

MOTO DRIVE



RIGHT ANGLE



PARALLEL



REEVES MOTO DRIVE

REEVES MOTO DRIVE units are ideally suited for demanding applications where simplicity of maintenance and reliability are required. Typical applications include pumps, agitators, mixers, screw conveyors, feeders, presses, extruders, rotary kilns, pelletizers, wood chippers, rolls, and a wide variety of bulk material handling conveyors.

REEVES MOTO DRIVE units are offered with Parallel Shaft Reducers, Right Angle Reducers or a Non-reducer drive. Select the option that best suits your application.

REEVES E-Z KLEEN® MOTO DRIVE

REEVES E-Z KLEEN MOTO DRIVE units withstand corrosive chemicals, severe environments, and frequent washdowns. All external parts are cast iron and coated with USDA approved white epoxy paint. E-Z KLEEN MOTO DRIVE units are equipped with easy clean motors suitable for normal washdown by steam detergents and sanitizers. All disc faces are chrome-plated for corrosion resistance and longer belt life. Offers optimum performance in food and chemical processing, and wastewater treatment facilities. "Recommended for units that will be subjected to long term storage, high humidity conditions or extended periods of disuse."

REEVES Remote Controls

The Electric Remote Control (ERC) offers an easy way to vary a MOTO DRIVE unit output speed from a remote location. A drivemounted shifting motor is controlled by a push button station (supplied).

For closed loop electronic speed control, select the REEVES Automatic Control (RAC), an extremely versatile device that combines precise electronic speed control with reliable mechanical simplicity. The MOTO DRIVE unit output speed is varied in response to either a local speed control pot or a remote process control signal. Also available as a retrofit. For hazardous locations, the REEVES AIRTROL® control is a pneumatic speed control device that follows a 3-15 psi signal.

MOTO DRIVE

- Exceptional torque and shock load capability
- 0.25 - 50 HP
- Up to 10:1 speed range
- Wide choice of options and modifications
- Readily available units include washdown, explosion-proof and other popular industry standards

MACHINED-ALL-OVER DISCS

The upgraded REEVES MOTO DRIVE line incorporates machined-all-over ductile iron discs in case sizes 050 to 200. Ductile iron is more durable than cast iron, with a tensile strength of more than double cast iron. And ductile iron has a higher surface hardness than steel, which means more resistance to grooving of the disc face.

SCREW SHIFTER

The improved MOTO DRIVE unit, in sizes 100 and 200, features a screw type shifter with a round handwheel for more positive control.

NO-LUBE BUSHING

The no-lube bushing and key design has been improved on the constant disc assembly, in case sizes 050 through 200, to allow the torque to be transmitted directly through the nylatron key. The result is improved shock handling capacity and less wear.

NEMA C-FACE MOTOR

The improved REEVES MOTO DRIVE line incorporates a REEVES NEMA standard C-face construction motor. If you need to change motors for any reason, you can replace it on the spot with an off-the-shelf C-face motor. Note, however, that if you use a motor other than REEVES, you may not get the full horsepower rating of the drive. That's because REEVES C-face motors have been service factored, in some cases, to make sure you get the full rated horsepower at the output shaft.

