

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
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MOTOR SPECIFICATION SHEET

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

DESCRIPTION			DETAIL					
PHASE	1							
TYPE	CAPACITOR START AND RUN							
MODEL NAME	SCL-QR							
RATED OUTPUT, HP (kW)	2 (1.5)							
POLE	4							
CODE	MEATH CODE : 1M001D-400150QRES2							
OUTLINE DRAWING NO.	ONM04O531-*	. 111100112 1001000	XII.LOL					
RATED VOLTAGE (V)	220	230	220					
RATED FREQUENCY (Hz)	50	50	60					
RATED CURRENT (A)	10.3	10.4	8.8					
RATED SPEED (min ⁻¹)	1450	1450	1750					
RATED SI LED (IIIII)	77.2	77.2	81.5					
EFFICIENCY CLASS	IE1	77.2	01.0					
THERMAL CLASS	130(B)							
RATING	S1 (CONTINUOUS)							
ENCLOSURE CONSTRUCTION	,							
DEGREES OF PROTECTION	IP22							
METHOD OF COOLING	IC01							
FRAME NO.	100L							
WEIGHT (kg)	23.4							
STANDARD	JEC-2137-2000							
EFFICIENCY RULE								
INSTALLATION	IEC 60034-30-1 FOOT MOUNTED							
ROTATION	CCW (VIEWED FROM SHAFT END)							
BEARING	LOAD SIDE : 6206ZZ							
BEANING	OPPOSITE SIDE : 6205ZZ							
BEARING GREASE	IREA GREASE							
VIBRATION	/20							
CIRCUMSTANCE		AMBIENT TEMPERATURE : -20 ~ +40°C						
CONDITION	AMBIENT HUMIDITY : 85%RH OR LESS							
CONDITION	ABOVE SEA LEVEL : 1000m OR LESS							
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR							
COLOR	MUNSELL N1.5 (BLA			and dir var dir				
TERMINAL BOX	NO. OF LEAD WIRES : 4							
TET WINNE BOX	SOURCE CONNECT		VIRES					
SHAFT SWING	≤0.03mm							
MATERIAL	FRAME : STEEL PLATE							
IVII AT ET UAE	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	. I OLIUNEIHANI	_ I ILOIIN					
FRODUCTION COUNTRY	HIMILAND							

Specifications subject to change without notice.

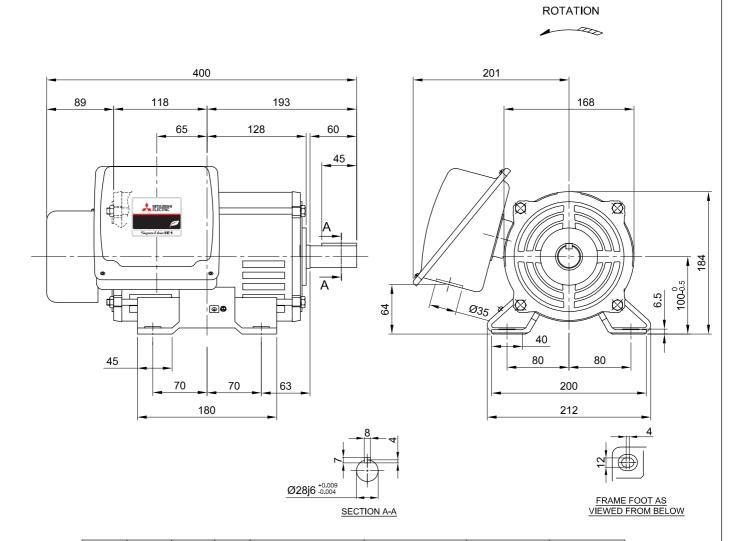
SPECIFICATION SHEET NO.		
SS-M-0158-A		

MODEL SCL-QR SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START AND RUN TYPE DEGREES OF PROTECTION IP22

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

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



FRAME RATING		TH. AMB.		BEARINGS		COLOR	DIRECTION OF	NO. OF
SIZE	KATING	CLASS	TEMP.	LOAD SIDE	OPP. SIDE	COLOR	ROTATION	LEAD WIRE
100L	S1	130(B)	40°C	6206ZZ	6205ZZ	BLACK (MUNSELL N1.5)	ccw	4

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

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	OUTLINE DRAWING NO.		REV.
DIMENSION IN mm.	\bigcirc N M \bigcirc	10521	_
SCALE : NTS.		740331	*