



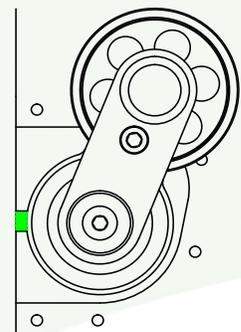
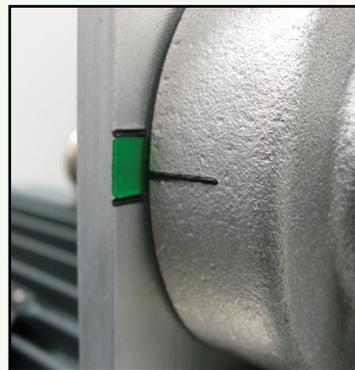
# BLOWER BENEFITS



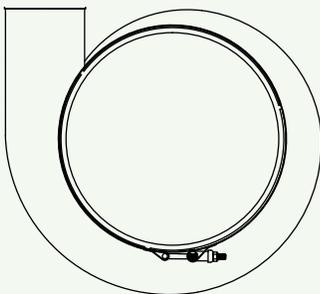
- Bearing Bridge™ drive system provides industrial durability and extended life (see back for details)
- Achieves higher output at lower operating speeds
- High efficiency system uses less horsepower and SAVES ENERGY
- Molded ABS belt guard with sound dampening
- Integrated filter housing with internal silencer and safety screen
- Oversized filter provides longer service life
- Premium efficiency EISA compliant motors
- Dual eyelet system for balanced lifting and positioning



-Foot mounts provide vibration dampening and secure, accessible, mounting holes



- Visual green indicator for proper belt tension
- Smooth tensioner allows easy belt removal
- Internal custom torsion spring mechanism



-Single fastener provides easy and variable outlet position



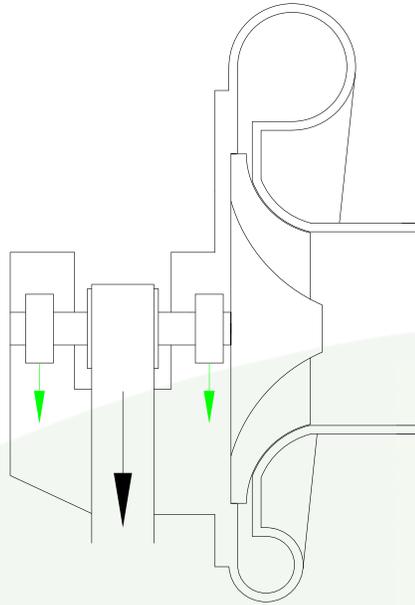
# The Bearing Bridge™

The Bearing Bridge is a structural “bridge” that provides the industrial durability and stability commonly found in other industrial drives that utilize “pillow blocks” to properly distribute bearing load.

By properly spreading the load there is dramatically reduced heat generation, so the belts, bearings, bearing grease, and all components have tremendously improved service life.

Like the “pillow block” system proven on thousands of industrial drives, the Bearing Bridge uses two separate bearing cases located on either side of the drive pulley to evenly spread the load, and the entire drive system is located outside of the hot air stream.

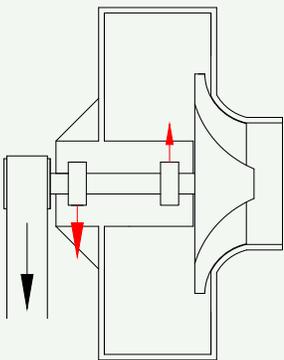
This true industrial drive provides 10 to 15 times the L10 bearing life of those inferior drive systems that are subject to chronic failure.



The Bearing Bridge



## “other brands”



Other brands use a 20-30 year old bearing system adapted from automotive blowers. They were never properly designed for 24/7 industrial use. This cantilever design puts tremendous overhung load on the outer (belt side) bearings. This generates excessive heat and leads to constant belt and bearing failures. These older designs also place the bearings inside the hot air collection chamber. This amplifies the heat and causes premature grease breakdown and bearing failure.

The tensioning system on competitive models also rapidly fails from this same cantilever design flaw. Maxum has recognized this problem and incorporated the Bearing Bridge system in both the primary blower drive, as well as our belt tensioning system.