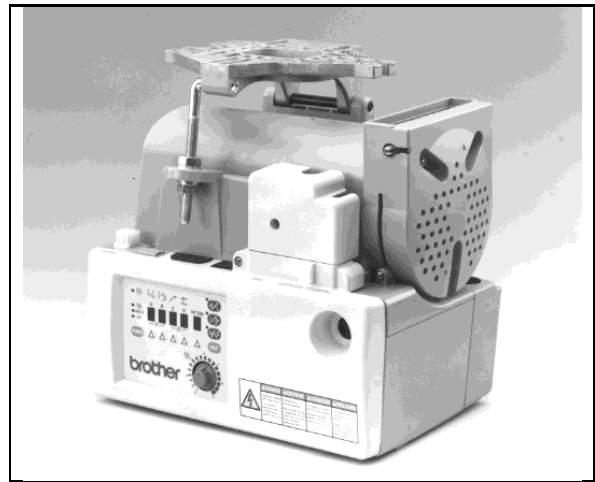


# MD-6210

# MD-6310

## General-purpose AC Servomotor



### Specifications

Product code		MD-6210		MD-6310	
Power supply		Single-phase 110 V, 50/60 Hz	Single-phase 220V~240V, 50/60 Hz	Three-phase 220V, 50/60Hz	Three-phase 380V~400V, 50/60Hz
Motor	Model	LOW-9-N			HIGH-9-N
	Type	Induction motor			
	Rated output	550 W			
	Rated speed	3,500 min <sup>-1</sup>			
	Insulation class	Type E			
Control box	Voltage	110 V	220V~240V	220 V	380V~400V
	Speed control range (machine shaft)	Up to 5,000 rpm (Overlock: MAX 8,500rpm)			
	Solenoid resistance	5 Ω or more			
	Allowable voltage fluctuation	±10%			
	Operating temperature	5°C - 35°C			
	Operating humidity	45%RH - 85%RH (no condensation)			
	Storage temperature / humidity	-20°C - 60°C 25%RH - 90%RH			
	Weight	16kg (Main unit)			
	Dimensions	335 (W) x 307 (H) x 218 (D) (Main unit)			

### MD-6210

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Power supply	
6210	Single-phase
6310	Three-phase

Applicable machine heads					
Single-needle	Pulley	Twin-needle		Pulley	
1	737□	φ75	E	P73□ P81□	φ80
2	201□	φ75	H	COV(256□etc.)	φ65
3	722□	φ75	J	HEN(776□)	φ75
4	724□	φ75	K	SUF(891□etc.)	φ80
5	748□	φ75	L	SBL	φ55
6	791□ 774□	φ75	U	291□	
7	798□ 728□	φ75	V	942□	
8	852□ 853□ 854□	φ77	Z	No head setting	
9	883□	φ77			
A	Overlock	φ55			
B	Twin-needle (842 etc.)	φ75			
C	877□ 878□	φ75			
D	C51□	φ102			

Treadle unit	
7	One forward step, two backward steps With standing pedal plug

Maximum machine head speed + pulley size	
1	(850rpm) 1,000 rpm
2	2,000 rpm
3	2,200 rpm
4	2,400 rpm
5	2,500 rpm
6	2,600 rpm
7	3,000 rpm
8	3,500 rpm
9	4,000 rpm
A	4,500 rpm
B	5,000 rpm
C	5,500 rpm
D	6,000 rpm
E	6,500 rpm
F	7,000 rpm
G	7,500 rpm
H	8,000 rpm
J	8,500 rpm
K	φ 105 general purpose
L	φ 90 general purpose
M	φ 80 3,500 rpm
N	φ 80 general purpose

\*Each pulley size indicates the size measured from the outside of belt with the belt attached to the pulley.