NOV **SCION SERIES**

With the Scion series, NOV introduces a new product line that impresses with high performance, easy maintenance, and low life cycle costs.

ONE TECHNOLOGY ACROSS ALL SERIES

Based on the proven Mono series, NOV is launching a modernized and unified product line.
The Scion progressing cavity pumps will feature a new color design and stand out with increased performance, improved serviceability, and reduced life cycle costs.
With 17 model variants each, the two Scion series cover a wide flow range across all pressure classes.

- ✓ The 2:3 pitch stator/rotor geometry enhances performance and reduces installation length.
- ✓ 80% less weight. The removable stator core simplifies and reduces maintenance costs.
- ✓ Lightweight hollow rotors reduce vibrations and facilitate servicing.
- ✓ The split casing of the Scion EZstrip series enables maintenance without disassembly.

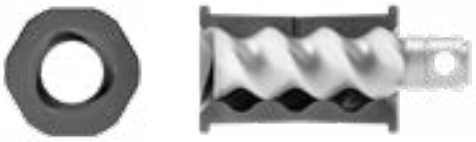
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NOV SCION 2000 AND EZSTRIP

The single- and two-stage Scion series handle flow rates up to 410 m³/h and differential pressures of 6 and 12 bar, respectively..

The Scion 2000 series transmits torque via cardan joints, while the Scion EZstrip series uses a split drive shaft..



The 2:3 pitch stator/rotor geometry shortens the overall pump length and generates high pressure levels even at low torque.



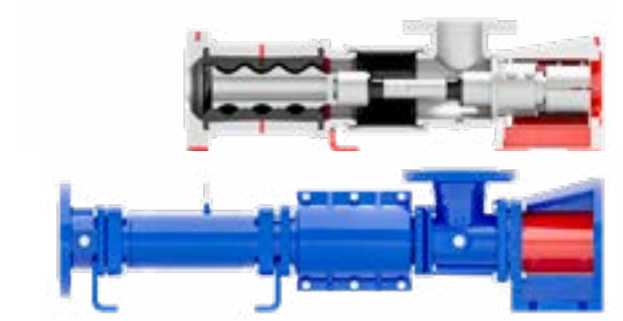
To optimize weight, spare parts costs, and resource efficiency, the removable stator core is housed in a split casing.

You can find your contact person here:
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In a length comparison: The new Scion EZstrip pumps are up to 25% shorter than the previous Mono EZstrip models due to optimized geometry.

UP TO 25% SHORTER LENGTH WITH SAME SERVICE LIFE

With its special 2:3 geometry, the Scion pump length is reduced by up to 25% without affecting service life. The pitch depth and lead have been optimized to displace nearly the same volume per rotor revolution as 1:2 configurations. This helps prevent premature wear caused by excessive speeds. The central hollow bore in the rotor further reduces vibration and increases service life.

SCION EZSTRIP – THE MAINTENANCE PROCESS

The NOV Scion EZstrip series is based on Mono technology and features a large service access after the suction connection, allowing all components to be replaced while installed.

The split stator housing significantly speeds up maintenance, as the lightweight elastomer core along with the hollow rotor and drive shaft can be removed in just a few steps:



Open the service access and loosen the two bolts on the split drive shaft.



Remove the upper and lower halves of the outer casing around the stator core.



The hollow rotor, stator core, and split drive shaft can now be removed.

Individual consulting, system design, and certified service.

Request a quote today: axflow.ie/nov

1) Note: All certifications and standards mentioned in this brochure are the responsibility of the manufacturer. AxFlow assumes no liability for their validity.

fluidity.nonstop® is our promise and our commitment to a level of service and a quality of product, performance and expertise the like of which has not been seen before. We are Europe's leading source of pumps and pump expertise for the process industry and we intend to maintain that position by working fluidly, and ceaselessly, to bring you the best.

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