

Narrow Peak Cap Split Bearing Assembly for Chain & Scraper System

In today's demanding water and wastewater treatment environment, Evoqua Water Technologies is focused more than ever on engineering equipment and components to improve performance and minimize downtime.

As the original equipment manufacturer (OEM) for Chain & Scraper systems, we understand existing designs and original components. Evoqua engineers continue to innovate new products and processes to improve equipment reliability, reduce maintenance and extend equipment life.

WALL BEARING DESIGNS

The Envirex® Split Housing Wall Bearing is designed to replace existing cast iron "solid pancake style" wall bearings providing easier assembly and disassembly with either a solid or split polyurethane bearing hub ball.



Envirex® Cast Iron solid pancake design



Envirex® Narrow Peak Cap Bearing



Slotted mounting holes to accommodate typical 10.5" and 11.5" bolt center

The Envirex® Narrow Peak Cap Split Bearing includes a 316 stainless steel bearing housing with slotted mounting holes to accommodate existing anchor bolt locations.

SPLIT PEAK CAP SPECIFICATION

| Hub Ball | Housing |
|---|--|
| High-strength polyurethane material | Cast 316 stainless steel |
| Water or optional grease lubricated | Split two-piece housing |
| Easily replaceable | 2-anchor at 10.5 and 11.5 inch bolt center |
| Shaft diameters with capacity of 1 15/16 in-4 1/2 in (50 mm-115 mm) | Polyurethane friction self-locking washers |
| Optional split polyurethane hub ball includes four nylon alignment pins | ANS/NSF 61 Drinking Water system certified |



FEATURES

- Self-aligning housing adapts to irregular concrete wall mounts, allowing for reduced wear associated with shaft misalignment
- Optional split polyurethane hub ball can be replaced by simply raising the shaft only two inches
- Polyurethane bearing assembly safer and easier to replace without realignment of housing or shafting
- 4-bolt type 316 stainless steel removable peak cap
- ANSI/NSF-61 Drinking Water system certified

Extend the Useful Life of your Wastewater Treatment Assets

Components and systems age at varying rates with some parts remaining useful while others are in imminent danger of failing. Often, the failure of vulnerable components can trigger larger failures and result in damages and/or compliance issues.



Installation and aftermarket services are available to plant operators and managers to help protect equipment and the investment in utility assets.

EVOQUA CAN HELP

- **Inspect**—Quantitative and qualitative assessment of the condition of components and systems with recommendations from OEM experts
- **Restore**—Rehabilitation of your system to improve operational efficiency and extend life
- **Install**—A single source of responsibility for supply and installation
- **Update**—Component and systems that improve capacity and performance in existing tanks with little or no structural modification

Evoqua's dedicated team of technical experts can help save your plant time and costs with maintenance training, system evaluations, rehabilitation's and retrofit services available.

We will ensure efficient and reliable operation of your equipment and systems to maximize process uptime and equipment life. Our extensive inventory of parts and can provide service for primary and secondary clarifiers, clarifier drives, chain and scraper systems, diffused aeration, high-speed aerators, and sludge digestion equipment. Evoqua is the original equipment manufacturer (OEM) of Envirex®, FMC, Aqua-Lator®, Link-Belt®, Passavant Mammoth Rotors™, PFT® and many other brands.



N19W23993 Ridgeview Parkway West, Suite 200, Waukesha, WI 53188

+1 (866) 926-8420 (toll-free) +1 (978) 614-7233 (toll) evoqua.com

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