

MOTOR SPECIFICATION SHEET

MODEL : SF-PO 22kW 4P

USED FOR : 400V CLASS

MANUFACTURER : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO.,LTD.

DESCRIPTION	DETAIL				
PHASE	3				
MODEL NAME	SF-PO				
RATED OUTPUT	22kW				
POLE	4				
CODE	MEATH CODE : 1M002F-402200P-NH0				
OUTLINE DRAWING NO.	ONM34O745-*				
RATED VOLTAGE (V)	380	400	415	400	
RATED FREQUENCY (Hz)	50	50	50	60	
RATED CURRENT (A)	42	41.5	41.5	39	
RATED SPEED (min ⁻¹)	1475	1475	1475	1775	
RATED EFFICIENCY	93.7%	93.7%	93.3%	94.1%	
EFFICIENCY CLASS	IE3				
THERMAL CLASS	130 (B)				
RATING	S1 (CONTINUOUS)				
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED				
DEGREES OF PROTECTION	IP55				
METHOD OF COOLING	IC411				
FRAME NO.	180M				
WEIGHT (kg)	192kg.				
STANDARD	JIS C 4213 / JEC-2110:2017				
INSTALLATION	FOOT MOUNTED				
ROTATION	CCW (VIEWED FROM SHAFT END)				
BEARING	LOAD SIDE : 6311ZZ				
	OPPOSITE SIDE : 6310ZZ				
BEARING GREASE	UREA GREASE				
NOISE (dB.A)*	50Hz : 71 / 60Hz : 76				
VIBRATION	V15				
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -30 ~ +40°C				
	AMBIENT HUMIDITY : 100% RH (NO CONDENSATION)				
	ABOVE SEA LEVEL : 1000m OR BELOW				
	ENVIRONMENT : NO CORROSIVE/EXPLOSIVE GAS, NO STEAM OR CONDENSATION, MINIMAL DUST.				
COLOR	MUNSELL N7 (GRAY)				
TERMINAL BOX	NO. OF LEAD WIRES : 6				
	SOURCE CONNECTION : LEAD WIRES				
SHAFT SWING	≤0.05mm				
MATERIAL	FRAME : CAST IRON				
	BRACKET : CAST IRON				
	SHAFT : CARBON STEEL				
	STATOR CORE : ELECTRICAL STEEL				
	WIRE : ENAMELLED COPPER MAGNET WIRE				
	ROTOR CORE : ELECTRICAL STEEL				
	CONDUCTOR : ALUMINIUM				
	TERMINAL BOX : STEEL PLATE				
PAINTING	: ALKYD-NITROCELLULOSE RESIN				
PRODUCTION COUNTRY	THAILAND				

*Value indicates representative value, not guaranteed value.

Specifications subject to change without notice.

SPECIFICATION SHEET NO.				
SS-N-3376-A				

