLASS	155(F)				
RATING	S1 (CONTINUOUS)				
ENCLOSURE CONSTRUCTION	DRIP-PROOF				
DEGREES OF PROTECTION	IP22				
METHOD OF COOLING	IC01				
FRAME NO.	132S				
WEIGHT (kg)	42.8				
STANDARD	JEC-2137-2000				
INSTALLATION	FOOT MOUNTED				
ROTATION	CCW (VIEWED FROM SHAFT END)				
BEARING	LOAD SIDE : 6308ZZ				
	OPPOSITE SIDE : 6207ZZ				
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				
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				
	PAINTING : POLYURETHANE RESIN				
PRODUCTION COUNTRY	THAILAND				

Specifications subject to change without notice.

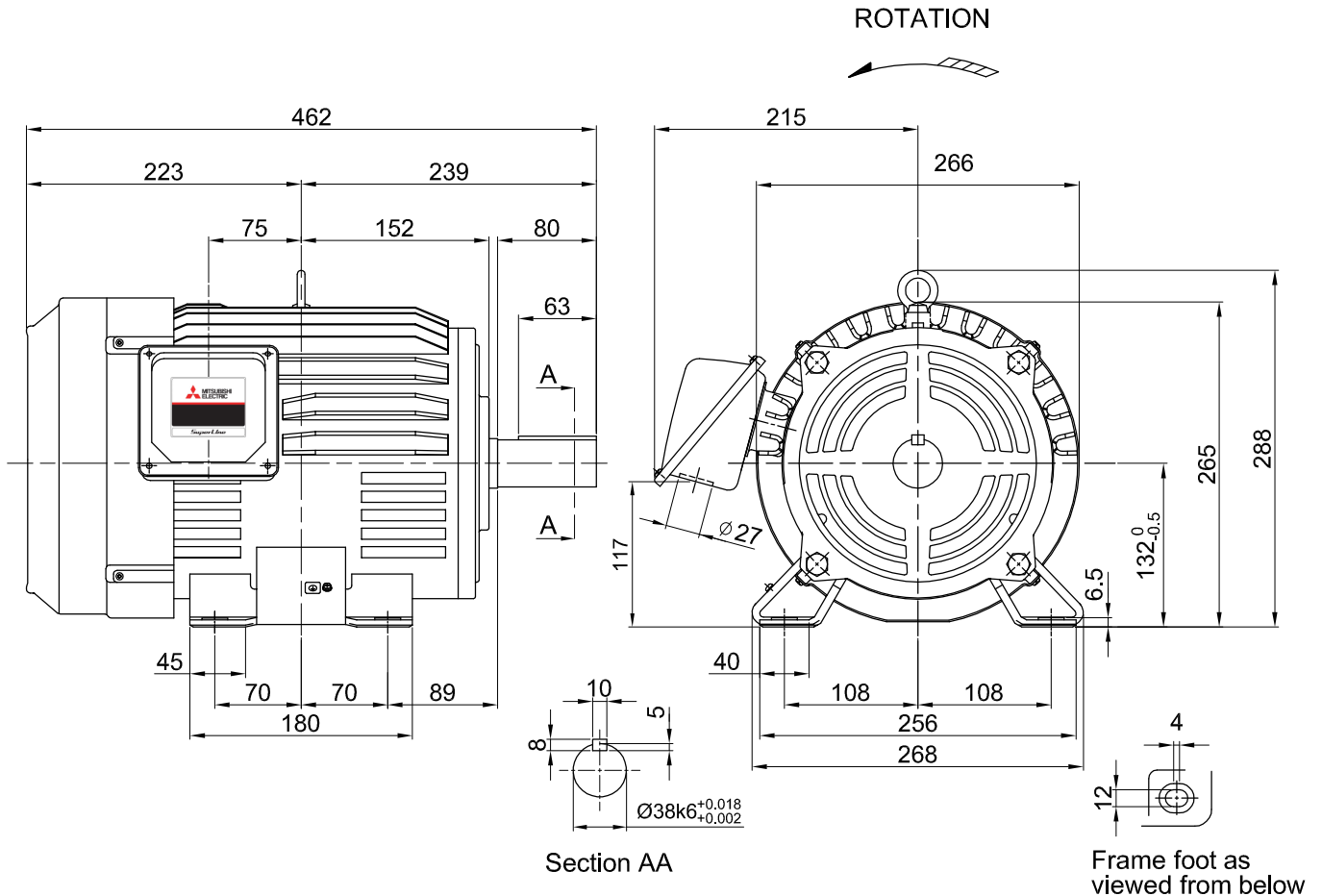
<b>SPECIFICATION SHEET NO.</b>				
SS-M-2160-A				

# MODEL SCL-QR SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START AND RUN TYPE  
DEGREES OF PROTECTION IP22

STARTING CAPACITOR	300 $\mu$ F 300 V
RUNNING CAPACITOR	52.5 $\mu$ 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 WIRE
				LOAD SIDE	OPP. SIDE			
132S	S1	155(F)	40°C	6308ZZ	6207ZZ	BLACK (MUNSELL N1.5)	CCW	4

OUTPUT		POLE	VOLT	HERTZ	AMP	RPM	REMARKS
HP	kW						
5	3.7	4	220/230	50	22.4/22.1	1450/1460	
			220	60	22.1	1740	

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		OUTLINE DRAWING NO.	REV.
	DIMENSION IN mm.	ONM240533*	
SCALE : NTS			