



MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.

Bang-Chan Industrial Estate No. 111 Moo 4, Serithai Rd., T.Kannayao, A.Kannayao, BKK 10230 Thailand

Tel: (66) 2517-1326, (66) 2919-9873 Fax: (66) 2517-1328 URL: www.meath-co.com E-mail: support@meath.co.th

บริษัท มิตซูบิชิ อิเล็คทริค ออโตเมชั่น (ประเทศไทย) จำกัด

นิคมอุตสาหกรรมบางปัน เลขที่ 111 หมู่ 4 ถนนและริมแม่น้ำเจ้าพระยา ตำบลนาข่าย กาญจนบุรี 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

MODEL : CNHM3-6125-35 (LT) (Motor model : SF-JRG 3HP 4P)

USED FOR : GEAR MOTOR

DESCRIPTION	DETAIL				
PHASE	3				
MODEL NAME	CNHM3-6125-35				
RATED OUTPUT, HP (kW)	3 (2.2)				
POLE	4				
CODE	MEATH CODE : 1G1035-030N61251				
OUTLINE DRAWING NO.	OMM04O967-*				
RATED VOLTAGE (V)	220	380	415	220	440
RATED FREQUENCY (Hz)	50	50	50	60	60
RATED CURRENT (A)	8.7	5.0	4.9	8.5	4.6
RATED SPEED (min^{-1}) *	41	41	41	49	49
THERMAL CLASS	155(F)				
RATING	S1 (CONTINUOUS)				
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED				
DEGREES OF PROTECTION	IP55				
METHOD OF COOLING	IC411				
FRAME NO.	100L				
WEIGHT (kg)	45				
STANDARD	IEC 60034-1, JEC-2137-2000				
INSTALLATION	FOOT MOUNTED				
ROTATION	CCW (VIEWED FROM SHAFT END)				
BEARING	LOAD SIDE : 6205ZZ OPPOSITE SIDE : 6205ZZ				
BEARING GREASE	UREA GREASE				
CIRCUMSTANCE	AMBIENT TEMPERATURE : -20 ~ +40°C				
CONDITION	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 - $\geq 100\text{M}\Omega$				
DIELECTRIC TEST	AC 50Hz 1800V - 1min. (Based on rated voltage 380V)				
GEAR RATIO	1 : 35				
GEAR LUBRICANT	GREASE (Filled from factory.)				
SERVICE FACTOR	1.31				
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, $50/60\text{Hz} = 41/50\text{min}^{-1}$.)

Specifications subject to change without notice.

SPECIFICATION SHEET NO.				
SS-M-0399-A				

MODEL CNHM THREE PHASE INDUCTION MOTOR OUTLINE DRAWING

GEAR MOTOR

TOTALLY ENCLOSED FAN COOLED

DEGREES OF PROTECTION IP55

DUST & WATER JET PROOF

CUSTOMER

USER

FOR

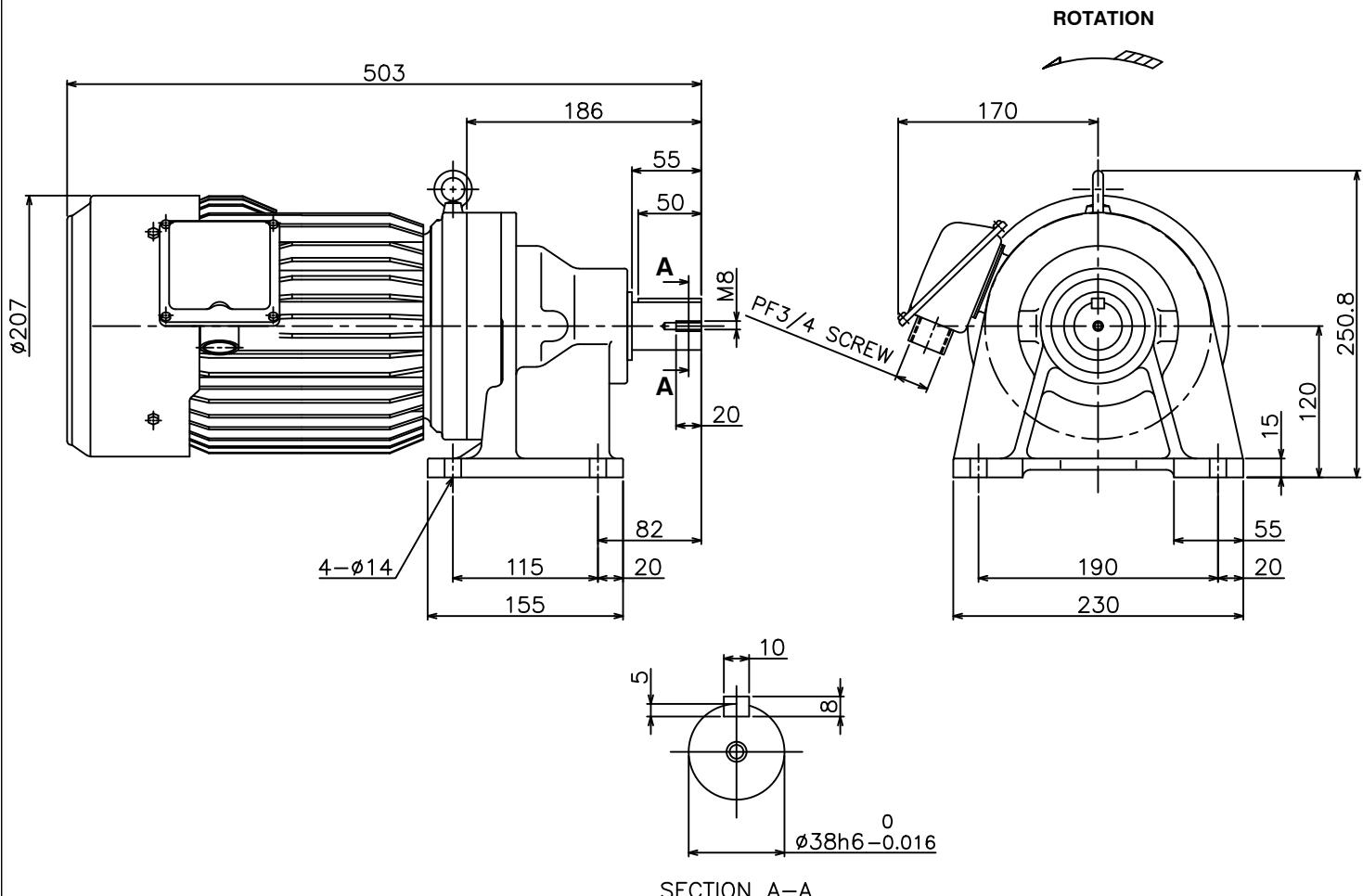
CUSTOMER'S

ORDER NO.

QUANTITY

MFG.

ORDER NO.



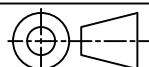
SECTION A-A

YOUR ORDER	MOTOR FRAME SIZE	RATING	TH. CLASS	AMB. TEMP	BEARINGS		COLOR	DIRECTION OF ROTATION	NO. OF LEAD WIRES	REMARKS
					LOAD SIDE	OPP. SIDE				
	100L	S1 (CONT.)	155(F)	40°C	6205ZZ	6205ZZ	GRAY (MUNSELL N5.5)	CCW	6	

YOUR ORDER	MODEL NAME	RATIO	SERVICE FACTOR	MOTOR OUTPUT		POLE	HERTZ	VOLT	OUTPUT SPEED (rpm)	LUBRICATION TYPE	WEIGHT (kg)
				HP	kW						
	CNHM3-6120-25	1:25	1.40	3	2.2	4	50	220/380/415	58	GREASE (1)	45
							60	220/440	70		
	CNHM3-6125-29	1:29	1.58	3	2.2	4	50	220/380/415	50		
							60	220/440	60		
	CNHM3-6125-35	1:35	1.31	3	2.2	4	50	220/380/415	41		
							60	220/440	50		

NOTE : (1) Grease had been filled from manufacturer already.

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.



OUTLINE DRAWING NO.

DIMENSION IN mm.

SCALE : NTS

O M M 0 4 0 9 6 7

REV.