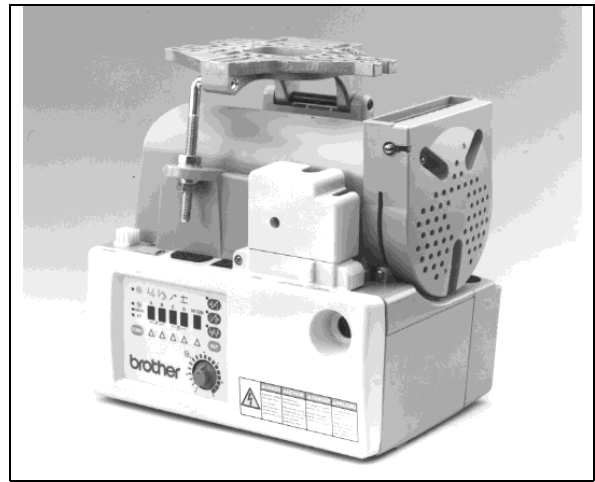


# MD-621

# MD-631

## General-purpose AC Servomotor



### Product specification code (Export)

137-6□1-711-□□

Power supply	
2	Single phase 50 / 60 Hz common (Voltage: 100 V, 110 V, 220 V, 230 V, 240 V) *1
3	3 phase 50 / 60 Hz common (Voltage: 200 V, 220 V, 380 V, 400 V, 415 V) *2

\*1: The 220 V, 230 V and 240 V specifications are common by reinserting the connector internally.

\*2: The 380 V, 400 V and 415 V specifications are common by reinserting the connector internally.

Single phase		
1	110V	Taiwan Mexico
2	110V OCR	USA
3	110V SJT	Canada
4	230V No switches CE	Germany UK France Italy Spain Portugal
5	220V	General Middle East Turkey Hong Kong Brazil
6		
7	230V	Singapore
8	230V	Greece New Zealand
9		
0	240V	Australia

3 phase		
1	220V	Taiwan Mexico Hong Kong Korea
2	220V OCR	USA
3	220V SJT	Canada
4	400V No switches CE	Germany UK France Italy Spain Portugal
5	380V	General China Thailand Vietnam Zimbabwe
6	380V OCR	South Africa
7		
8		
9		
0	415V	Australia

### General-purpose specifications, motor pulley diameter, treadle type, packaging

G	Pulley $\phi$ 105 Treadle (with one forward and two back steps) Shipped with no machine head setting
F	Pulley $\phi$ 90 Treadle (with one forward and two back steps) Shipped with no machine head setting

**Product specification code (Export)**

137-6□1-752-4□

B891series specifications (with machine, packaging)
B891 series specifications Pulley $\phi$ 80
Treadle (with one forward and two back steps) 3500rpm
Machine head set (Set to B891) With B891 synchronizer

Power supply	
2	Single phase 50 / 60 Hz common (Voltage: 100 V, 110 V, 220 V, 230 V, 240 V) *1
3	3 phase 50 / 60 Hz common (Voltage: 200 V, 220 V, 380 V, 400 V, 415 V) *2

\*1: The 220 V, 230 V and 240 V specifications are common by reinserting the connector internally.

\*2: The 380 V, 400 V and 415 V specifications are common by reinserting the connector internally.

Single phase		
1	110V	Taiwan Mexico
2	110V OCR	USA
3	110V SJT	Canada
4	230V No switches CE	Germany UK France Italy Spain Portugal
5	220V	General Middle East Turkey Hong Kong Brazil
6		
7	230V	Singapore
8	230V	Greece New Zealand
9		
0	240V	Australia

3 phase		
1	220V	Taiwan Mexico Hong Kong Korea
2	220V OCR	USA
3	220V SJT	Canada
4	400V No switches CE	Germany UK France Italy Spain Portugal
5	380V	General China Thailand Vietnam Zimbabwe
6	380V OCR	South Africa
7		
8		
9		
0	415V	Australia

## Motor pulley diameter

\*There are two motor pulley diameters,  $\phi 90$  and  $\phi 105$ , for the general-purpose specifications. Use  $\phi 90$  pulley for a speed of 4,500 rpm or less, and  $\phi 105$  pulley for more than 4,500 rpm. For B891 / B892, use  $\phi 80$  pulley.

Head	Motor pulley diameter
<Single needle>	
B737 Mark II / B201 / B755	$\phi 90$ , $\phi 105$
B791	$\phi 90$
B774	$\phi 90$
B776	$\phi 90$
B722	$\phi 90$ , $\phi 105$
B724	$\phi 90$
B748A	$\phi 90$
B798 / B728	$\phi 90$
B772A	$\phi 90$ , $\phi 105$
B778A	$\phi 90$ , $\phi 105$
B781	$\phi 90$
B852 / B853 / B854	$\phi 90$
B883 Mark II	$\phi 90$
<Twin needle>	
B842 Mark II	$\phi 90$
B872 Mark II	$\phi 90$
B845 Mark II / B875 Mark II	$\phi 90$
B847 Mark II	$\phi 90$
B848 Mark II	$\phi 90$
B837	$\phi 90$
B877	$\phi 90$
B878	$\phi 90$
<Covering, heavy material, chain stitch, overlock>	
B891 / B892	$\phi 80$
B256 / B257 / B276 / B271	$\phi 105$
B291	$\phi 90$
B941 / B942	$\phi 90$
P73 / P81	$\phi 90$
C51	$\phi 90$
Overlock	$\phi 105$
SBL	$\phi 105$

\*The B891 series specifications do not have the outer panel F-40. The built-in panel is used instead.

If you need the outer panel, order it separately (F-40HB panel and panel installation plate). The model code is 137-207-712-16

\*The motor pulley is an aluminum taper pulley. A commercially-available taper pulley can be used.

\*The motor pulley differs according to each sewing machine model. Use of a non-specified pulley will prevent the sewing machine from operating in the optimum state.