

Side Channel Pumps

The founders of SIHI were Mr Siemen and Mr Hinsch and in 1920, they invented the side channel principle and since then, the company has continued to develop and improve the side channel design. The Process Industry demands a high level of operational safety for its equipment and SIHI fully meet these standards, by offering an extensive range of materials for the highly efficient side channel pump range.

Technical Data

Flow rate: up to 35 m³/h

Head: up to 354 m

Product Series: CEH / AEH / AKH / AOH / ASH / ADH

Product Compact Series: CEH / AEH / SC / CEB / DRV

Product In-Line Series: AKL / AKV

Design

Horizontal, vertical, self-priming and gas handling side channel pumps.

More Information

- Request for Information / Quotation

Application

Side Channel pumps are used for problem-free pumping of clean liquids at unfavorable suction side conditions. They are also very suitable for positive suction heads below 0.5 m. The different material possibilities with uniform dimensions and performance characteristics as well as the standard exchangeable components, make the CEH particularly recommendable for applications in the pharmaceutical, chemical or petrochemical market as well as in the plastic or oil industry. Because of its low NPSH and positive suction head the CEH is very suitable for the pumping of liquefied gasses and liquids under vapour pressure like condensate, refrigerant, boiler feed water or LPG.

The pumps of the CEH /7 series have a retaining stage to avoid the dry running by controlling the liquid level in the pump. This design is especially developed for the handling of liquids under vapour pressure or when pumping from underground tanks. The series CEH /5 are used for bottom off-loading of liquids under vapour pressure.

