

Main bearing assembly upgrade



For further information on axial fan retrofit solutions please visit www.howden.com or contact your local Howden company.

An up-to-date main bearing assembly will allow for easier service, lubrication control, longer bearing lifetime and higher temperatures.

The evolution of axial fan main bearings has come a long way since the original design in the early 1950's.

Through years of research, development and field experience Howden has improved the principle of our roller main bearing assembly leading to both technical and economical benefits.

Today our standard for all Howden Axial fans is to provide them with either sump or forced oil lubrication.

Upgrading the fan will reduce the risk of bearing failure and an oil lubricated main bearing assembly will allow higher bearing and ambient temperatures as well as enhance the main bearing sealing design.

Further to that it is possible to give the fan a more effective lubrication and extend the service intervals providing life extension and hence longer service life.

In connection with upgrade to a new lubrication system the bearing house (upgraded or new) will as a standard solution be provided with frictionless seals in both ends of the bearing house to avoid leakage and secure a minimum of wear on the sealing parts.



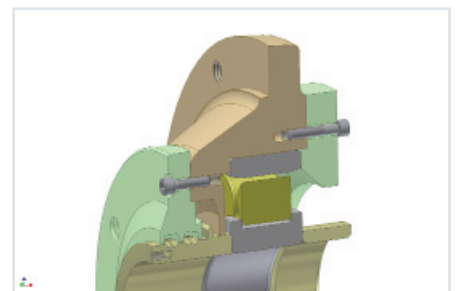
Main bearing assembly



Shaft for main bearing assembly



Installed main bearing assembly



Detail, oil lubricated main bearing assembly. Please note the upgrade with frictionless seal