



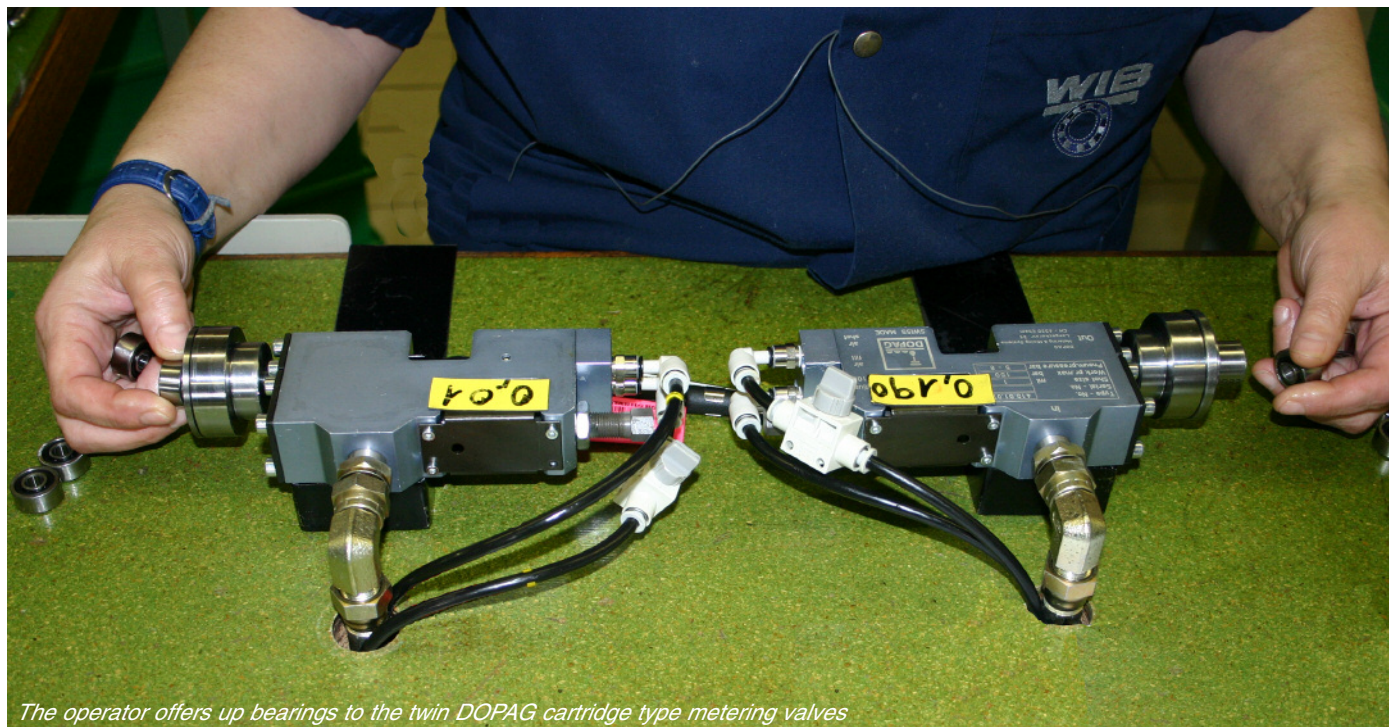
Bearing productivity in mind

Swiss bearing manufacturer increases productivity by 30% with DOPAG grease metering system



RotoPRECISION Inc.

SWISS  MADE



The operator offers up bearings to the twin DOPAG cartridge type metering valves

Founded in 1961, WIB is a speciality miniature precision bearing manufacturer located in Bulle, Switzerland with an industrial customer base of original equipment manufacturers and distributors in more than 30 countries of the world, to whom they export around 95% of production output.

WIB manufacturers products under it's own "Swiss Made" brand, as well as for many other major bearing manufacturers around the world.

Following the assembly process, each bearing must be individually lubricated with a metered shot of grease. This is a labour intensive procedure, as each bearing must be offered manually to the metering device.

Previously, WIB were using a 1 kg size shot pump, which frequently needed to be manually refilled, causing delays in production and increased the opportunity for spillages. Furthermore, the grease application device was hand operated, which often led to repetitive strain for the operator.

DOPAG Switzerland's answer to this unsatisfactory condition was to design a replacement system that featured a DOPAG P30 drum pump, to feed the grease directly from the 25 kg shipping pails, thereby entirely avoiding the process of decanting the grease into a separate pump.

The P30 pump is able to develop sufficient power to feed the grease under pressure to two separate DOPAG cartridge type metering valves, which allows the operator to process two bearings simultaneously if desired.

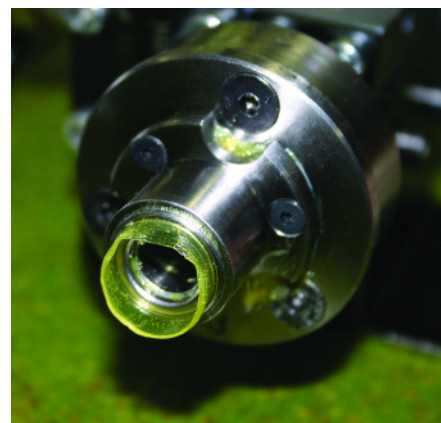
Foot operated pedals control the metering valves, leaving the operator's hands completely free to locate the bearings into the purpose designed applicators.

An added feature of this new system is the ability to quickly and simply replace the applicators to fit a variety of different bearing sizes whenever needed.

Remarkably, WIB have reported a 30% increase in productivity as a result of purchasing the new system, as well as a marked improvement in cleanliness due to the use of the P30 pump, whilst at the same time, the operators have found it to be far more user friendly, further adding to the increased productivity.



DOPAG P30 drum pump



An end view of an applicator, clearly showing a metered shot of grease that would normally be injected into a bearing