



## ELEVATOR GEAR UNIT



This machine has been specially designed for ELEVATORS / LIFTS where smooth and jerk free operations are desired with very low noise level and therefore, comfortable ride is ensured.

*Wiperdrive* Elevator Gear unit has been developed for carrying 6 to 18 persons.

**Applications: Used in elevators.**

### **TECHNICAL FEATURES:**

- Very compact mono block casing made out of case hardened alloy steel.
- Sleek design with low weight.
- Thread ground high speed shaft made out of case hardened alloy shell
- Slow speed pulley shaft made out of high tensile steel to take care of bending and torque transmission.
- Centrifugally cast phosphor bronze wheel of special grade manufactured with dedicated tooling to obtain center contact.
- Fail safe type electro-magnetic shoe break
- Low vibrations due to provision of inline motor mounting provide symmetrical shape.
- Drive pulley construction in two piece i.e. removable sheave bolted with center hub.
- Thrust bearing on high speed shaft to take thrust load in both directions.
- Ease of assembly and dismantling
- Adaptable flange to suit motor mounting
- Rigid construction due to bearing block support.
- Anti wear bronze bushing.

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