

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

บริษัท มิตซูบิชี อีเล็คทริค ออโตเมชั่น (ประเทศไทย) จำกัด นิคมอุตสาหกรรมบางชัน เลชที่ 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 7.5HP 6P (LT)

USED FOR : STANDARD

DESCRIPTION	I		DETAIL						
PHASE	3		DETAIL						
MODEL NAME	SF-QR								
RATED OUTPUT, HP (kW)	7.5 (5.5)								
POLE	6								
CODE	MEATH CODE : 1M002F-600550QRGD0								
OUTLINE DRAWING NO.	ONM24O162-C								
RATED VOLTAGE (V)	220	380	415	T					
RATED FREQUENCY (Hz)	50	50	50						
RATED CURRENT (A)	21.3	12.3	12.3						
RATED SPEED (min ⁻¹)	950	950	950						
RATED EFFICIENCY (%)	83.1	83.1	83.1						
EFFICIENCY CLASS	IE1		-	-					
THERMAL CLASS	155(F)								
RATING	S1 (CONTINUOUS)								
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSE	D FAN COOLED							
DEGREES OF PROTECTION	IP55								
METHOD OF COOLING	IC411								
FRAME NO.	132M								
WEIGHT (kg)	57.5								
STANDARD	IEC 60034-1, IEC 60	IEC 60034-1, IEC 60034-30-1							
INSTALLATION	FOOT MOUNTED								
ROTATION	,	CCW (VIEWED FROM SHAFT END)							
BEARING LOAD SIDE : 6308ZZ									
		DPPOSITE SIDE : 6207ZZ							
BEARING GREASE	UREA GREASE								
NOISE (dB.A)	68								
VIBRATION	V10 AMBIENT TEMPERATURE : -20 ~ +40°C								
CIRCUMSTANCE									
CONDITION	AMBIENT HUMIDITY : 95%RH OR LESS								
	ABOVE SEA LEVEL : 1000m OR LESS								
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR								
COLOR	MUNSELL N1.5 (BLA								
TERMINAL BOX	NO. OF LEAD WIRES : 6 SOURCE CONNECTION : TERMINAL BLOCK								
	SOURCE CONNECT	ION : TERM	INAL BLOCK						
SHAFT SWING	≤0.03mm	07551 51 475							
MATERIAL	FRAME : STEEL PLATE								
	BRACKET : ALUMINIUM								
	SHAFT : CARBON STEEL								
	STATOR CORE : ELECTRICAL STEEL WIRE : ENAMELLED CORRER MAGNET WIRE								
	WIRE : ENAMELLED COPPER MAGNET WIRE								
	ROTOR CORE : ELECTRICAL STEEL								
	CONDUCTOR : ALUMINIUM								
	TERMINAL BOX : STEEL PLATE								
DDODLIGTION COLUMNTSY	PAINTING : POLYURETHANE RESIN								
PRODUCTION COUNTRY	THAILAND								

Specifications subject to change without notice.

SPECIFICATION SHEET NO.		
SS-N-2003-A		

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

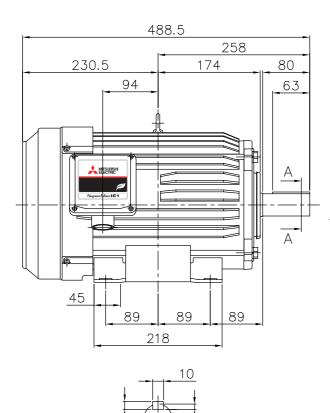
ORDER NO.

QUANTITY

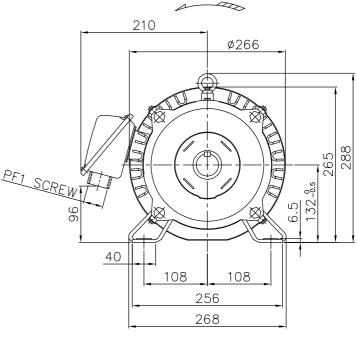
MFG.

ORDER NO.

ROTATION



SECTION A-A



4 SLIDING DISTANCE

FRAME FOOT AS VIEWED FROM BELOW

YOUR	FRAME	RATING	TH.	AMB.	BEAR	RINGS	COLOR	DIRECTION OF ROTATION	NO. OF	REMARKS
ORDER	SIZE	KATING	CLASS	TEMP.	LOAD SIDE	OPP. SIDE	COLOR	(VIEWED FROM SHAFT END)	LEAD WIRES	REMARKS
	132M	S1 (CONT.)	155(F)	40°C	6308ZZ	6207ZZ	BLACK (MUNSELL N1.5)	CCW	6	

YOUR		TPUT	POLES	VOLTS	HERTZ	AMP.	RPM	IE CODE-RATED EFF.	REMARKS
ORDER	HP	kW	1 OLLO	*0213	TILITIZ				
	10	7.5	4	220/380/415	50	26.8/15.5/15.0	1450/1450/1460	IE1 86.0%/86.0%/86.2%	LT
	7.5	5.5	6	220/380/415	50	21.3/12.3/12.3	950/950/950	IE1 83.1%/83.1%/83.1%	LT
	10	7.5	4	380/415	50	15.4/14.7	1450/1460	IE1 86.0%/86.7%	НТ
	7.5	5.5	6	380/415	50	12.5/12.6	950/960	IE1 83.1%/83.1%	HT

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Ø38k6+0.018

	OUTLINE DRAWING NO.	REV.
DIMENSION IN mm.		
SCALE : NTS		