

# Doctor Bearings Provide Constant Linear Motion in Paper Mill Since 1992!

16 years and counting, what seemed like an impossible promise back in the early '90's has evolved into the new standard for doctor blade bearings. PBC Linear's doctor bearings are not a new product; however they show PBC Linear for what it is, providing long-lasting innovative solutions to the toughest linear motion applications. PBC Linear's doctor blade bearings have been running for over a decade in paper mills all over the country.

Paper mills typically present a difficult environment for reliable linear motion. Corrosion, steam, water, dust, and vibration all play a part in interfering with the process and cause failure with rolling element doctor bearings. Traditionally used doctor ball bearings experience fretting corrosion due to the intense vibration caused by the large paper dryers in the mill—also causing unplanned downtime. PBC Linear's doctor ball bearings have no moving parts, thus fully preventing catastrophic failure. Their patented and time-tested Frelon liner dramatically reduces shock vibration and can withstand caustic chemicals, high loads, and intense heat. With no moving parts to seize up, and their protective liner, PBC Linear's doctor bearings are perfectly suited for long lasting life in the paper mill environment.

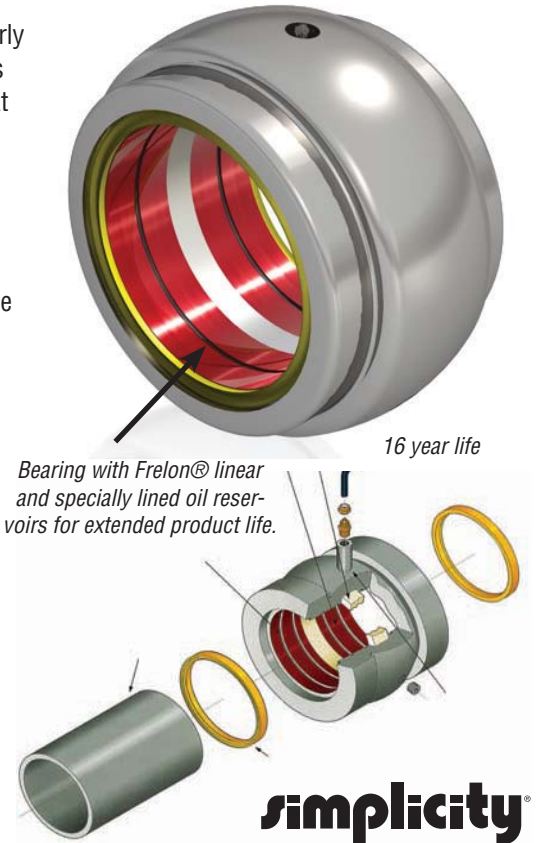


Applicable in both dry and wet end applications, PBC Linear's doctor bearings require minimal maintenance. Dry-end applications are provided with an air over oil lubricator and urethane double lip seals to keep the oil within the bearing.

This allows for constant lubrication and improved product life. In wet-end applications, PBC Linear's doctor bearings require no additional lubrication. The doctor bearings are composed of 316 stainless steel housing for enhanced chemical resistance for a prolonged life cycle that can last for over a decade!

PBC Linear doctor bearings eliminate unplanned downtime, paper web breaks, and increased profits. Paper plants around the country that have implemented PBC Linear's doctor bearings only need for maintenance or replacement is to send the original doctor bearings back to PBC Linear for refurbishment every ten years.

"We have found that rather than purchasing new doctor bearings that customers are so happy with the original ones we provided that they would rather we simply repair the doctor bearings they have already been using," says Regional Sales Manager, Ray Stojonic.



PBC Linear Doctor Bearing after 16 years of performance.