Mecanum Rollers

High-Precision Omnidirectional Drive Solution

PRODUCT SPECIFICATION

PRODUCT OVERVIEW

Mecanum rollers allow vehicles or robots to move in any direction (omnidirectional movement) without changing orientation. Designed with robust profiles for high load capacities and smooth operation across various industrial applications.

* Note: Material specifications and composition details are provided in a separate documentation sheet.



STANDARD PRODUCT ORDERING & DIMENSIONS

Ordering Code	Roller Length (L)	Max Diameter (D)	Profile Radius (R)	Load Capacity (T)
ML332608.71	332.2 mm	139.2 mm	608.71 mm	2000 kg
ML290515.8	290.0 mm	128.0 mm	515.80 mm	1500 kg
ML249457.9	249.0 mm	104.5 mm	457.90 mm	1000 kg
ML202350	202.0 mm	85.0 mm	350.00 mm	1000 kg
ML200349	200.0 mm	85.0 mm	349.00 mm	800 kg
ML128232	128.0 mm	51.0 mm	232.00 mm	800 kg
ML74225	74.0 mm	31.6 mm	225.00 mm	80 kg
ML68145.7	68.0 mm	29.0 mm	145.70 mm	50 kg
ML38135	38.1 mm	19.12 mm	135.00 mm	30 kg

Dimension Reference Guide: **L** indicates the total length of the roller, **D** represents the maximum outer diameter, **R** defines the contour radius, and **T** specifies the maximum safe load capacity per roller. Custom dimension requests are available upon inquiry.