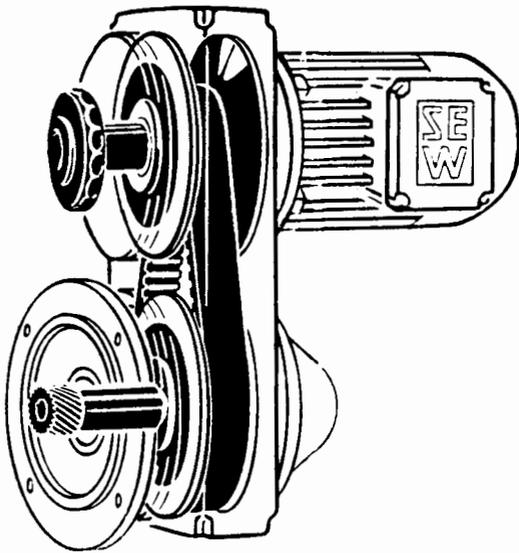


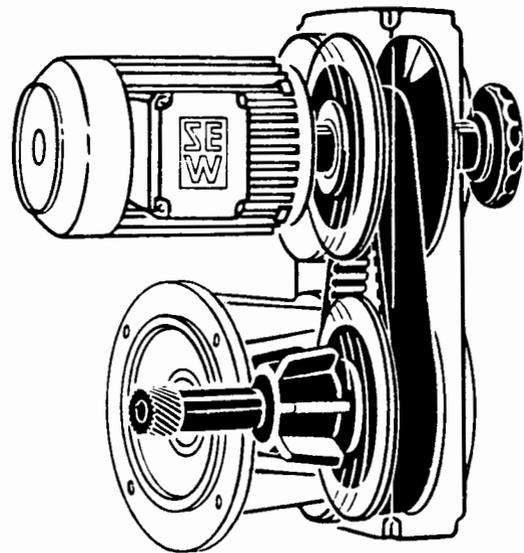
# PRODUCT INFORMATION

**VARIGEAR**

**Varigear®**



Type VZ



Type VU

The SEW-Eurodrive Varigear® Mechanical Variable Speed Belt Drive, Type VU/VZ, is available from 1/2 to 60 horsepower with a maximum speed range of up to 8:1. Standard features include:

- Beltcase of SAE Class 30 gray cast iron except the largest model, VU6 which is of corrosion resistant aluminum alloy Silafont-13.
- Split beltcase design for ease of maintenance.
- Dynamically balanced cast iron sheaves with chill hardened faces.
- Oil resistant, static conducting wide V-belt.
- Capability of continuous duty within its rated capacity.

**SEW**  
**EURODRIVE**

Date: 12-88  
Replaces: AEN #36

**V-001-01**

# PRODUCT INFORMATION

**VARIGEAR**

- All bearings are grease lubricated.
- Zinc-bronze laminated wear rings on the sliding sheave halves with a lubricated polyoxymethylene bearing surface.
- Shafting material of SAE 1045 steel or equivalent.
- Captured keys on input and output shafts.
- Unrestricted shaft rotation; clockwise and counterclockwise.
- Shaft seals of Nitrile (Buna-N) rubber
- Operation at constant speed setting without mechanical lock-up due to fretting or grooving of the adjustment mechanism or pulleys respectfully.
- Stainless steel nameplates.

The Varigear<sup>®</sup> units are available as stand-alone, foot mounted units, or as flanged units. In sizes to 12.5Hp, the Varigear<sup>®</sup> is available in two configurations:

- 1) U-flow with drive motor over the driven shaft.
- 2) Z-flow with drive motor opposite the driven shaft.

The Varigear<sup>®</sup> Mechanical Variable Speed Drives are part of the SEW-Eurodrive Modular System and can be combined with SEW-Eurodrive Parallel Shaft Gear Units, Snuggler<sup>®</sup> Gear Units, Right Angle Helical Bevel and Right Angle Helical Worm Gear Units, Motors and Brakemotors.

The Varigear may be supplied with right angle control handwheel, electric remote control, sprocket control, local and remote speed indicators, input shaft, adapters for mounting NEMA C-Face motors, brakes on the driven shaft, and explosion-proof motors.

# PRODUCT INFORMATION

**VARIGEAR**

For outdoor or moisture laden environments, the Varigear<sup>®</sup> 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 coated with Dolphs Spray ER-44 Class F polyurethane Red Insulator.
- Nitrided pulley faces to reduce corrosion.
- Finished with one coat of corrosion resistant primer and one coat of polyurethane paint.

The Severe Duty option is available only on units with a right angle control head.