

MOTOR SPECIFICATION SHEET

MODEL : CHHM8-6145-25 (LT) (Motor model : SF-JRG 7.5HP 4P)

USED FOR : GEAR MOTOR

DESCRIPTION	DETAIL				
PHASE	3				
MODEL NAME	CHHM8-6145-25				
RATED OUTPUT, HP (kW)	7.5 (5.5)				
POLE	4				
CODE	MEATH CODE : 1G1025-075H61452				
OUTLINE DRAWING NO.	OMM24O971-*				
RATED VOLTAGE (V)	220	380	415	220	440
RATED FREQUENCY (Hz)	50	50	50	60	60
RATED CURRENT (A)	20.4	11.8	11.1	19.9	10.3
RATED SPEED (min ⁻¹) *	57	57	58	69	70
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)	85				
STANDARD	IEC 60034-1, JEC-2137-2000				
INSTALLATION	FOOT MOUNTED				
ROTATION	CCW (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 N5.5 (GRAY)				
TERMINAL BOX	NO. OF LEAD WIRES : 6				
	SOURCE CONNECTION : TERMINAL BLOCK				
INSULATION RESISTANCE	BY DC 500V MEGGER - ≥100MΩ				
DIELECTRIC TEST	AC 50Hz 1800V - 1min. (Based on rated voltage 380V)				
GEAR RATIO	1 : 25				
GEAR LUBRICANT	OIL (Must be filled by user.)				
SERVICE FACTOR	1.44				
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				
	INSULATOR : POLYESTER FILM SATURATED WITH RESIN				
	VARNISH : EPOXY DENATURALIZATION POLYESTER				
	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.

(Catalog value is specified by follow Gear maker specification, 50/60Hz = 58/70min⁻¹.)

Specifications subject to change without notice.

SPECIFICATION SHEET NO.				
SS-M-2429-A				

