

Cutting Fan and Blower Downtime



Left and below: This fan application uses Cooper 02 BCP 600 EX (Expansion) bearing on a boiler ID Fan and the image below, shows the GR (Fixed) version.

Bottom left: 02 Series EX (Expansion and GR (Fixed) bearings installed on a Scrubber Fan.

In Cooper nomenclature the 600 identifies the bearing size. The last two digits represent 16ths of an inch and this application uses an 02 Series 6" Bearing, Cartridge and Pedestal.

This customer has been a Cooper user for many years and has Cooper BCP's installed on 1200RPM Scrubber Fans.

02 Series BCP 600 (6" Bearing, Cartridge and Pedestal), EX (Expansion) and GR (Fixed) split roller bearings are installed on the main drive shaft. Smaller sizes of Cooper BCP's are also used .

The main picture shows a larger 6" bearing running at 1800 RPM on a boiler ID fan, the Cooper split roller bearing have provided optimum performance and replaced sleeve oil bearings

One of the main benefits of using a Cooper split to the shaft roller bearing is the totally split to the shaft feature permits easy access for installation and inspection without removal of adjacent equipment. or a complete plant stripdown.

In addition, the Cooper hallmark split to the the shaft feature provides sealing that always remains concentric to the shaft which keeps out foreign matter and retains the lubrication.

Inspection and maintenance is carried out in the shortest possible time giving more uptime and less maintenance which contributes to higher efficiencies and profitability.

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