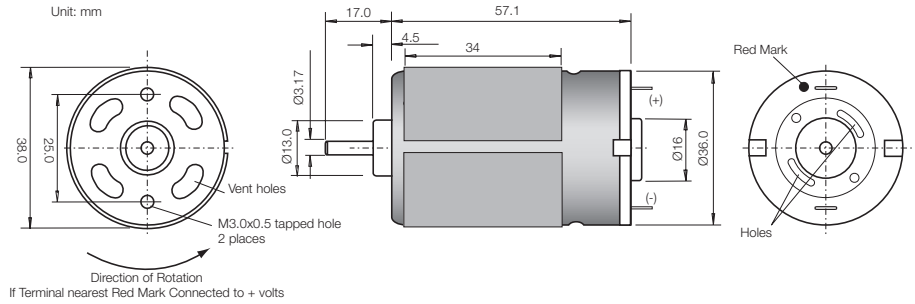


DC Motors

D3857-3790

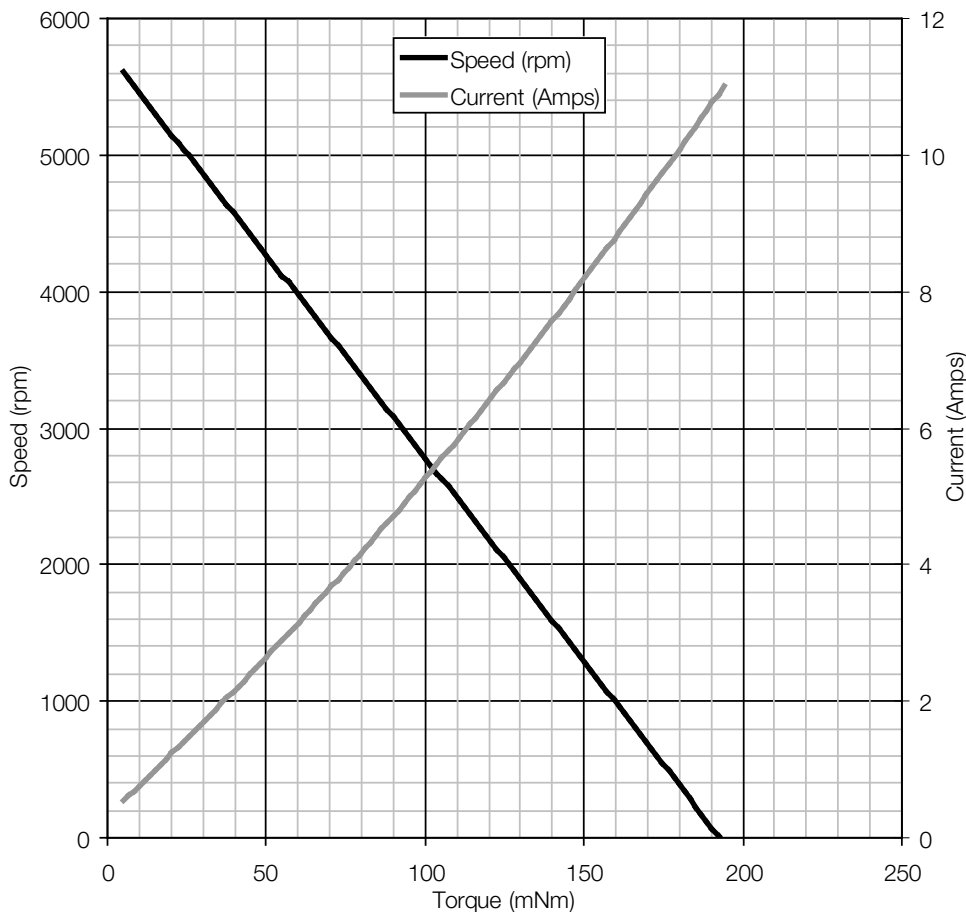
Issue 03



| Model Number | Performance | | | | | | | | | | |
|--------------|-------------|-----------|-----------|--------------------|-----------|------------|----------|--------------|------------|-----------|-------------|
| | Volts V | No Load | | Maximum Efficiency | | | | | Stall | | Max Power W |
| | | Speed rpm | Current A | Speed rpm | Current A | Torque mNm | Output W | Efficiency % | Torque mNm | Current A | |
| D3857-3790 | 12 | 5700 | 0.25 | 4960 | 1.52 | 26.3 | 13.7 | 75% | 193.9 | 10.94 | 29.2 |

Performance characteristics and general specification are measured from sample motor.

Characteristics



General Specification

| | |
|-----------------------|----------------|
| Bearings | Sintered |
| Brushes | Carbon |
| Rotation | Bi-directional |
| Number of poles | 5 |
| Operating voltage | 8 V to 16 V |
| Nominal resistance | 8 Ω |
| Typical detent torque | 10 mNm |
| Suppression | None |
| Weight | 215 g |

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