

MOTOR SPECIFICATION SHEET

MODEL : SCF-QR 1/4HP 4P

USED FOR : STANDARD

DESCRIPTION	DETAIL				
PHASE	1				
TYPE	CAPACITOR START				
MODEL NAME	SCF-QR				
RATED OUTPUT, HP (kW)	1/4 (0.2)				
POLE	4				
CODE	MEATH CODE : 1M001C-400020QREU0				
OUTLINE DRAWING NO.	ONM74O056-B				
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	155(F)				
RATING	S1 (CONTINUOUS)				
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED				
DEGREES OF PROTECTION	IP55				
METHOD OF COOLING	IC411				
FRAME NO.	A71				
WEIGHT (kg)	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				
NOISE (db.A)	63				
VIBRATION	V20				
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -20 ~ +40°C				
	AMBIENT HUMIDITY : 95%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 : STEEL PLATE				
	SHAFT : CARBON STEEL				
	STATOR CORE : ELECTRICAL STEEL				
	WIRE : ENAMELLED COPPER MAGNET WIRE				
	INSULATOR : POLYESTER FILM SATURATED WITH RESIN				
	VARNISH : EPOXY DENATURALIZATION POLYESTER				
	ROTOR CORE : ELECTRICAL STEEL				
	CONDUCTOR : ALUMINIUM				
	TERMINAL BOX : STEEL PLATE				
PRODUCTION COUNTRY	PAINTING : POLYURETHANE RESIN				
	THAILAND				

Specifications subject to change without notice.

SPECIFICATION SHEET NO.

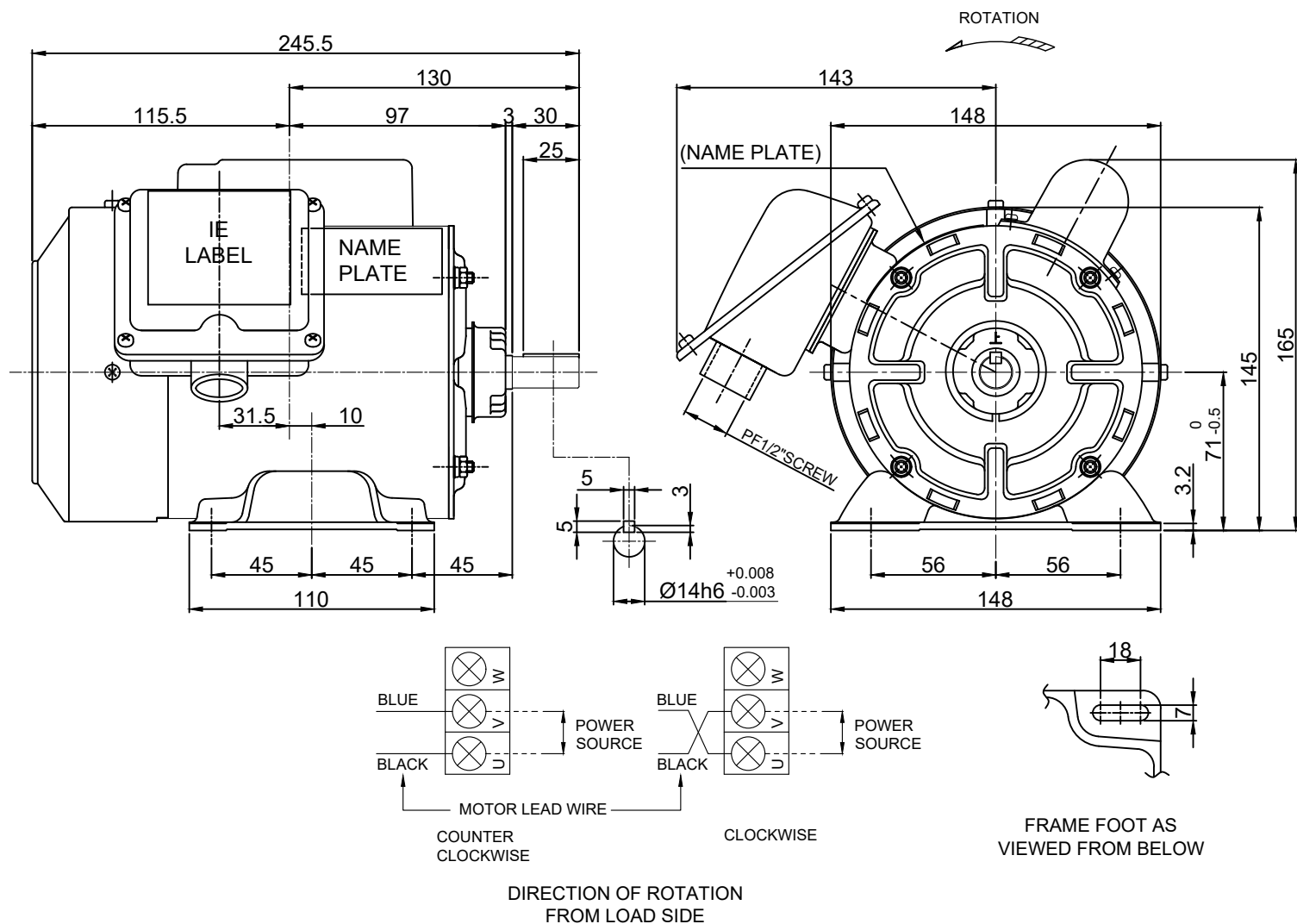
SS-M-7214-B

MODEL SCF-QR SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START TYPE
TOTALLY ENCLOSED FAN COOLED
DEGREE OF PROTECTION IP55
DUST & WATER JET PROOF
FRAME NO. A71

STARTING CAPACITOR	80 μ F 250VAC
--------------------	-------------------

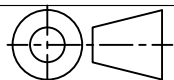
CUSTOMER
USER
FOR
CUSTOMER'S
ORDER NO.
QUANTITY
MFG.
ORDER NO.



FRAME SIZE	RATING	TH. CLASS	AMB. TEMP.	BEARINGS		COLOR	DIRECTION OF ROTATION	NO. OF LEAD WIRES
				LOAD SIDE	OPP. SIDE			
A71	S1	155(F)	40°C	6202ZZ	6201ZZ	BLACK (MUNSELL N1.5)	CCW	2 WITH TERMINAL BOARD

OUTPUT		POLE	Hz	VOLT	AMP	RPM	IE CODE - RATED EFF.	REMARK
HP	kW							
1/4	0.2	4	50	220/230	2.6/2.7	1450/1450	IE1-65.5% / IE1-62.5%	
			60	220	2.3	1740	IE1-70.8%	

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO.,LTD



DIMENSION IN mm.

SCALE : NTS

OUTLINE DRAWING NO.

REV.

O N M 7 4 0 0 5 6 B