



K80

TECHNICAL CHARACTERISTICS

High endurance gearbox for heavy duty continuous workload in any position, at room temperature from -15 to 50°C, with **torque load up to 8 Nm, steady load.**

- **Box.** Made of die-cast Zamak. Frontal mounting by four M5 threaded holes (3 the same as K40 gearbox).
- **Gear set.** Hobbed spur gear set with steel pinions and gear wheels, with case superficial heat anti-friction treatment. The intermediate gears turn on rectified hardened steel shafts, which are fixed to the box.
- **Output shaft.** Ø10 mm steel shaft, 30 mm usable length, with a flat. Incorporates and turns on ball bearings.
- **Output shaft load:**

| | |
|-------------------------------------|----------------|
| Axial direction, pull or push | 500 N ≈ 50 Kg. |
| Radial direction, at 15 mm from box | 400 N ≈ 40 Kg. |
- **Lubrication.** Lithium grade 2 grease.
- **Weight.** With maximal number of stages: 1.41 Kg.

MOTOR COUPLING:

- **Alternating C.:** SYNCHRONOUS ASM 16, 24, 44, 46, 84 and 86 types, at 230 V - 50/60 Hz.

■ OPTIONAL:

- Frontal mounting by six M4 threaded holes (4 the same as K40 gearbox).

Avoid impacts on the output shaft when assembling or disassembling parts on it, this could damage the gearbox.

Your special requests are welcome.

