

# Water Treatment Bearings

The Cooper Bearings Group is a full service provider of sales and technical engineering support to our customers around the world. No other split roller bearing manufacturer matches the Cooper breadth of knowledge and experience.

Significant investment has transformed Cooper into a responsive, customer focused organization offering stock availability for standard product and competitive leads time for special bearings.

We support our customers with rapid technical and commercial information directly from our offices and our web site at [CooperBearings.com](http://CooperBearings.com).

To ensure Cooper continues to lead our industry, we have created a new product and business development process. This ensures we will continue to offer products and services that provide demonstrable competitive advantage.

Typical problems encountered in the water industry include inadequate sealing of sleeve bearings that allows a build up of sediment and solids between the shaft and bearing. This results in worn shafts and lubrication leakages culminating in stoppages and downtime.

Cooper has extensive experience in the water treatment industry and recognize that water treatment operations around the world depend heavily on continuous operations and minimum maintenance times. Operational downtime and lost production is kept to a minimum with Cooper split to the shaft roller bearings.

To meet the varied application requirements this industry requires, we offer the 01 Series bearing for medium duty , the 02 Series for heavy duty and the 03 Series for extra heavy duty from our standard range of bearings.

Our mounting option range includes tension retaining take-up mountings, both push and pull type, hangers for use on scroll conveyors, flange mountings and pillow blocks for all three of our standard Series bearings.

Installation is very easy as there is no need to remove ancillary equipment. In most instances except for the very largest bearings, there is no need to use expensive lifting equipment.

Cooper also offer a comprehensive selection of seals that will retain lubrication and keep out damaging water, even up to 30 feet deep.

Our local sales manager will offer free professional advice backed by solid technical support and product availability from our distribution partners around the world.

For a complete list of our distribution partners, please visit us at [CooperBearings.com](http://CooperBearings.com). Contact Cooper or authorized distributors for more information.



## Features & Benefits

### Split to the Shaft Bearing

- Operates submerged
- Low cost of installation.
- Ease of replacement.
- Reduces downtime.
- Increases maintenance efficiency.

### Comprehensive Range of Mountings

- Meets most application requirements from the standard range.
- Pillow blocks available in steel, grey iron and ductile iron including: flanges, rod end bearings, take-up bearings and custom bearings.

### Superior Concentric to the Shaft Sealing

- Permits submerged operation
- Reduces contamination.
- Retains lubrication.
- Prolongs bearing life.
- Proven range of sealing options .

### Full Service Manufacturer

- Proven range of products.
- Vast engineering knowledge.
- Problem solving solutions a specialty.
- Technical and installation support service.

### Established Organisation

- Global distribution network.
- Local support provided by Cooper and distribution partners.

## Water Treatment Bearings

### ...IN THESE APPLICATIONS...

CONTINUALLY SUBMERGED LOCATIONS



ROTAING SCREENS

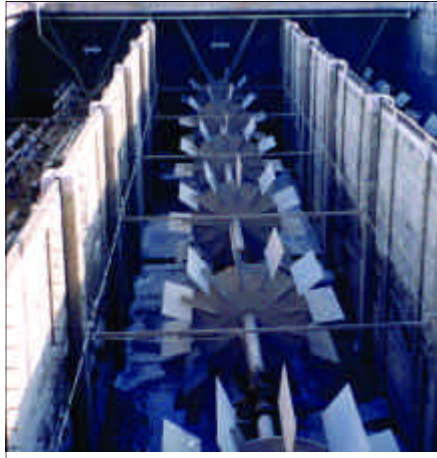


FILTER BEDS



### ...IN TRAPPED LOCATIONS...

FLOCULATOR BASINS



TRAPPED LOCATIONS

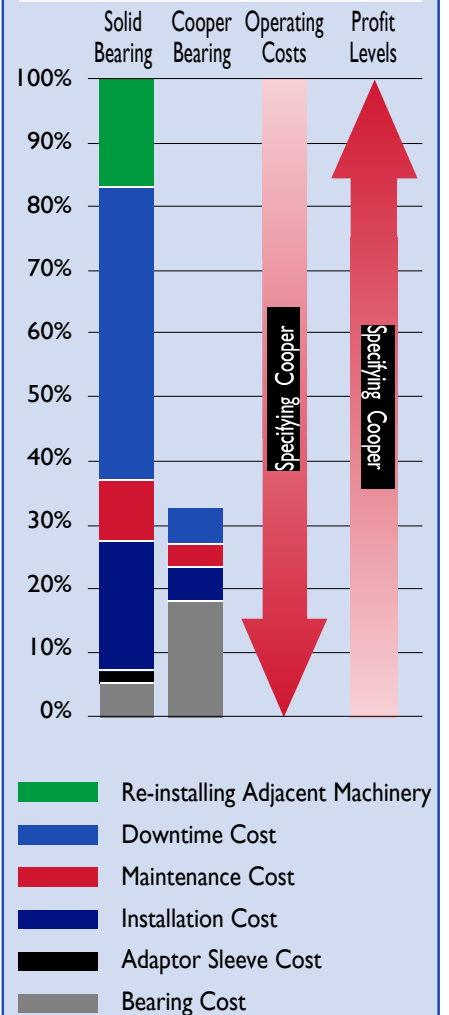


CONVEYORS AND ELEVATORS



### ...WITH PROVEN SAVINGS.

#### Demonstrable Cost Savings



#### A HIGH RETURN ON INVESTMENT

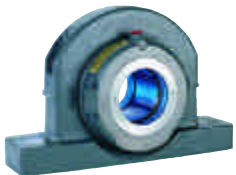
Cooper offers a considerable year on year return on investment. To establish your ROI in the first year as a percentage, divide the savings made by the cost of the bearing.

See our Value Proposition for details.

# Water Treatment Bearings

## BEARING MOUNTING OPTIONS

### PILLOW BLOCKS HANGER MOUNTINGS



**Pillow Block Unit**  
1 3/16" / 30mm to 24" / 600mm  
Available in cast iron  
ductile iron or steel

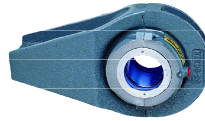


**Hanger Unit**  
1 3/16" / 30mm to 5 1/2" / 140mm  
Available in cast iron

### TAKE UP AND ROD END MOUNTINGS



**Take Up Tension**  
1 3/16" / 30mm to 6" / 155mm  
Available in cast iron  
Also offered as  
push type

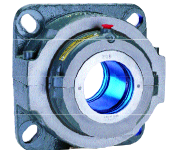


**Rod End Shoe**  
1 3/16" / 30mm to 6" / 155mm  
Available in cast iron  
Also offered as  
tee type

### FLANGE MOUNTINGS



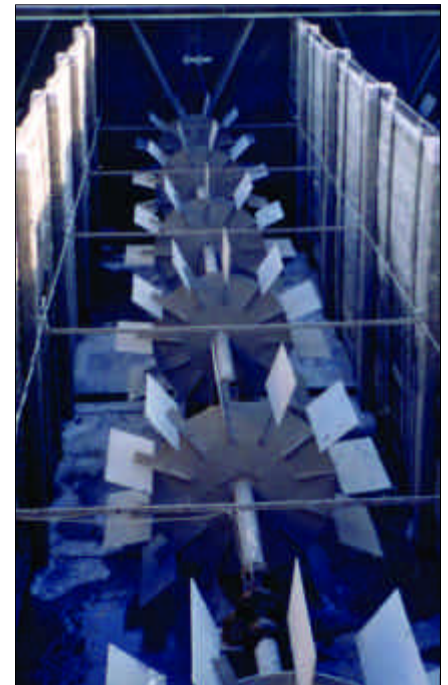
**Round Flange Units**  
1 3/16" / 30mm to 12" / 300mm  
Available in cast iron  
or steel



**Square Flange Units**  
1 1/16" / 50mm to 3" / 75mm  
Available in cast iron,  
ductile iron or steel



Inspection and preventative maintenance costs are kept to the minimum regardless of the application or bearing size. Cooper bearings are completely accessible at all times for cost effective maintenance and maximum safety compliance on any type of application.



## Customer Service Centers

### USA and Mexico

The Cooper Split Roller Bearing Corp.  
5365 Robin Hood Road, Suite B  
Norfolk, VA 23513  
USA  
Telephone 757 460 0925  
Fax 757 464 3067

### Canada

Cooper-Grainger Canada Inc  
5875 Coopers Avenue  
Mississauga  
Ontario L4Z 1R9  
Canada  
Telephone 905 890 2266  
Fax 905 890 2269

### UK, Africa, Asia, Australasia and the Middle East

Cooper Roller Bearings Co Ltd  
Wisbech Road  
King's Lynn  
Norfolk PE30 5JX  
England.  
Telephone +44 (0) 1553 763 447  
Fax +44 (0) 1553 761 113

### Europe and South America

Cooper Geteilte Rollenlager GmbH  
Postfach 100 423  
Oberbenrader Str 407  
47704 Krefeld  
Germany.  
Telephone + (49) 2151 713 016  
Fax +(49) 2151 713 010