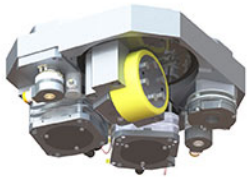
info@tekno-mp.com - http://www.tekno-mp.com



OMNIDRIVE | TO 78

Omni drive system for multi-directional vehicles

For AGV manufacturers, we can also offer a complete package including electronic controllers and navigation system, developed in partnership with industry leading companies.
For more information please contact our customer service: info@tekno-mp.com

APPLICATIONS

// AGV / AGC

AGV flat, AGCs,

// Electric vehicles

Mobility, Any other,

AVAILABLE OPTIONS

drive system to-78

- Max wheel torque in acceleration 120 Nm
- Continuous wheel torque 40 Nm
- Max load on the gearbox 600 kg
- Gear ratio 1/34

wheel sizes

- Ø 140 X 70 mm
- Material polyurethane

traction motor

- Type AC
- Voltage 24V - 48V
- Power 0,5 kW
- Speed 4000 rpm
- Protection class IP54
- Speed sensor up to 1000 ppr

steering motor

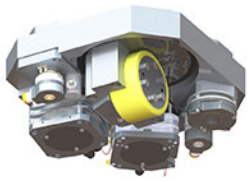
- Type AC
- Voltage 24V - 48V
- Power 0,25 kW
- Speed 2000 rpm
- Protection class IP54
- Speed sensor 64 ppr

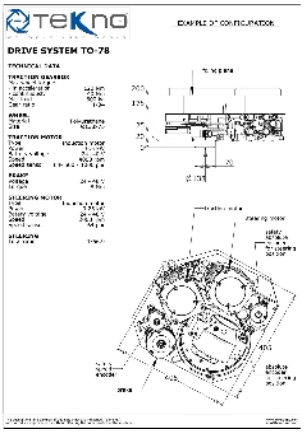
Benefits

- High efficiency both at high and low speed
- Full range of sensors for traction, steering and navigation
- Fixed cables, ideal for 360° continuous rotation
- Very compact, ideal for use in flat vehicles
- Communication with navigation
- Wide range of gear ratios
- Wide range of motors
- Low noise ground gears
- Easy mechanical interface to vehicle chassis
- Low backlash gears
- Fully oil lubricated gearboxes
- High efficiency, about 95%
- 100% tested and certified drive systems
- Possibility of integration to electronics
- Easy maintenance
- ISO9001 and ISO14001 certified production system
- Made in Italy

brake

- Electromagnetic
- Voltage 24V – 48V
- Static brake torque 8 Nm





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