

**MOTOR SPECIFICATION SHEET**

MODEL : SF-QRGC 7.5HP 4P RATIO 1:29 (LT)

USED FOR : GEAR MOTOR

DESCRIPTION	DETAIL			
PHASE	3			
MODEL NAME	SF-QRGC			
RATED OUTPUT, HP (kW)	7.5 (5.5)			
POLE	4			
CODE	MEATH CODE : 1G1029-075H6145QR0			
OUTLINE DRAWING NO.	ONM24O324-A			
RATED VOLTAGE (V)	220	380	415	
RATED FREQUENCY (Hz)	50	50	50	
RATED CURRENT (A)	20.2	11.7	11.6	
RATED SPEED (min <sup>-1</sup> ) *	50	50	50	
RATED EFFICIENCY (%)	84.7	84.7	84.7	
EFFICIENCY CLASS	IE1			
THERMAL CLASS	155(F)			
RATING	S1 (CONTINUOUS)			
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED			
DEGREES OF PROTECTION	IP55			
METHOD OF COOLING	IC411			
FRAME NO.	132S			
WEIGHT (kg)	94.5			
STANDARD	IEC 60034-1, IEC 60034-30-1			
INSTALLATION	FOOT MOUNTED			
ROTATION	CW (VIEWED FROM SHAFT END)			
BEARING	LOAD SIDE : 6308ZZ			
	OPPOSITE SIDE : 6207ZZ			
BEARING GREASE	UREA GREASE			
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 : 6			
	SOURCE CONNECTION : TERMINAL BLOCK			
GEAR RATIO	1:29			
GEAR LUBRICANT	OIL (Must be filled by user.)			
SERVICE FACTOR	1.37			
MATERIAL	FRAME : STEEL PLATE			
	BRACKET (GEAR SIDE) : CAST IRON			
	BRACKET (OPP SIDE) : ALUMINIUM			
	GEAR CASE : CAST IRON			
	SHAFT (MOTOR) : STEEL			
	SHAFT (GEAR OUTPUT) : 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		

\* THIS VALUE IS CALCULATED BY " MOTOR RATED SPEED / GEAR RATIO ".

( SPECIFICATION VALUE IS 50 min<sup>-1</sup> .)

Specifications subject to change without notice.

<b>SPECIFICATION SHEET NO.</b>				
SS-M-2838-B				

