

# APPLICATION BULLETIN

## WPT 114 LOW INERTIA SHEAVE CLUTCH ASSEMBLY PACKAGE



INDUSTRY: METAL PROCESSING

APPLICATION: Steel casting take-up stand.

**BACKGROUND:** This customer produces bearing steel through a continuous casting process. The two casting lines incorporate a take-up stand at the end of each line. Over the years, the line speeds have increased and the original OEM designed in clutch was failing prematurely due to the increased heat build-up. BrakeTechnique®, Inc., working in conjunction with the maintenance department, proposed our BOM no. 1061 to replace the existing clutch. Our clean sheet design provided the customer with the additional torque and thermal capacity to handle the current requirements. The only modification required by the customer was to make a longer gear-box shaft, per BrakeTechnique®, Inc.'s drawing, for mounting of the new clutch. This complete package is a direct drop-in replacement for their existing application, without having to move any of the existing stand components

**ADVANTAGES:** The BOM no. 1061 direct drop-in replacement offers less down-time due to maintenance and / or repair, thus resulting in lower operating costs. Spare parts are also readily available for this package, further decreasing the down-time should maintenance ever be required.

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