CPM-78-39

CPM-78-39 Integrated Cycloidal Joint Module

PUBLIC CATALOGUE REFERENCE - Rev0.1 - 2026-11-18

Diameter	Reduction	Rated output torque	Rated output speed
78.7 mm	**39:1**	**20 Nm**	**48 rpm**

Published technical specifications

Transmission structure	Cycloidal pinwheel	Rated motor power	200 W
Outer diameter	78.7 mm	Rated output speed	48 rpm
Product thickness	35.8 mm	No load output speed	54 rpm
Reduction ratio	39:1	Rated output torque	20 Nm
Backlash	5-10 arcmin	Peak output torque	52 Nm
Operating voltage	36 VDC	Weight	600 g

Configuration and release scope

The standard catalog configuration uses Hall sensors and does not include an integrated driver or absolute encoder.
Standard: Hall sensors only; no integrated driver or absolute encoder claim.

Preliminary catalogue data. Peak torque is not a continuous rating. Controlled 2D mechanical interfaces, connector pinout, electronics/firmware and installation dimensions must be confirmed for the ordered configuration.

Online technical references: CPM-78-39 specifications and CAD status