



ENVIREX® NCS720S POLYURETHANE 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 NCS720S sprockets for collector chains are made with engineering grade polyurethane. Coupled with a 23-tooth, double-life profile, the sprocket is ideal for conditions where corrosion resistance and durability are necessary for reliable operation.

The split construction of the NCS720S sprocket is assembled on the shaft with two 316 type stainless steel band clamps 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 captured keyway machined into the hub to insure chain alignment.

The NCS720S sprocket is best suited for applications where sludge loads require a stronger, more robust sprocket. It can be used in new and existing rectangular sludge collection basins with stub or full shafting.

Features of Envirex Polyurethane Sprockets

- Special high performance polyurethane formulation
- Special stainless steel band clamps supply 360° clamping force on the hubs which is superior over bolted construction which can cause uneven loading
- Headshaft sprockets have captive Keyways which eliminate set screw concerns
- Rim savers are standard design
- 30+ years experience with polyurethane sprocket design
- Easy retrofit capabilities
- NSF/ANSI 61 Certification for drinking water applications

Applications

- High sludge loads
- Corrosive waste
- Waste with oils and municipal 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[®]
an EVOQUA brand



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