





# Plug-in Seals™

DOUBLE MECHANICAL SEAL IN ONE EASY-TO-INSTALL UNIT

- Inner and outer seals in a single unit assembly
- Outstanding leakage prevention
- Solid seal ring design
- Durable and resistant materials
- Quick and easy to install
- Integrated cooling pump
- Active Seal™ on selected variants



FLYGT
a xylem brand

# Plug-in Seal™ KEY FEATURES

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## Powerful integrated cooling pump

The axial flow propeller provides an efficient cooling flow for pumps with internal cooling systems.

## Durable and resistant materials

Inner and outer seal rings in wear-resistant tungsten carbide (WCCR) increase seal lifetime. Outer seal rings are also available in chemical-resistant silicon carbide. Viton O-rings secure high temperature performance.



## Single unit assembly

Enhances sealing reliability by simultaneously replacing both the inner and outer seals. Protects seal surfaces from contamination and springs from corrosive media and clogging.

## Solid seal ring design

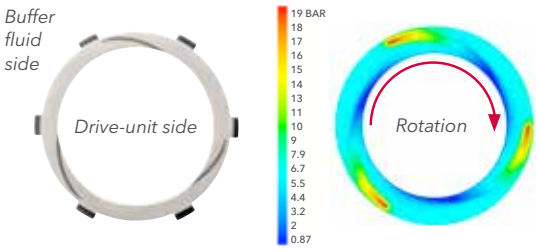
Minimizes the risk of warped seal faces that cause leakage. Minimized seal ring diameters ensure low leakage and low power losses. Mechanical torque lock ensures the positive drive of the rotating seal ring.

## Easy to install and upgrade

Saves time and money. No special service tools are required. Fully interchangeable with previous generations of Flygt Plug-in Seals and factory tested for airtightness before delivery.

## Patented Active Seal™ functionality

Selected variants include a unique inner seal that pumps liquid away from the motor with the help of laser-cut Active Seal grooves.




**Flygt Plug-in Seals** feature two independent mechanical seals mounted in a single ready-to-install unit. Simply place the Plug-in Seal into position, no special service tools are required. Intelligent design protects sensitive sealing surfaces and springs from impurities, which contributes to enhanced sealing reliability, less downtime and reduced maintenance costs. Plug-in Seals with Active Seal have laser-cut spiral grooves in the seal face of the inner seal that pump liquid from the inner to the outer diameter of the seal ring, thus preventing liquid from entering the stator housing.

## Plug-in Seal product range

| Flygt product range | Pump or mixer model | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2000 series | 2610 | 2620 | 2630 | 2640 | 2660 | 2670 | | |
| 3000 series | 3153 | 3171 | 3202 | 3301 | 3315 | | | |
| 4000 series | 4610 | 4620 | 4630 | 4640 | 4650 | 4660 | 4670 | 4680 |
| 5000 series | 5100 | 5150 | | | | | | |

Equipped with Active Seal™ Only in Flygt products
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xylem Let's Solve Water

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