

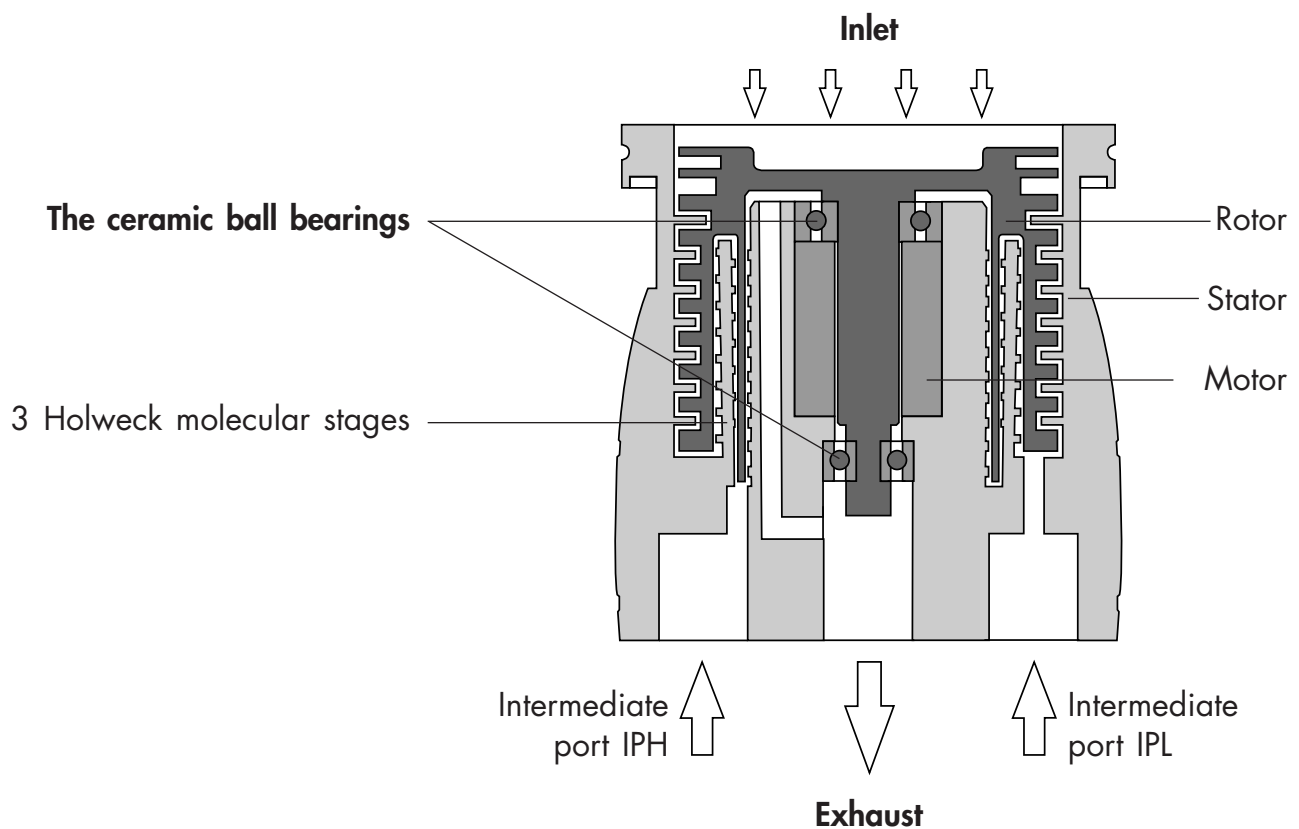
The hybrid turbomolecular pump operating principle

Hybrid technology

The hybrid turbomolecular pump ATH type integrates the advantages of a multi-staged turbomolecular pump combined with a molecular drag section to enhance Ultra High-Vacuum (UHV) for Ultra Clean Technology (UCT).

The turbomolecular section provides high pumping speeds and UHV ultimate vacuum.

The molecular drag section (1, 2 or 3 built-in Holweck stages) provides a high compression ratio and high exhaust pressure tolerance.



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The hybrid pump in an installation

Because of built-in Holweck stage technology, the exhaust pressure tolerated is from 25 up to 45 mbar (according to the version).

The hybrid turbomolecular pump is compatible with membrane pumps, wet or dry roughing pumps.

