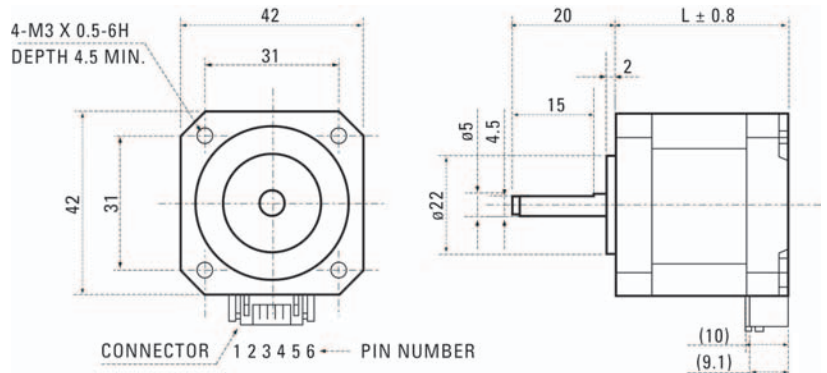
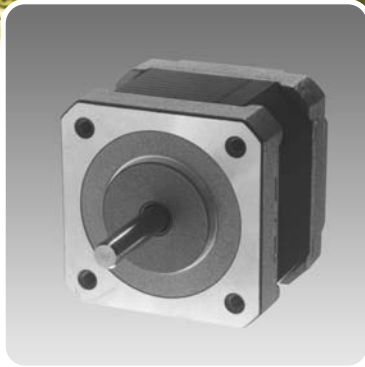


# Stepper Motor Series SST43D

Size 17

Integral  
Connector 6 Pin  
34mm, 40mm L  
1.8° step  
Low Noise,  
Low Vibration,  
High Torque



## Specifications

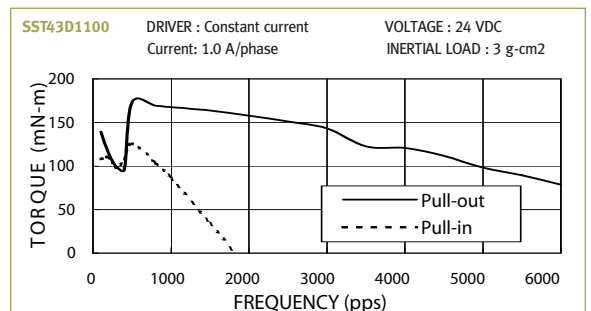
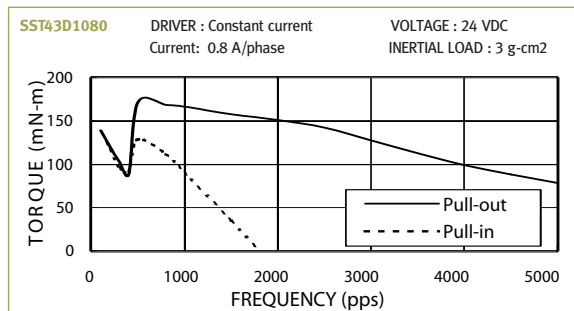
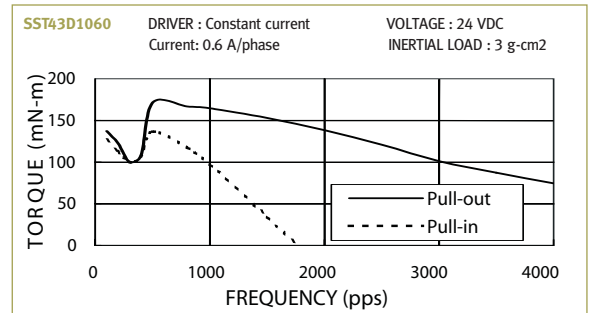
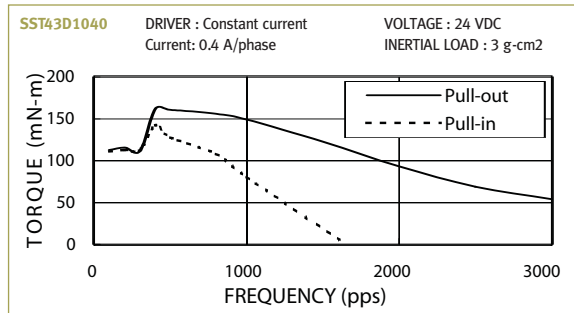
| MODEL        | STEP<br>ANGLE | VOLTAGE | CURRENT | RESISTANCE | INDUCTANCE | HOLDING<br>TORQUE | ROTOR<br>INERTIA  | NUMBER<br>OF LEADS | WEIGHT | DIMENSION |
|--------------|---------------|---------|---------|------------|------------|-------------------|-------------------|--------------------|--------|-----------|
| SINGLE SHAFT | DEG.          | V       | A/Phase | Ω/Phase    | mH/Phase   | mNm               | g-cm <sup>2</sup> | LEAD               | kg     | L         |
| SST43D1040   | 1.8           | 9.6     | 0.4     | 24.0       | 16.0       | 180               | 33                | 6                  | 0.23   | 34        |
| SST43D1060   | 1.8           | 6.9     | 0.6     | 11.5       | 8.1        | 190               | 33                | 6                  | 0.23   | 34        |
| SST43D1080   | 1.8           | 5.1     | 0.8     | 6.4        | 4.9        | 200               | 33                | 6                  | 0.23   | 34        |
| SST43D1100   | 1.8           | 4.2     | 1.0     | 4.2        | 3.3        | 200               | 33                | 6                  | 0.23   | 34        |
| SST43D1120   | 1.8           | 3.2     | 1.2     | 2.7        | 2.3        | 200               | 33                | 6                  | 0.23   | 34        |
| SST43D1150   | 1.8           | 2.7     | 1.5     | 1.8        | 1.5        | 200               | 33                | 6                  | 0.23   | 34        |
| SST43D2040   | 1.8           | 12.0    | 0.4     | 30.0       | 24.0       | 260               | 56                | 6                  | 0.29   | 40        |
| SST43D2060   | 1.8           | 7.2     | 0.6     | 12.0       | 11.8       | 260               | 56                | 6                  | 0.29   | 40        |
| SST43D2080   | 1.8           | 5.5     | 0.8     | 6.         | 7.1        | 260               | 56                | 6                  | 0.29   | 40        |
| SST43D2100   | 1.8           | 4.8     | 1.0     | 4.8        | 4.8        | 270               | 56                | 6                  | 0.29   | 40        |
| SST43D2120   | 1.8           | 4.0     | 1.2     | 3.3        | 3.6        | 280               | 56                | 6                  | 0.29   | 40        |
| SST43D2140   | 1.8           | 3.2     | 1.4     | 2.3        | 2.5        | 280               | 56                | 6                  | 0.29   | 40        |
| SST43D2160   | 1.8           | 3.0     | 1.6     | 1.9        | 1.8        | 260               | 56                | 6                  | 0.29   | 40        |

RoHS compliant

## Typical Performance (Uni-polar wiring)

Refer to page 41 for Driver Information

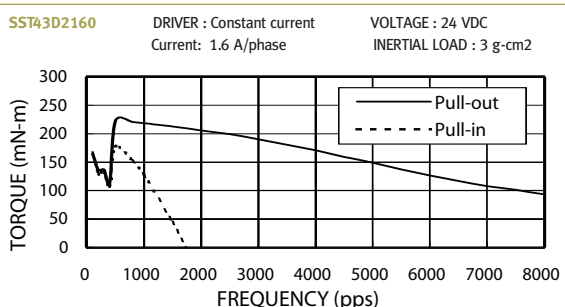
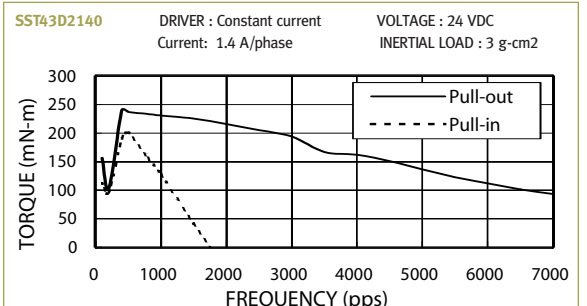
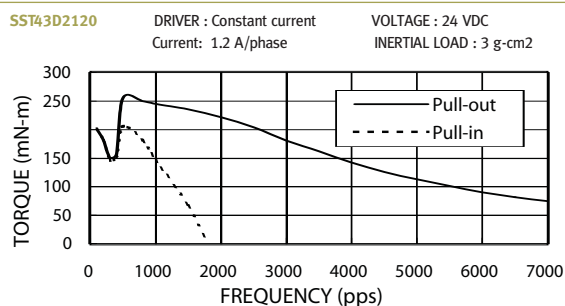
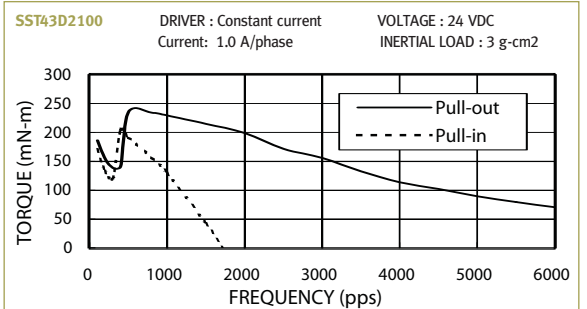
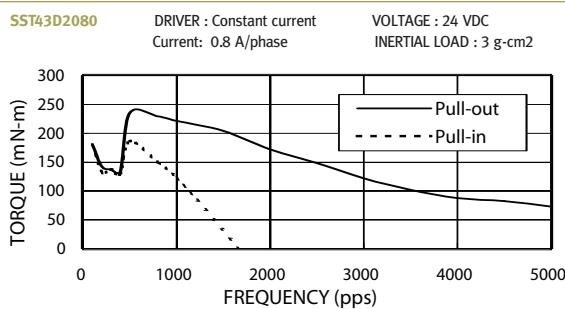
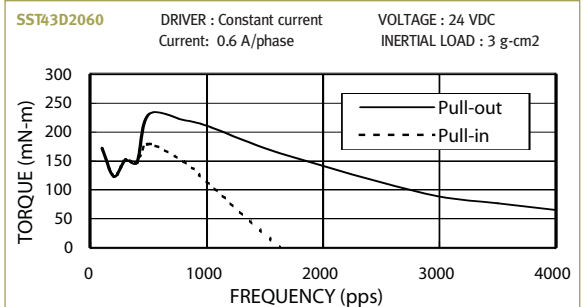
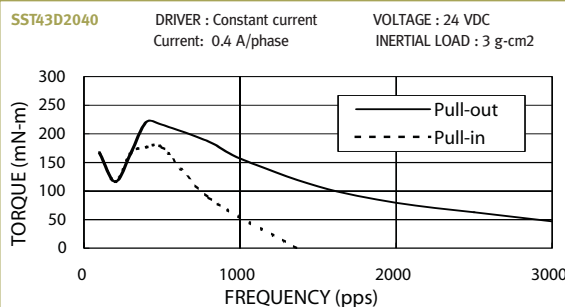
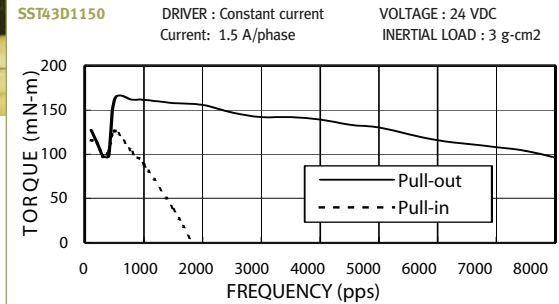
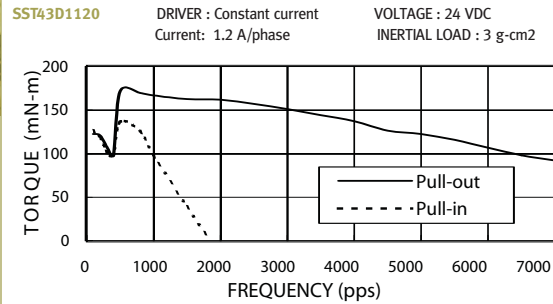
— Pull Out --- Pull In



# Stepper Motor Series SST43D (continued)

Size 17

Integral  
Connector 6 Pin  
34mm, 40mm L  
1.8° step  
Low Noise,  
Low Vibration,  
High Torque



| PIN OUT CHART |     |   |   |     |   |
|---------------|-----|---|---|-----|---|
| 1             | 2   | 3 | 4 | 5   | 6 |
| A             | B   | B | A | A   | B |
|               | COM |   |   | COM |   |