

**MOTOR SPECIFICATION SHEET**

MODEL : SF-PRB 0.75kW 4P  
USED FOR : 380V 50Hz  
MANUFACTURER : MITSUBISHI ELECTRIC CORPORATION

DESCRIPTION	DETAIL
PHASE	3
MODEL NAME	SF-PRB
RATED OUTPUT	0.75 kW
POLE	4
CODE	
OUTLINE DRAWING NO.	BD27325-*
RATED VOLTAGE (V)	380
RATED FREQUENCY (Hz)	50
RATED CURRENT (A)	1.8
RATED SPEED (min <sup>-1</sup> )	1410
RATED EFFICIENCY	83.5%
EFFICIENCY CLASS	IE3
THERMAL CLASS	120 (E)
RATING	S1 (CONTINUOUS)
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED
DEGREES OF PROTECTION	IP44
METHOD OF COOLING	IC411
FRAME NO.	80M
WEIGHT (kg)	17
STANDARD	JIS C 4213, JEC-2137-2000
INSTALLATION	FOOT MOUNTED
ROTATION	CCW (VIEWED FROM SHAFT END)
BEARING	LOAD SIDE : 6204ZZ OPPOSITE SIDE : 6204ZZ
BEARING GREASE	UREA GREASE
NOISE (dB.A)*	49
VIBRATION	V15
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -20 ~ +40°C AMBIENT HUMIDITY : 95% 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 : MOTOR = 3 , BRAKE = 3 SOURCE CONNECTION : TERMINAL BLOCK
SHAFT SWING	≤0.03mm
MATERIAL	FRAME : STEEL PLATE BRACKET LOAD SIDE : ALUMINIUM OPPOSITE SIDE : 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 : ACRYLIC RESIN
BRAKE	TYPE : TB-A0.75H (DC) RATED BRAKING TORQUE : 7.5 N.m POWER SUPPLY UNIT : PROVIDED BY BUILT INTO MOTOR.
PRODUCTION COUNTRY	JAPAN

\*Value indicates representative value, not guaranteed value.

Specifications subject to change without notice.

**SPECIFICATION SHEET NO.**

SS-M-8689-A

