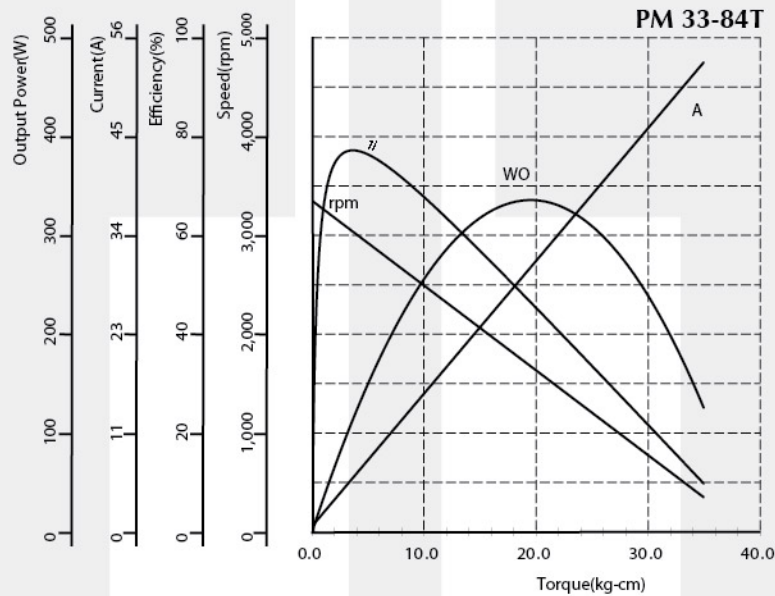




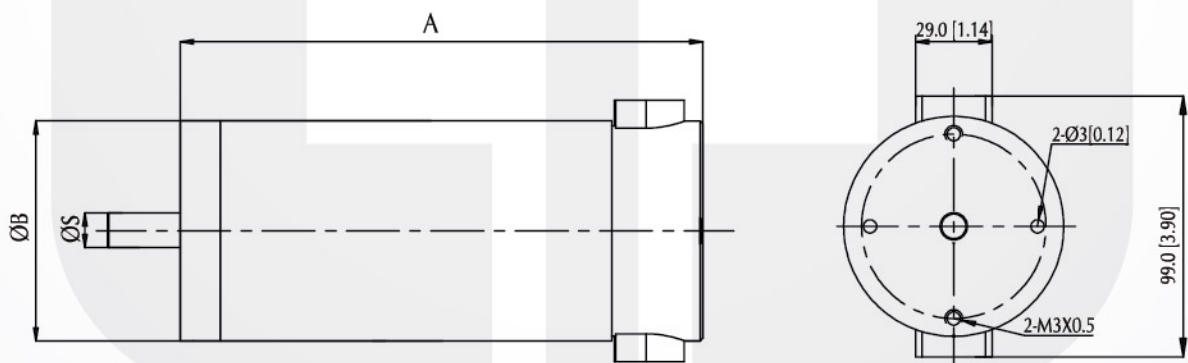
Industrial PMDC Motor - PM33R Series

Voltage : 12 - 230V DC
 Rated Speed : 1,300 - 11,000rpm
 Rated Torque : 2.64 - 5.20kg-cm[2.29 - 4.51lb-in]
 Rated Input Power : 60 - 1,500W
 Insulation Class : A, E, B
 Motor Diameter : Ø83.8mm[3.3inch]
 Typical Application : Rolling Machine, Electric Car, Hydraulic Pump, Polisher, Door Opener, Shopping Cart

Performance Curve



Dimension (mm[inch])



Performance (testing under room temperature)

| Model | Dim A mm[inch] | Dim B mm[inch] | Dim S mm[inch] | Rated Voltage (V DC) | No Load | | At Maximum Efficiency | | | | Maximum Power | | | |
|-----------|----------------|----------------|----------------|----------------------|-------------|-------------|-----------------------|-------------|-----------------------|------------|---------------|-------------|-----------------------|------------|
| | | | | | Speed (rpm) | Current (A) | Speed (rpm) | Current (A) | Torque (kg-cm[lb-in]) | Output (W) | Speed (rpm) | Current (A) | Torque (kg-cm[lb-in]) | Output (W) |
| PM33R-84T | 171.4[6.75] | 83.8[3.3] | 6.0[0.24] | 24 | 3,350 | 0.63 | 3,041 | 6.07 | 3.60 [3.12] | 112.4 | 1,633 | 30.1 | 19.5 [16.90] | 335.7 |
| PM33R-65T | 145.6[5.73] | 83.8[3.3] | 6.0[0.24] | 27.2 | 7,250 | 1.57 | 6,147 | 15.9 | 5.20 [4.51] | 328.3 | 3,415 | 73.26 | 26.3 [22.83] | 922 |
| PM33R-62L | 161[6.34] | 83.8[3.3] | 6.0[0.24] | 180 | 1,583 | 0.04 | 1,424 | 0.28 | 2.64 [2.29] | 38.6 | 809 | 1.07 | 11.0 [9.55] | 91.4 |
| PM33R-A0R | 197[7.76] | 83.8[3.3] | 6.0[0.24] | 230 | 2,702 | 0.06 | 2,510 | 0.54 | 3.95 [3.43] | 101.8 | 1,364 | 3.1 | 24.7 [21.44] | 346 |

The information above is for reference only, detailed specification is subject to final confirmation