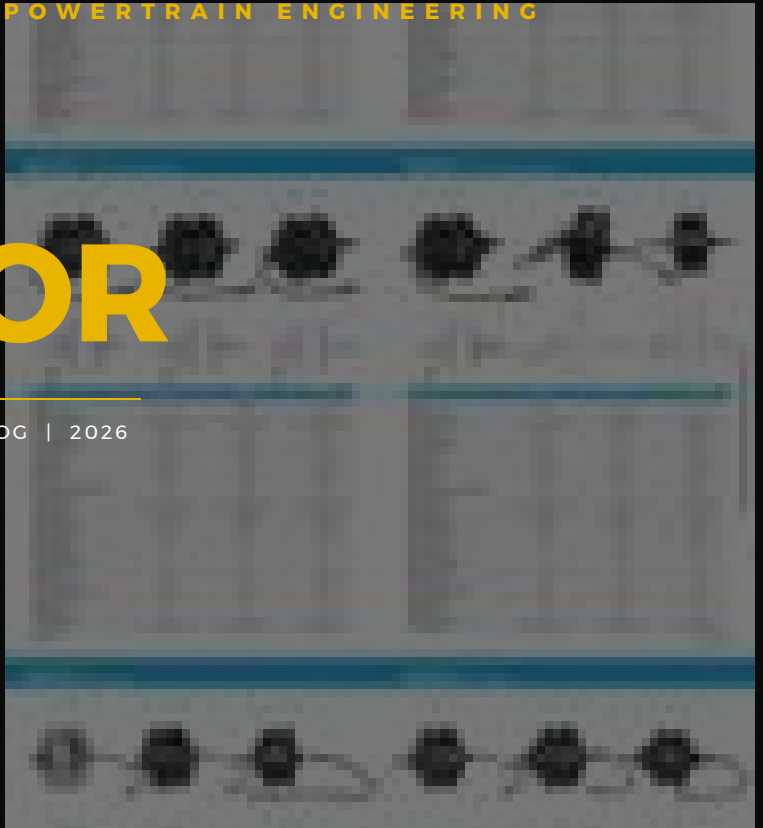


MICRO-MOBILITY POWERTRAIN ENGINEERING

TO7 MOTOR

UNIVERSAL PRODUCT CATALOG | 2026

Hub Motors · Mid-Drive Systems
eMTB · eCargo · eCity · eFat



POWERTRAIN RANGE

250W — 2000W Hub Motors

750W — 1000W Mid-Drive Systems

IP65 Sealed · OEM & ODM Ready

to7motor.com

WHO WE ARE

Engineering the Future of Motion

TO7MOTOR is a specialized powertrain manufacturer focused exclusively on micro-mobility drivetrains. Our engineering team designs and manufactures hub motors and mid-drive systems built for OEM and ODM integration across global e-bike platforms.

From eMTB performance motors to heavy-duty eCargo powertrains, TO7MOTOR products are engineered to exceed global compliance standards while delivering maximum power density and thermal durability in real-world deployment.

20+

MOTOR MODELS

2000W

PEAK OUTPUT

IP65

SEALED RATING

OEM

ODM READY

PRODUCT FAMILIES

Mid-Drive Systems

DM-Series — 250W to 1000W

160 Nm Peak Torque · IP65 · Cadence + Torque Sensor

Hub Motors – eMTB / Performance

B7-Series — 350W to 750W

75 Nm · 100mm–145mm Dropout · 26"/27.5"/29"

Hub Motors – Heavy-Duty / eCargo / eFat

D7 / D79 / S7-Series — 350W to 2000W

110 Nm · Fat Tire · 135mm–190mm Dropout

Hub Motors – Urban / eCity / eTour

K7 / E7-Series — City & Trekking

Quiet Drive · Efficient · Lightweight

DM01 Mid-Drive Motor

Code: **DM01**

Price:

High-performance mid-drive motor delivering 1000W rated power and 160 Nm peak output torque. Dual-sensor architecture (cadence + torque) switchable via display. IP65-rated sealed housing. Spline crankset connection. Reduction ratio 40.27:1. Operating range: -20°C to +50°C.



DM02 Mid-Drive Motor

Code: **DM02**

Price:

Balanced mid-drive motor with 500W output and 90 Nm torque. Dual-sensor system (cadence + torque) with display toggling. IP65 waterproof. Spline chainring connection. Reduction ratio 53:1. Optimized for urban commuting efficiency.



DM03 Mid-Drive Motor

Code: **DM03**

Price:

Compact mid-drive unit from the DM-Series, engineered for lightweight frame integration and versatile urban/trail deployment. Features integrated sensor suite and IP65 sealing.



B7-100QR Hub Motor

Code: **B7-100QR**

Price:

Front hub motor for eMTB and eCargo. Up to 750W / 75 Nm. Max speed: 45 km/h. QR 100mm dropout. Suitable for 26", 27.5", and 29" wheel formats.

B7-138XL Hub Motor

Code: **B7-138XL**

Price:

Rear hub motor for eMTB. Up to 750W / 75 Nm. Max speed: 45 km/h. XL freehub cassette interface. Silent, durable mountain trail powertrain.

B7-138XR Hub Motor

Code: **B7-138XR**

Price:

Rear hub motor for eMTB, XR interface. Up to 750W / 75 Nm. Engineered for high-torque trail and cargo applications with silent efficient operation.

B7-145KL Hub Motor

Code: **B7-145KL**

Price:

Rear hub motor, 145mm KL dropout. Up to 750W / 75 Nm. Versatile eMTB and eCargo deployment at 45 km/h peak.