

MOTOR SPECIFICATION SHEET

MODEL : SC-QR 1/4HP 4P

USED FOR : STANDARD

DESCRIPTION	DETAIL			
PHASE	1			
TYPE	CAPACITOR START			
MODEL NAME	SC-QR			
RATED OUTPUT, HP (kW)	1/4 (0.2)			
POLE	4			
CODE	MEATH CODE : 1M001C-400020QRER1			
OUTLINE DRAWING NO.	ONM74O005-*			
RATED VOLTAGE (V)	220	230	220	
RATED FREQUENCY (Hz)	50	50	60	
RATED CURRENT (A)	2.6	2.7	2.3	
RATED SPEED (min ⁻¹)	1450	1450	1740	
RATED EFFICIENCY (%)	65.5	62.5	70.8	
THERMAL CLASS	120(E)			
RATING	S1 (CONTINUOUS)			
ENCLOSURE CONSTRUCTION	OPEN-PROTECTED			
DEGREES OF PROTECTION	IP20			
METHOD OF COOLING	IC01			
FRAME NO.	A71			
WEIGHT (kg)	6.8			
STANDARD	JEC-2137-2000			
EFFICIENCY RULE	IEC 60034-30-1			
INSTALLATION	FOOT MOUNTED			
ROTATION	CCW (VIEWED FROM SHAFT END)			
BEARING	LOAD SIDE : 6202ZZ			
	OPPOSITE SIDE : 6201ZZ			
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 - $\geq 100M\Omega$			
DIELECTRIC TEST	AC 50Hz 1500V - 1min. (Based on rated voltage 220V)			
SHAFT SWING	$\leq 0.03mm$			
MATERIAL	FRAME : STEEL PLATE			
	BRACKET : STEEL PLATE			
	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			

Specifications subject to change without notice.

SPECIFICATION SHEET NO.

SS-M-7300-A

