

FB SERIES GEARED MOTOR

■ SPECIFICATION

■ MOTOR

| No | Output | Voltage | Frequency | Duty | Rated | | | Starting Torque | Stall Torque | Capacitor |
|----|--------|---------|-----------|-------|---------|-------|--------|-----------------|--------------|-----------|
| | | | | | Current | speed | Torque | | | |
| | | | | | A | r/min | Nm | | | |
| 1 | 25 | 230 | 50 | Cont. | 0.27 | 1300 | 0.26 | 0.15 | 0.32 | 1.5 |
| 2 | 40 | 230 | 50 | | 0.32 | 1300 | 0.31 | 0.19 | 0.41 | 2.0 |
| 3 | 60 | 230 | 50 | | 0.48 | 1300 | 0.49 | 0.34 | 0.66 | 3.5 |
| 4 | 90 | 230 | 50 | | 0.70 | 1300 | 0.74 | 0.53 | 0.98 | 5.0 |
| 5 | 180 | 230 | 50 | | 1.29 | 1300 | 1.29 | 0.90 | 2.00 | 8.0 |

■ GEARED MOTOR

| No | Motor Design | Ratio | Stage | No Load | | Rated | | | Permissible Torque | Starting Torque | Stall Torque |
|----|--------------|-------|-------|---------|---------|-------|---------|--------|--------------------|-----------------|--------------|
| | | | | Speed | Current | speed | Current | Torque | | | |
| | | | | r/min | A | r/min | A | Nm | | | |
| 1 | 25W | 21 | 3 | 70.5 | 0.12 | 61.9 | 0.27 | 4.0 | 100 | 2.3 | 4.9 |
| 2 | | 39 | 3 | 37.9 | 0.12 | 33.3 | 0.27 | 7.4 | | 4.3 | 9.1 |
| 3 | | 49 | 3 | 30.2 | 0.12 | 26.5 | 0.27 | 9.3 | | 5.4 | 11.4 |
| 4 | | 58 | 3 | 25.5 | 0.12 | 22.4 | 0.27 | 11.0 | | 6.3 | 13.5 |
| 5 | | 62 | 3 | 23.9 | 0.12 | 21.0 | 0.27 | 11.8 | | 6.8 | 14.5 |
| 6 | | 74 | 3 | 20.0 | 0.12 | 17.6 | 0.27 | 14.0 | | 8.1 | 17.3 |
| 7 | | 78 | 3 | 19.0 | 0.12 | 16.7 | 0.27 | 14.8 | | 8.5 | 18.2 |
| 8 | | 82 | 3 | 18.0 | 0.12 | 15.9 | 0.27 | 15.5 | | 9.0 | 19.1 |
| 9 | | 93 | 3 | 15.9 | 0.12 | 14.0 | 0.27 | 17.6 | | 10.2 | 21.7 |
| 10 | | 105 | 3 | 14.1 | 0.12 | 12.4 | 0.27 | 19.9 | | 11.5 | 24.5 |
| 11 | | 118 | 3 | 12.5 | 0.12 | 11.0 | 0.27 | 22.4 | | 12.9 | 27.5 |
| 12 | | 131 | 3 | 11.3 | 0.12 | 9.9 | 0.27 | 24.8 | | 14.3 | 30.6 |
| 13 | | 143 | 3 | 10.3 | 0.12 | 9.1 | 0.27 | 27.1 | | 15.6 | 33.4 |
| 14 | | 167 | 3 | 8.9 | 0.12 | 7.8 | 0.27 | 31.7 | | 18.3 | 39.0 |
| 15 | | 216 | 3 | 6.9 | 0.12 | 6.0 | 0.27 | 40.9 | | 23.6 | 50.4 |
| 16 | | 240 | 3 | 6.2 | 0.12 | 5.4 | 0.27 | 45.5 | | 26.2 | 56.0 |
| 17 | | 306 | 3 | 4.8 | 0.12 | 4.2 | 0.27 | 58.0 | | 33.5 | 71.4 |
| 18 | | 40W | 21 | 3 | 70.5 | 0.15 | 61.9 | 0.32 | | 4.7 | 100 |
| 19 | 39 | | 3 | 37.9 | 0.15 | 33.3 | 0.32 | 8.8 | 5.4 | 11.7 | |
| 20 | 49 | | 3 | 30.2 | 0.15 | 26.5 | 0.32 | 11.1 | 6.8 | 14.6 | |
| 21 | 58 | | 3 | 25.5 | 0.15 | 22.4 | 0.32 | 13.1 | 8.0 | 17.3 | |
| 22 | 62 | | 3 | 23.9 | 0.15 | 21.0 | 0.32 | 14.0 | 8.6 | 18.5 | |
| 23 | 74 | | 3 | 20.0 | 0.15 | 17.6 | 0.32 | 16.7 | 10.2 | 22.1 | |
| 24 | 78 | | 3 | 19.0 | 0.15 | 16.7 | 0.32 | 17.6 | 10.8 | 23.3 | |
| 25 | 82 | | 3 | 18.0 | 0.15 | 15.9 | 0.32 | 18.5 | 11.4 | 24.5 | |
| 26 | 93 | | 3 | 15.9 | 0.15 | 14.0 | 0.32 | 21.0 | 12.9 | 27.8 | |
| 27 | 105 | | 3 | 14.1 | 0.15 | 12.4 | 0.32 | 23.7 | 14.5 | 31.4 | |
| 28 | 118 | | 3 | 12.5 | 0.15 | 11.0 | 0.32 | 26.7 | 16.3 | 35.3 | |
| 29 | 131 | | 3 | 11.3 | 0.15 | 9.9 | 0.32 | 29.6 | 18.1 | 39.2 | |
| 30 | 143 | | 3 | 10.3 | 0.15 | 9.1 | 0.32 | 32.3 | 19.8 | 42.7 | |
| 31 | 167 | | 3 | 8.9 | 0.15 | 7.8 | 0.32 | 37.7 | 23.1 | 49.9 | |
| 32 | 216 | | 3 | 6.9 | 0.15 | 6.0 | 0.32 | 48.8 | 29.9 | 64.6 | |
| 33 | 240 | | 3 | 6.2 | 0.15 | 5.4 | 0.32 | 54.2 | 33.2 | 71.7 | |
| 34 | 306 | 3 | 4.8 | 0.15 | 4.2 | 0.32 | 69.2 | 42.4 | 91.5 | | |

※ NOTE : *** limited permissible torque.