



PERMANENT MAGNET DC GEARMOTORS



DC gearmotor for mobility application.

Designed for commercial and industrial use, this application engineered product range includes excellent quality coupled with precision manufacture.

The DC motors are designed and manufactured in accordance with international safety standards.

Main features include:

- Output power 50 to 700 watts.
- Operating voltages 12 to 240 V DC.
- Operating speeds up to 9000 RPM.
- Enclosures up to IP55.
- Class F insulation.
- Temperatures range -20° to +60°C.
- Low noise and vibration.
- Brake option available.

DC motors are available as both individual components or fitted with plug in right angle or in line gearbox.

The industrial worm gearbox range is available in universal mounting design with 28mm, 40mm and 50mm centres.

Gearbox features include:

- Aluminium pressure die cast housings.
- Alloy steel wormshafts, case hardening, tempered and profile ground.
- Centricast bronze worm wheel on cast iron hub.
- Gear design to BS721.
- Design life 15,000hours, service factor 1.
- Viton input seals for high speed operation.
- Synthetic long life oil filled.
- Available with helical input stage.
- In built optional torque limiter.

The Helical in line gearbox range feature a one piece rigid cast aluminium housing complete with inner support to accommodate 2 or 3 gear stages. the range offers superior operational reliability and includes:

- 28 ratios in 2 and 3 stages.
- Case hardened gears with ground tooth profile.
- Designed life 15,000 hours, service factor 1.
- Universal mounting.
- Synthetic long life oil filled.
- Epoxy powder paint finish.

Planetary gearbox designs are also available.