HB

Hygienic Block

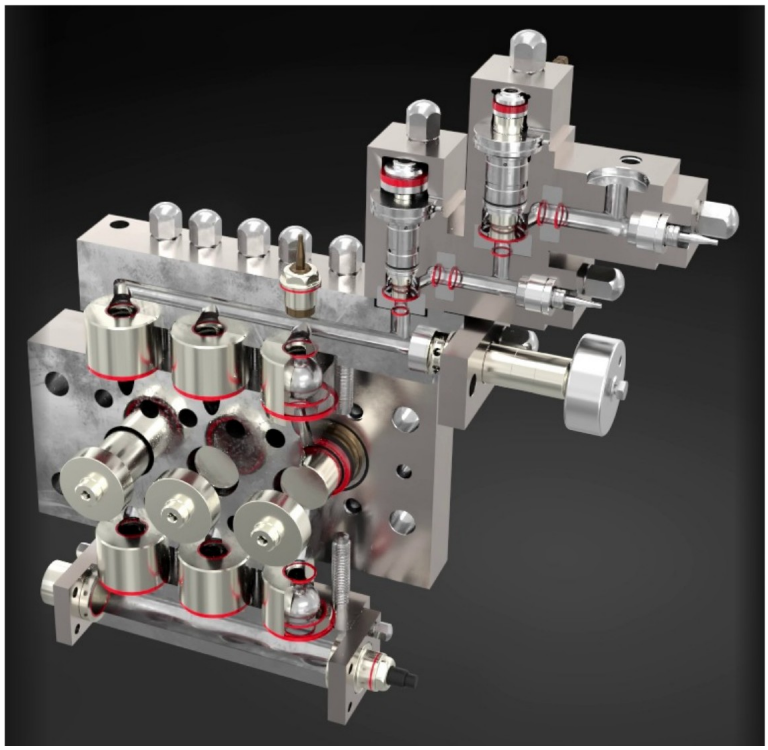
About the design

Optimised for hygiene.
Simple to service.

The HB Hygienic Block is the result of continuous optimisation of the BOS cylinder block. Its three-piece construction gives direct access to the valves and product-contact areas, so inspection and service are quick and straightforward.

Developed in accordance with the hygienic design principles of EHEDG Doc 17, it minimises dead zones and product-retaining features. Cleaning is more effective, CIP is more reliable and your line is back in production sooner.

Shorter cleaning and maintenance stops mean less downtime and more production hours from every machine.



Better cleanability **Faster service** **Less downtime**

Designed following EHEDG guidelines

Product at-a-glance

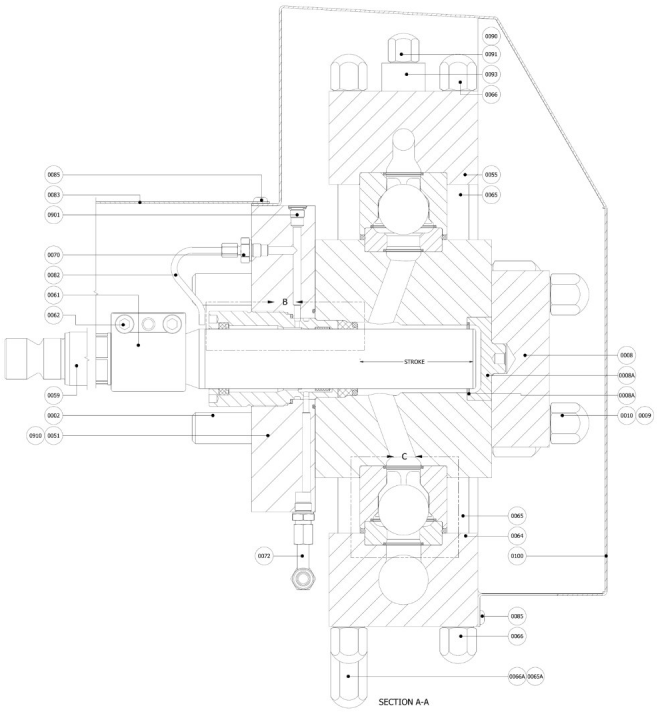
- Designed following EHEDG Doc 17
- Three-piece block, easy to service
- Minimised dead zones and dead ends
- Effective cleaning during CIP
- Less downtime for cleaning and maintenance
- Supplied with ball valves

See overleaf for all design features

Hygienic design features

Design feature	What it means for your process
Minimised dead zones and dead volumes	Less product retention in the product zone
Three-piece cylinder block	Better inspectability, accessibility and cleanability
Single sealing concepts	No stacked packings in the product zone
No springs or retaining rings in contact areas	Fewer places where product can be retained
Hygienic gasket solutions	Minimal metal-to-metal contact in product areas
Hygienic pumping valve assemblies	Designed for cleaning, inspection and maintenance
Instrument and safety valve connections	Minimised dead ends and product retention
Selected contact and sealing materials	Suitable for hygienic food processing

Inside the three-piece design



Section A-A, cylinder assembly MG30-200HB

1 Discharge block
Top block with the discharge valves.

2 Valve block
Central block with the plunger bores and single sealing concept.

3 Inlet block
Bottom block with the suction valves.

Please note

Designed in accordance with EHEDG recommendations; this is not an EHEDG certification. Plunger pumps are inherently not fully drainable: drainage is facilitated on suction and discharge sides, but the machine is not completely self-draining.

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