

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

MODEL : SCF-QRV 1/4HP 4P USED FOR : STANDARD

DESCRIPTION			DETAIL				
PHASE	1						
TYPE	CAPACITOR START						
MODEL NAME	SCF-QRV						
RATED OUTPUT, HP (kW)	1/4 (0.2)						
POLE	4						
CODE	MEATH CODE : 1M001C-400020QVEU1						
OUTLINE DRAWING NO.	ONM74O537-A						
RATED VOLTAGE (V)	220	230	220				
RATED FREQUENCY (Hz)	50	50	60				
RATED CURRENT (A)	2.6	2.7	2.2				
RATED SPEED (min ⁻¹)	1425	1430	1720				
THERMAL CLASS	155(F)		•	•	!		
RATING	S1 (CONTINUOUS)						
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSE	ED FAN COOLED					
DEGREES OF PROTECTION	IP55						
METHOD OF COOLING	IC411						
FRAME NO.	A71						
WEIGHT (kg)	9.3						
STANDARD	JEC-2137-2000						
INSTALLATION	FLANGE MOUNTED	FLANGE MOUNTED (VERTICAL)					
ROTATION	CCW (VIEWED FRO	OM SHAFT END)					
BEARING	LOAD SIDE : 6202ZZ						
	OPPOSITE SIDE : 6201ZZ						
BEARING GREASE	UREA GREASE	JREA GREASE					
NOISE (db.A)	63						
VIBRATION	V20						
CIRCUMSTANCE	AMBIENT TEMPERATURE : -20 ~ +40°C						
CONDITION	AMBIENT HUMIDITY : 95%RH OR LESS						
	ABOVE SEA LEVEL : 1000m OR LESS						
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR						
COLOR	MUNSELL N1.5 (BL/	ACK)					
TERMINAL BOX	NO. OF LEAD WIRES : 2						
	SOURCE CONNECTION : TERMINAL BLOCK						
SHAFT SWING	≤0.03mm						
MATERIAL	FRAME : STEEL PLATE						
	BRACKET LOAD SIDE : CAST IRON (FLANGE)						
	OPPOSITE SIDE: STEEL PLATE						
	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						

Specifications subject to change without notice.

SPECIFICATION SHEET NO.		
SS-N-7164-B		

MODEL SCF-QRV SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START TYPE
TOTALLY ENCLOSED FAN COOLED
DEGREES OF PROTECTION IP55
DUST & WATER JET PROOF

STARTING CAPACITOR 80 µF 250 VAC

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

ROTATION 101 Ø148 PF 1/2 SCREW (NAME PLATE) В MITSUBISHI 8 NAME PLATE SECTION 2 4-Ø10 HOLES В-В POWER POWER SOURCE Ø110j6 ^{+0.013} MOTOR LEAD WIRE Ø160 COUNTER CLOCKWISE CLOCKWISE Ø14j6 +0.008 DIRECTION OF ROTATION SECTION A-A FROM LOAD SIDE

		TH.	TH. AMB.	BEARINGS		COLOR	DIRECTION OF	NO. OF
		CLASS	TEMP.	LOAD SI	DE OPP. SIDE	COLOR	ROTATION	LEAD WIRE
A71	S1	155(F)	40°C	6202Z	Z 6201ZZ	BLACK (MUNSELL N1.5)	ccw	2 WITH TERMINAL BOARD
OUTPUT								
		POLE V	: VC	OLT	HERTZ	AMP	RPM	REMARK
HP	kW							
1/4 0.2)/230	50	2.6/2.7	1425/1430			
	0.2	4	2	20	60	2.2	1720	

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	OUTLINE DRAWING NO.				
DIMENSION IN mm.		\bigcirc N M 7 $\stackrel{\frown}{}$ 0 5 3 7	Λ		
SCALE : NTS		0 14 101 7 4 0 3 3 7	\Box		