ALLWEILER OPTIFIX™ PROGRESSING CAVITY PUMPS

PUMPS THAT ARE EASY TO MAINTAIN AND IMPOSSIBLE TO BEAT

Designed for multiple pump series and featuring incredibly fast disassembly and reassembly, the OptiFix offers best-in-class mean time to repair.
EVEN YOUR BEST EMPLOYEES AREN’T QUICK ENOUGH TO CUT YOUR PUMP MAINTENANCE TIMES BY 85%.

UNTIL NOW.

ALLWEILER OPTIFIX PROGRESSING CAVITY PUMPS
WE’RE ABOUT TO CHANGE THE WAY YOU LOOK AT PUMP MAINTENANCE

When it comes to the maintenance of progressing cavity pumps, every second counts and costs. The Allweiler OptiFix progressing cavity pumps were designed to make maintenance faster, less frequent and simpler than ever. Offering breakthrough features like a patented zero play stub shaft connection and a high-quality joint construction, this pump can be maintained, repaired or upgraded in a fraction of the time. In fact, OptiFix has a specially designed dismounting device that enables you to remove the stator and rotor while the discharge casing and suction casing are still installed in the piping, giving it best-in-class mean time to repair (MTTR).

UP TO 85% FASTER MAINTENANCE TIMES

compared to previous Allweiler designs
EASY DISASSEMBLY IS JUST THE BEGINNING

The Allweiler OptiFix progressing cavity pump is also:

› Built to last – While the OptiFix is designed for easy maintenance, we made sure that updated design didn’t compromise the durability of the stator and rotor.

› Built to perform – The new design also offers uncompromising performance and volumetric efficiency.

› Built to fit – With robust and compact construction, the OptiFix’s reduced footprint allows it to be installed in more places than ever.

› Built to run – The self-centering extension piece between the stator and discharge casing and optimized sealing of parts against each other make cleaning, reassembly and maintenance easier, which in turn means less potential failures.

KEEP OPERATIONS FLOWING

Designed to deliver superior speed and efficiency, OptiFix’s easy exchange design is fully optimized for safe and streamlined inspections, parts removal and service operations. Plus, when you choose to outfit your pump with an ALLDUR® stator, you can extend pump life up to 500%—drastically reducing your total cost of ownership.
LONGER LIFE. LOWER COSTS.

The ATLS-T1V sensor prevents catastrophic breakdowns and downtime by detecting dry-running conditions. Other features include:

- No sensor contact with the rotor or pumped fluid, which helps avoid leakage
- No required drilling, mounting, or adjustment of the sensor sleeve means easier installation and maintenance
- Heat transfer from the stator to the sensor sleeve allows for safe pump operation and early dry-running detection

A PUMP WORTH PROTECTING
DISASSEMBLES IN 5 EASY STEPS

› Remove screws and extension piece
› Remove stator
› Remove inspection cover and rotor
› Remove screws and loosen tensioning set
› Remove mechanical seal, drive-side joint and shaft

TO SEE THE ALLWEILER OPTIFIX'S DISASSEMBLY FIRST-HAND VISIT CIRCORPT.COM/OPTIFIX

SPARE PART KITS AVAILABLE

Built with uncompromising quality and to meet or exceed OEM specifications, these factory-certified aftermarket spare parts will add new life to your pump.

› Rotor with mounted joint
› Plug shaft with mounted joint

THE OPTIFIX IS FOUND IN A NUMBER OF INDUSTRIES INCLUDING:

WASTEWATER | PULP & PAPER | AGRICULTURE | ENVIRONMENTAL | INDUSTRIAL | SHIP BUILDING

It’s also designed to excel with applications that involve:

› Consistencies from liquid to pasty
› Substances with solid content
› Shear-sensitive liquids
› Lubricating and non-lubricating fluids
› Dilatant liquids
› Abrasive fluids
› Adhesives
MULTIPLE SERIES FOR MULTIPLE INDUSTRIES

Available in two rotor/stator geometry choices, the Allweiler OptiFix pump can be adapted to meet various flow and pressure requirements. These geometries come in multiple sizes, so you’re sure to find a pump that meets the specifications of your system and application.

### AEB 2E-MF SERIES

<table>
<thead>
<tr>
<th>Size</th>
<th>Max Pressure</th>
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<tbody>
<tr>
<td>AEB 2E 200-MF</td>
<td>10 bar</td>
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<tr>
<td>AEB 2E 380-MF</td>
<td>10 bar</td>
</tr>
<tr>
<td>AEB 2E 750-MF</td>
<td>10 bar</td>
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</tbody>
</table>

This geometry allows for:

› Low flow velocity/NPSH

› Gentle conveyance of compacted products or large suspended solids

› Compact dimensions

### AEB 1F-MF SERIES

<table>
<thead>
<tr>
<th>Size</th>
<th>Max Pressure</th>
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<tbody>
<tr>
<td>AEB 1F 403-MF</td>
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<tr>
<td>AEB 1F 553-MF</td>
<td>6 bar</td>
</tr>
<tr>
<td>AEB 1F 703-MF</td>
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<tr>
<td>AEB 1F 1003-MF</td>
<td>6 bar</td>
</tr>
<tr>
<td>AEB 1F 1603-MF</td>
<td>6 bar</td>
</tr>
</tbody>
</table>

This geometry allows for:

› Volumetric efficiency

› Long service life

› Compact dimensions with high flow rates
CIRCOR is a market-leading, global provider of integrated flow control solutions, specializing in the manufacture of highly engineered valves, instrumentation, pumps, pipeline products and services, and associated products, for critical and severe service applications in the oil and gas, power generation, industrial, process, maritime, aerospace, and defense industries.

Excellence In Flow Control

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