

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
Bang-Chan Industrial Estate No. 111 Moo 4, Serithai Rd., T.Kannayao, A.Kannayao, BKK 10230 Thailand
Tel: (66) 2517-1326, (66) 2919-9873 Fax: (66) 2517-1328 URL: www.meath-co.com E-mail: support@meath.co.th

## บริษัท มิตซูบิชิ อีเล็คทริค ออโตเมชั่น (ประเทศไทย) จำกัด

นิคมอุตสาหกรรมบางชั้น เลขที่ 111 หมู่ 4 ถนนเสรีไทย แขวงคันนายาว เขตคันนายาว กทม. 10230 โทรศัพท์: (66) 2517-1326, (66) 2919-9873 โทรสาร: (66) 2517-1328 URL: www.meath-co.com E-mail: support@meath.co.th

## **MOTOR SPECIFICATION SHEET**

: SF-QR 1/2HP 4P (LT) MODEL USED FOR : STANDARD

DESCRIPTION			DETAIL							
PHASE	3		DETAIL							
MODEL NAME	SF-QR									
RATED OUTPUT, HP (kW)	1/2 (0.4)									
POLE	4									
CODE	MEATH CODE : 1M002F-400040QRGD0									
OUTLINE DRAWING NO.	ONM74O173-C	. 11110021 400040	QIODO							
RATED VOLTAGE (V)	220	380	415	1						
RATED FREQUENCY (Hz)	50	50	50							
RATED CURRENT (A)	2.00	1.14	1.18							
RATED SPEED (min <sup>-1</sup> )	1400	1400	1420							
RATED SPEED (IIIII )	73.3	73.3	72.0							
EFFICIENCY CLASS	75.5 IE1	73.3	72.0							
THERMAL CLASS	155(F)									
RATING	S1 (CONTINUOUS)									
ENCLOSURE CONSTRUCTION	,	D EAN COOLED								
DEGREES OF PROTECTION	IP55	D FAN COOLED								
METHOD OF COOLING	IC411									
FRAME NO.	71M									
WEIGHT (kg) STANDARD	B EC 60024 1 JEC 60024 20 1									
INSTALLATION	IEC 60034-1, IEC 60034-30-1									
	FOOT MOUNTED									
ROTATION	CCW (VIEWED FROM SHAFT END)									
BEARING		LOAD SIDE : 6202ZZ  OPPOSITE SIDE : 6201ZZ								
BEARING GREASE	JREA GREASE									
NOISE (dB.A)	61									
VIBRATION	/15									
CIRCUMSTANCE	AMBIENT TEMPERATURE : -20 ~ +40°C									
ONDITION AMBIENT HUMIDITY : 95%RH OR LESS										
	ABOVE SEA LEVEL : 1000m OR LESS									
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR									
COLOR	MUNSELL N1.5 (BLA		51.6111.6/E1.6611	2 3/13 311 7/11 311						
TERMINAL BOX	NO. OF LEAD WIRES : 6									
TERMINAL BOX	SOURCE CONNECT		INAL BLOCK							
SHAFT SWING	≤0.03mm									
MATERIAL	FRAME : STEEL PLATE									
	BRACKET : 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									
	THAILAND									

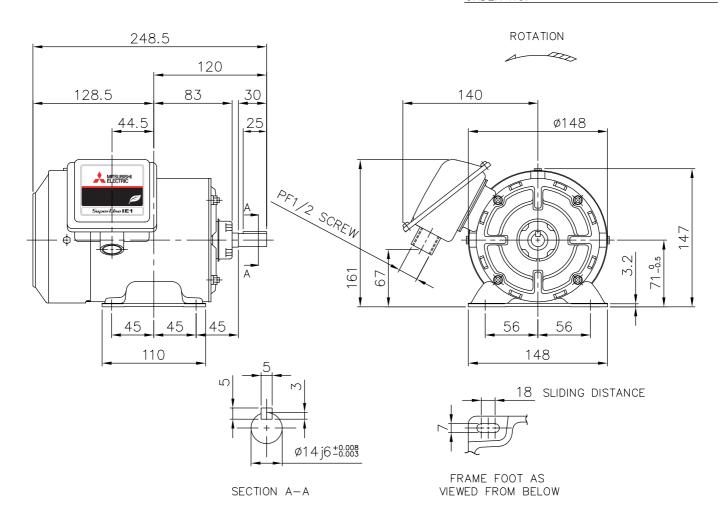
Specifications subject to change without notice.

SPECIFICATION SHEET NO.		
SS-M-7763-B		

## MODEL SF-QR THREE PHASE INDUCTION MOTOR OUTLINE DRAWING

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

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



YOUR	FRAME	RATING	TH.	AMB.	L BEAR	RINGS		DIRECTION OF R			REMARKS
ORDER	SIZE	KATING	CLASS	TEMP.	LOAD SIDE	OPP. SIDE	COLOR	(VIEWED FROM SH	AFT END)	LEAD WIRES	REMARKS
	71M	S1 (CONT.)	155(F)	40°C	6202ZZ	6201ZZ	BLACK (MUNSELL N1.5)	CCW		6	
YOUR	YOUR OUTPUT POLES VOLT		HERTZ	AMP.	RPM	IE CODE	E-RATED EFF.	DEMARKS			
ORDER	HP	kW	PULES		VOLI	HERIZ	AMP.	KPM	IE CODE	L-RAILD EFF.	REMARKS
	1/2	0.4	2	220	/380 /415	50	1 80 /1 05 /1 00	2830 /2830 /2860		IE1	ı T

ORDER	HP	kW	PULES	VOLT	HERIZ	AMP.	RPM	IE CODE-RATED EFF.	REMARKS
	1/2	0.4	2	220/380/415	50	1.80/1.05/1.00	2830/2830/2860	IE1 70.7/70.7%/73.6%	LT
	1/2	0.4	4	220/380/415	50	2.00/1.14/1.18	1400/1400/1420	IE1 73.3%/73.3%/72.0%	LΤ
	1/4	0.2	6	220/380/415	50	1.23/0.71/0.74	920/920/930	IE1 64.5%/64.5%/63.5%	LT

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.

	OUTLINE DRAWING NO.		REV.
DIMENSION IN mm.		7 7	
SCALE : NTS		/ )	