



**evoqua**  
WATER TECHNOLOGIES



## **ENVIREX® ENV715 STAINLESS STEEL SEGMENTAL RIM COLLECTOR SPROCKET**

Evoqua, through the Envirex® brand, is an industry leader in innovative designs and cutting-edge materials for sludge collector system components. Designed for long-lasting performance in the toughest applications, the Envirex ENV715 sprockets for collector chains are made with investment cast 15-5PH stainless steel, having an ultimate strength of 190KSI and Rockwell Hardness of C40. Coupled with a 23-tooth, double-life profile, the ENV715 stainless steel sprocket is ideal for conditions where corrosion resistance and durability are necessary for reliable operation.

The split construction of the ENV715 sprocket is assembled on the shaft with four stainless steel bolts which exert compressive force around the full periphery of the hub, clamping it to the shaft where required, providing easier installation and durable operation. Stub shaft sprockets rotate freely on sleeve bearings clamped to the static shaft. Headshaft sprockets have the keyway machined into the hub with set screw to insure chain alignment. All sprockets come with a bolt on segmental chain saver rim.

The ENV715 stainless steel sprocket is best suited for applications where elevated grit or sludge loads require a stronger, more robust sprocket. It can be used in new and existing rectangular sludge collection basins.

### **Features of Cast Stainless Steel Sprockets**

- Special high-performance, 15-5 PH stainless segmental rim kit
- ASTM D-570 compliant
- Bolted flange connections
- Set screw keyways
- Rim savers are standard design
- Can be used to retrofit non-metallic sprockets in high wear applications
- NSF/ANSI 61 Certification for drinking water applications

### **Applications**

- High sludge loads
- High grit concentrations
- Corrosive waste
- Waste with oils and aggressive chemicals
- Where regular servicing is difficult

## Complete installation and after-sales services to help you protect your investment.

- Evoqua experienced field service technicians – the largest group in the industry – can handle a complete upgrade, or do portions of it assisted by your personnel.
- Evoqua can handle the installation of new collectors, as well, working with your contractors or others. Technicians can perform annual inspections, advise on inventory requirements and, of course, be on-site for emergencies.
- Evoqua can upgrade or retrofit any manufacturer's sludge collector with new components. The renovated collector will run more smoothly and require far less maintenance than the original.
- For replacement parts, Evoqua has the most extensive inventory in the business, and can ship from stock immediately when required.



**Envirex**<sup>®</sup>  
an EVOQUA brand



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