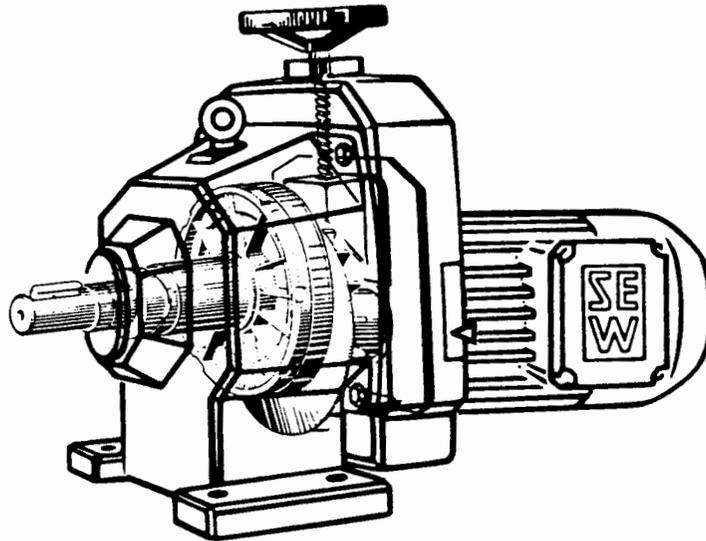


PRODUCT INFORMATION

VARIMOT

Varimot®



The SEW-Eurodrive Varimot® Mechanical Variable Speed Traction Drive, Type "D", is available from 1/3 to 15 horsepower with a maximum speed range of up to 5:1. Standard features include:

- Drive case housing of SAE Class 30 gray cast iron.
- Driving disc of cast iron with chill hardened face.
- Dynamically balanced driving disc.
- Torque transmission achieved with dry traction ring running against the driving disc. A torque compensator automatically matches pressure on the traction ring with the load to minimize wear.
- Continuous duty at its rated capacity.
- Bearings are grease lubricated.
- Motor integral to the traction case adjusting mechanism

SEW
EURODRIVE

Date: 12-88
Replaces: AEN #35

D-002-01

Page 1 of 2

PRODUCT INFORMATION

VARIMOT

- Speed range adjustments can be made without the main drive motor operating.
- Operation at constant speed setting without mechanical lock-up due to fretting or grooving of the adjustment mechanism or driving disc respectively
- Shaft material of SAE 1045 or equivalent.
- Captured keys in output shaft.
- Output shaft available in inch or metric diameters.
- Unrestricted shaft rotation.
- Shaft seals of Nitrile (Buna-N) rubber.
- Stainless steel nameplate.

The Varimot[®] Mechanical Variable Speed Drives are part of the SEW-Eurodrive Modular System and can be combined with SEW-Eurodrive Parallel Shaft Gear Units, Snuggler[®] Gear Units, Right Angle Helical Bevel and Right Angle Helical Worm Gear Units and Brakemotors.

The Varimot[®] may also be supplied with electric remote control, sprocket control, and local or remote speed indicators.

For outdoor or moisture laden environments, the Varimot[®] may be ordered with the Severe Duty option which includes, in addition to the standard features:

- Drain holes at the lowest point of any mounting position.
- All internal surfaces and parts (excluding the driving cone face) coated with Dolph's Spray ER-41 Class F polyurethane red insulator.
- Chromed driving disc face.
- Corrosion resistant paint system.

For Specifications on the motor and its Severe Duty Treatment, refer to M-002-01 and M-002-02.