



MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.

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บริษัท มิทซูบิชิ อิเล็กทริก ออโตเมชัน (ประเทศไทย) จำกัด

นิติบุคคลสาขารวมบางชั้น เลขที่ 111 หมู่ 4 ถนนเสรีไทย แขวงคันทนาয়াว เขตคันทนาয়াว กทม. 10230

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MOTOR SPECIFICATION SHEET

MODEL : SC-QR 1/2HP 4P

USED FOR : STANDARD

DESCRIPTION	DETAIL				
PHASE	1				
TYPE	CAPACITOR START				
MODEL NAME	SC-QR				
RATED OUTPUT, HP (kW)	1/2 (0.4)				
POLE	4				
CODE	MEATH CODE : 1M001C-400040QRER2				
OUTLINE DRAWING NO.	ONM84O007-*				
RATED VOLTAGE (V)	220	230	220		
RATED FREQUENCY (Hz)	50	50	60		
RATED CURRENT (A)	4.3	4.3	3.6		
RATED SPEED (min ⁻¹)	1430	1430	1720		
RATED EFFICIENCY (%)	70.0	70.4	72.7		
THERMAL CLASS	120(E)				
RATING	S1 (CONTINUOUS)				
ENCLOSURE CONSTRUCTION	OPEN-PROTECTED				
DEGREES OF PROTECTION	IP20				
METHOD OF COOLING	IC01				
FRAME NO.	80M				
WEIGHT (kg)	11.5				
STANDARD	JEC-2137-2000				
EFFICIENCY RULE	IEC 60034-30-1				
INSTALLATION	FOOT MOUNTED				
ROTATION	CCW (VIEWED FROM SHAFT END)				
BEARING	LOAD SIDE : 6203ZZ				
	OPPOSITE SIDE : 6202ZZ				
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 : 2				
	SOURCE CONNECTION : TERMINAL BLOCK				
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 : PLASTIC				
	PAINTING : ALKYD-NITROCELLULOSE RESIN				
PRODUCTION COUNTRY	THAILAND				

CONFIDENTIAL

SPECIFICATION SHEET NO.	ORIGINATOR	CHECKED	APPROVED	DATE
SS-M-8302-A	S.HADSADA	D.CHOEDPONG	T.OGAKE	15/MAR/19

