# Motorized Pulley 165E, Ø 6.49 in. (165 mm)

**Motorized Pulley 165E, with machined helical gearbox, performs with a gearbox efficiency of 95% of nominal power, in a compact diameter of 6.49 inches. With a minimum roller length (RL) of 15.75" and powers ranging from 0.15 to 3.0 HP, this Motorized Pulley is suitable for most small diameter applications. These include:**

- **Light agricultural conveyors**
- **Light C & D debris conveyors**
- **Mobile and portable conveyors**

**Motorized Pulley 165E features a standard enclosure class of IP66/67 and is also available in stainless steel for wash down applications.**

## STANDARD SPECIFICATION of Motorized Pulley

- Crowned mild steel 6.49" shell treated with anti-rust wax
- Die cast aluminum bearing housing
- Mild steel shaft treated with anti-rust wax
- Die cast lightweight aluminum gearbox housing
- Sealing system — degree of protection IP66/67 (EN60034-5.) See page 37.
- Compact die cast aluminum terminal box with WAGO connectors
- Voltage: All common voltages available. Please specify.
- Three phase induction motor
- One out of two oil plugs is fitted with a magnet to filter the oil.
- Motor winding insulation class H
- Dynamically balanced rotor
- Oil change recommended every 50,000 operational hours for synthetic oil (or 20,000 operational hours for mineral oil.)
- Maximum RL 70.87"
- Non standard RL lengths available.
- To be used in the horizontal position only.

## STAINLESS STEEL options

**TS7N**

- Stainless steel shell — AISI 304 range
- Stainless steel shafts — AISI 303 range
- Stainless steel covered aluminum bearing housings — AISI 304 range
- Stainless steel oil plugs with magnet — AISI 304 range
- Compact stainless steel terminal box — AISI 304 range
- Alternatively, straight stainless steel connector — AISI 303 range with power cord.
- Regreasable stainless steel seals — AISI 303 range
- Degree of protection IP66/67 (EN60034-5.) See page 37.
- FDA & USDA food grade grease
- Option: FDA & USDA food grade recognized oil.
- Special mounting brackets are available.

**Please note:**

- **Noise-sensitive Areas:** High speed 2-pole motors can cause higher noise levels and are not recommended for noise-sensitive areas
- **Technical Precautions for Design, Installation, and Maintenance:** pages 78-98.
- **Environmental Considerations:** page 76-77.
- **Optional Extras:** pg 13 and back cover
- **Electrical Connection Diagrams:** pages 92-98.