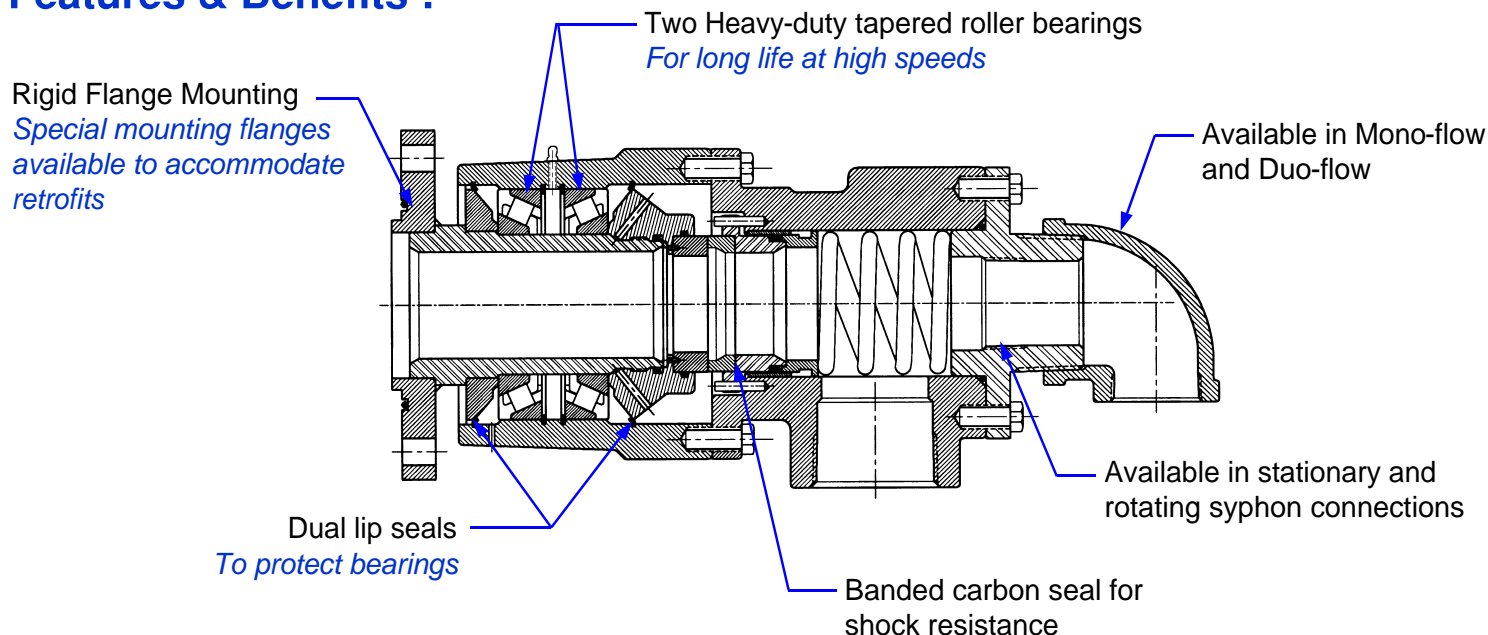




BARCO SERIES **EC**

# Water Rotary Union

## Features & Benefits :



Sizes available : 2", 2½", 3" and 4"



### Operating Parameters :

Max. Pressure -	
150 psi	10,3 BAR
Max. Temperature -	
300°F	+149°C
Max. Speed -	
750 RPM	750 Min

The Barco EC Rotary Union withstands the increasing demands of calender operations, ie., increasing speeds, web breaks, high shock loads and vibration.

## Additional Benefits :

- Two heavy-duty tapered roller bearings provide rigid support and long life at high speeds.
- Dual lip seals protect bearings from any potential internal or external grease washout.
- Steel banded Carbon Graphite seal for resistance to heavy shock loads with mating hardened stainless steel seat as standard.
- Heavy-duty stainless steel spring provides continuous seal contact under heavy vibration conditions.

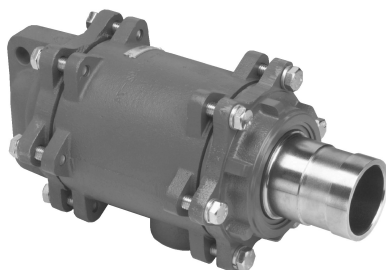
## Applications :

Designed to withstand the increasing demands on:

- Calender operations, Paper Machine Press Rolls & Coating Lines.



*Engineered for Exceptional Performance*



Antimony seals and bearings in the GRX provide longer life, especially on higher speed machines.

Sleeves are dual-driven by two keys to give greater resistance to side load and eccentric motion.

External seal wear indicator for preventive maintenance.

All wear surfaces are treated for improved corrosion resistance.

Seals under compression design can better handle pressure surges and promotes longer life.

Directly interchangeable with competitive designs.

## **BARCO Series GRX** Steam Joint for Rotary Syphons



Antimony seals and bearings are standard.

Two widely spaced bearings for stability, greater syphon support and longer wear.

External seal wear indicator for preventive maintenance.

All wear surfaces are treated for improved corrosion resistance.

Seal under compression design can better handle pressure surges and promotes longer life.

Directly interchangeable with competitive designs.

## **BARCO Super G** Steam Joint for Stationary Syphons



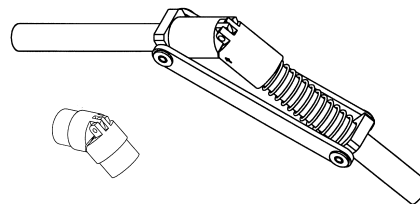
Stainless steel heavy-duty long radius elbow minimizes pressure drops and resists erosion.

Hardened stainless steel pads accurately positions the pickup shoe for efficient condensation removal.

Heavy-duty stainless steel spring prevents the syphon from moving inside the dryer.

Full-flow designs for maximum condensation removal.

**Rotary Syphon**  
for condensate removal



The Barco hinged syphon elbows permit easy installation for stationary syphon piping assemblies. The heavy-duty construction offers long-term, trouble-free service.

**Hinged Syphon Elbows**  
Now available with support bracket

Barco USA

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