

22mm Planetary Gear Motor

This 22mm OD planetary gearbox motor provides reliable performance. It has a permissible load range of 0.03N.m~0.3N.m.



Product Overview

High-Precision 22mm Planetary Gear Motor

This 22mm OD planetary gear motor is engineered for high-precision industrial applications requiring robust performance in a compact form factor. It offers a versatile permissible load range from 0.03N.m to 0.3N.m, making it an ideal choice for robotics, automation, and precise motion control systems. Designed for efficiency, it minimizes energy consumption while providing reliable torque and speed outputs across various reduction ratios.

Key Performance Metrics

Performance Highlights

22 mm

Outer Diameter

0.3 N.m

Max Permissible Load

24 VDC

Max Rated Voltage

Motor Technical Data

DC Motor Performance by Model

Model TYPE	Rated Voltage (VDC)	No-load Speed (r/min)	Rated Torque (mN.m)	Output Power (W)	Stall Torque (mN.m)
20ZY32-1280	12	8000	2.2	1.5	200
20ZY32-1295	12	9500	2.3	1.9	240
20ZY32-2480	24	8000	2.3	1.6	110

Gearbox Configurations

Gear Train Stages

- 1 Stage (L=14.4mm)
- 2 Stages (L=17.8mm)
- 3 Stages (L=21.5mm)
- 4 Stages (L=25.2mm)

Available Reduction Ratios

4:1, 4.75:1, 16:1, 19:1, 22:1, 64:1, 76:1, 90:1, 107:1, 256:1, 304:1, 364:1, 429:1, 509:1

Physical Characteristics

Outer Diameter	22 mm
Permissible Load Range	0.03N.m ~ 0.3N.m

Applications

Recommended Applications

Robotics • Automation • Precision Motion Control • Industrial Equipment