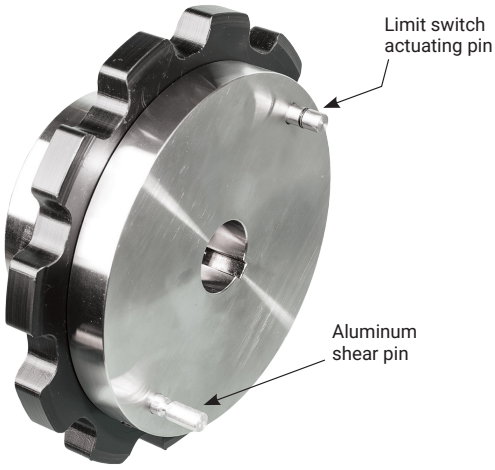
Stainless steel shear pin hub and driver sprocket assembly

Envirex® stainless steel shear pin hub with polymeric driver sprocket provides trouble-free and reliable overtorque protection.



Shear pin hub features

- **Torque overload protection** – Aluminum shear pin sized for the application provides reliable torque overload protection for the drive unit.
- **Actuating pin** – Type 316 stainless steel limit switch actuating pin is easily reset after experiencing a torque overload condition.
- **Maintenance free** – Type 316 stainless steel construction provides long-lasting, corrosion-free operation.

Shear pin limit switch

- Limit switch for alarm indication and motor shut-down when shear pin breaks.
- Combination NEMA 4X/7 (IP 67) shear pin limit switch insures meeting Class 1, Group D, Div. 1 or 2 location requirements whether required or not.
- Optional control panels available for alarm and motor shut-off.

Polymeric sprocket plate

- High strength polyurethane or cast nylon sprocket plate
- Easy to replace
- N78-11 teeth or N82-10 teeth





Extend the life of your wastewater treatment equipment

Components and systems age at varying rates with some parts remaining useful while others may be at risk of imminent failure—potentially triggering larger system breakdowns and costly compliance issues.

Partner with Xylem's dedicated team of technical experts to proactively maintain and optimize your plant's performance. Our experienced experts can help you reduce downtime, extend equipment life, and minimize operational costs.

We offer comprehensive service and support for a wide range of systems, including primary and secondary clarifiers, clarifier drives, chain and scraper systems, diffused aeration, and sludge digestion equipment. As the OEM for trusted brands like Envirex, FMC, Link-Belt®, Passavant Mammoth Rotors™, and PFT®, we also provide access to a large inventory of replacement parts.

Let us help maximize your plant's performance and save you money!

Xylem 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.

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