info@tekno-mp.com - http://www.tekno-mp.com



TO series | TO 451

Differential drive steering systems.
High speed differential drive solution with Ø450mm carved rubber wheels for outdoor use

APPLICATIONS

// Undercarriage

Undercarriage,

// AGV / AGC

AGVs,

// Electric vehicles

Mobility, Airport, Agriculture and horticulture, Air platforms, Hospital, Any other,

AVAILABLE OPTIONS

gearbox

- Max wheel torque in acceleration up to 500 Nm
- Max wheel torque continuously up to 200 Nm
- Max load on the gearbox 1000 kg
- Gear ratio 1/25.5

traction motor

- Type Induction motor
- Nominal torque 8 Nm
- Nominal speed 3000 rpm
- Battery voltage 24 V or 48 V
- Speed sensor up to 2500 ppr

wheel

- Materials Rubber
- 18" x 7" x 8"

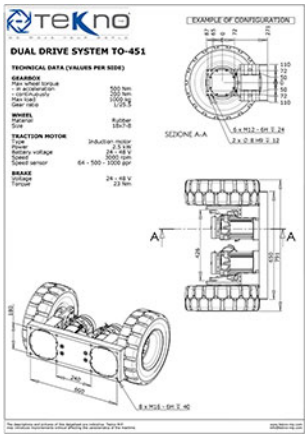
brake

- Torque 23 Nm
- Voltage 24 V or 48 V

Benefits

- Wide performance range
- High load capacity
- Installation space savings
- Easy fixing to the chassis
- High efficiency, low energy consumption
- Reduced backlash, low noise precision gearing
- Fully oil lubricated gearbox
- Wide range of motors
- Selectable gear ratio
- Different brake size also available with release lever
- 100% tested and certified drive system
- ISO9001, ISO14001, ISO18001 certified
- Made in Italy





Tekno MP srl - via Morandi 10, 21040 Caronno Varesino (VA) - ITALY - tel (+39) 0331760511 - fax (+39) 0331760501