

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

MODEL : SCF-QRV 1/3HP 4P USED FOR : STANDARD

DESCRIPTION			DETAIL							
PHASE	1									
TYPE	CAPACITOR START									
MODEL NAME	SCF-QRV									
RATED OUTPUT, HP (kW)	1/3 (0.25)									
POLE	4									
CODE	MEATH CODE : 1M001C-400030QVEU1									
OUTLINE DRAWING NO.	ONM74O539-A									
RATED VOLTAGE (V)	220									
RATED FREQUENCY (Hz)	50	50	60							
RATED CURRENT (A)	3.1	3.2	2.7							
RATED SPEED (min ⁻¹)	1420	1425	1710							
THERMAL CLASS	155(F)									
RATING	S1 (CONTINUOUS)									
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSE	D FAN COOLED								
DEGREES OF PROTECTION	IP55									
METHOD OF COOLING	IC411	IC411								
FRAME NO.	B71	B71								
WEIGHT (kg)	9.8									
STANDARD	JEC-2137-2000									
INSTALLATION	FLANGE MOUNTED (VERTICAL)									
ROTATION	CCW (VIEWED FRO	CCW (VIEWED FROM SHAFT END)								
BEARING	LOAD SIDE : 6202ZZ									
		OPPOSITE SIDE : 6201ZZ								
BEARING GREASE	UREA GREASE	UREA GREASE								
NOISE (db.A)	63	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/	· · · · · · · · · · · · · · · · · · ·								
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-7166-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 | 8

80 μF 250 VAC

CUSTOMER

USER

FOR
CUSTOMER'S
ORDER NO.
QUANTITY

MFG.
ORDER NO.

ROTATION 101 Ø148 PF 1/2 SCREW (NAME PLATE) MITSUBISHI ELECTRIC NAME PLATE SECTION O 4-Ø10 HOLES B-B 3.5 30 POWER POWER Ø110j6 +0.013 MOTOR LEAD WIRE COUNTER CLOCKWISE Ø160 CLOCKWISE Ø14j6 +0.008 DIRECTION OF ROTATION SECTION A-A FROM LOAD SIDE

FRAME	PATING		AMB.	AMB. BEARINGS		COLOR	DIRECTION OF	NO. OF		
SIZE	INATING	CLASS	TEMP.	LOAD SIDE	OPP. SIDE	COLOR	ROTATION	LEAD WIRE		
B71	S1	155(F)	40°C	6202ZZ	6201ZZ	BLACK (MUNSELL N1.5)	CCW	2 WITH TERMINAL BOARD		
OUT	PUT									
	HP kW POLE		,	VOLT	HERTZ	AMP	RPM	REMARK		
HP										
1/3	0.25 4		220/230		50	3.1/3.2	1420/1425			
1/3 0.25		+	220		60	2.7	1710			

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		OUTLINE DRAWING NO.							REV.		
DIMENSION IN mm.		\cap	NI	Ν/Ι	7	1	\cap	5	2	a	Λ
SCALE : NTS	_		ıV	IVI	1	4	O	J	J	9	~