

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
Bang-Chan Industrial Estate No. 111 Moo 4, Serithai Rd., T.Kannayao, A.Kannayao, BKK 10230 Thailand
Tel: (66) 2517-1326, (66) 2919-9873 Fax: (66) 2517-1328 URL: www.meath-co.com E-mail: support@meath.co.th

บริษัท มิตซูบิชิ อีเล็คทริค ออโตเมชั่น (ประเทศไทย) จำกัด นิคมอุตสาหกรรมบางชัน เลขที่ 111 หมู่ 4 ถนนเสรีไทย แขวงคันนายาว เขตคันนายาว กทม. 10230 โทรศัพท์: (66) 2517-1326, (66) 2919-9873 โทรสาร: (66) 2517-1328 URL: www.meath-co.com E-mail: support@meath.co.th

MOTOR SPECIFICATION SHEET

: SCL-QR 7.5HP 4P MODEL USED FOR : STANDARD

DESCRIPTION			DETAIL						
PHASE	1								
TYPE	CAPACITOR START AND RUN								
MODEL NAME	SCL-QR								
RATED OUTPUT, HP (kW)	7.5 (5.5)								
POLE	4								
CODE	MEATH CODE	: 1M001D-4005500	QRES1						
OUTLINE DRAWING NO.	ONM24O534-*								
RATED VOLTAGE (V)	220	230	220						
RATED FREQUENCY (Hz)	50	50	60						
RATED CURRENT (A)	32.1	30.8	31.4						
RATED SPEED (min ⁻¹)	1450	1450	1740						
THERMAL CLASS	155(F)			•	•				
RATING	S1 (CONTINUOUS)								
ENCLOSURE CONSTRUCTION	DRIP-PROOF								
DEGREES OF PROTECTION	IP22								
METHOD OF COOLING	IC01								
FRAME NO.	132M								
WEIGHT (kg)	58.0								
STANDARD	JEC-2137-2000								
INSTALLATION	FOOT MOUNTED								
ROTATION	CCW (VIEWED FRO	CCW (VIEWED FROM SHAFT END)							
BEARING	LOAD SIDE : 6308ZZ								
	OPPOSITE SIDE	: 6207ZZ							
BEARING GREASE	UREA GREASE	IREA GREASE							
VIBRATION	V20	'20							
CIRCUMSTANCE	AMBIENT TEMPERA	MBIENT TEMPERATURE : -20 ~ +40°C							
CONDITION	AMBIENT HUMIDITY	′ : 85%RH	OR LESS						
	ABOVE SEA LEVEL : 1000m OR LESS								
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR								
COLOR	MUNSELL N1.5 (BLA	ACK)							
TERMINAL BOX	NO. OF LEAD WIRES : 4								
	SOURCE CONNECT	ION : LEAD V	VIRES						
SHAFT SWING	≤0.03mm								
MATERIAL	FRAME	: STEEL PLATE							
	BRACKET	: ALUMINIUM							
	SHAFT	: CARBON STEEL							
	STATOR CORE	: ELECTRICAL ST	EEL						
	WIRE	: ENAMELLED CO	PPER MAGNET W	/IRE					
	ROTOR CORE	: ELECTRICAL ST	EEL						
	CONDUCTOR : ALUMINIUM								
	TERMINAL BOX : STEEL PLATE								
	PAINTING : POLYURETHANE RESIN								
PRODUCTION COUNTRY	THAILAND		-						

Specifications subject to change without notice.

SPECIFICATION SHEET NO.		
SS-M-2161-A		

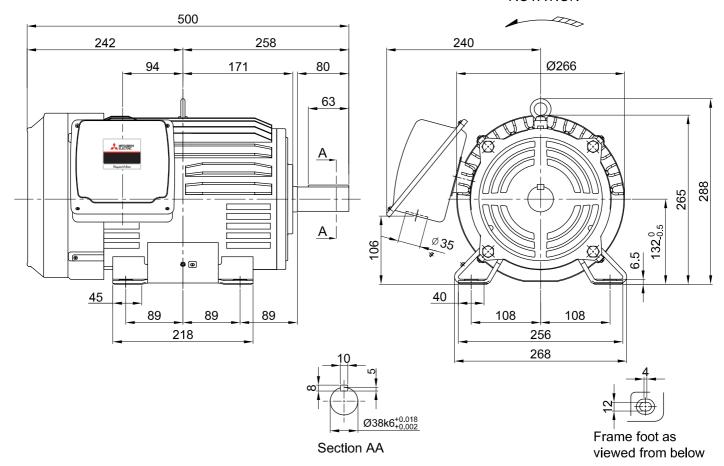
MODEL SCL-QR SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START AND RUN TYPE DEGREES OF PROTECTION IP22

STARTING CAPACITOR	425 µF 300 V
RUNNING CAPACITOR	60 μF 520 V

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

ROTATION



FRAME RATING		TH.	AMB.	BEARINGS		COLOR	DIRECTION OF	NO. OF	
SIZE	SIZE KATING	CLASS	TEMP.	LOAD SIDE	OPP. SIDE	COLOR	ROTATION	LEAD WIRE	
132M	S1	155(F)	40°C	6308ZZ	6207ZZ	BLACK (MUNSELL N1.5)	ccw	4	

OUTPUT		POLE	VOLT	HERTZ	AMP	RPM	REMARKS		
HP	kW	POLE	VOLI	HERIZ	AlviP	Krivi	INLIVIATING		
7,5	5.5	4	220/230	50	32.1/30.8	1450/1450			
7.5	3.5	4	220	60	31.4	1740			

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	OUTLINE DRAWING NO.						REV.
DIMENSION IN mm.	\cap N M 2	1	\cap	5	2	1	4
SCALE : NTS	U IN IVI Z	4	U	J	J	4	^