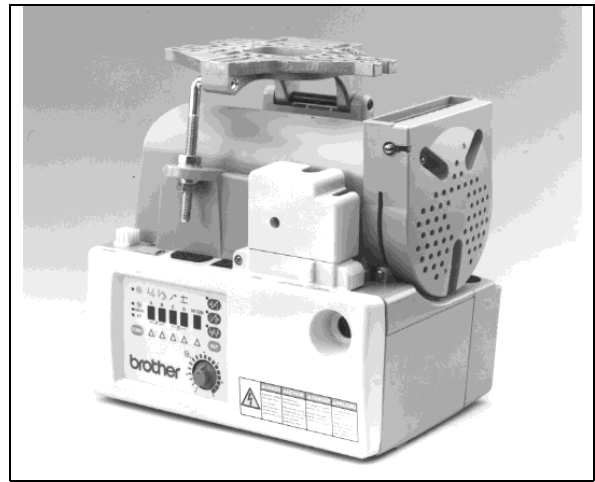


MD-621

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 ϕ 105 Treadle (with one forward and two back steps) Shipped with no machine head setting |
| F | Pulley ϕ 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 ϕ 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.