

## PRODUCT RANGE.

### Horizontal pumps

with hydrodynamic shaft seal

### Vertical pumps

- for dry installations, short design
- for wet installations, without bearing in the liquid
- for wet installations, with slide bearing
- with feeder propeller for space-saving installation

### Tank pumps

with in-feed from above

### Horizontal and vertical pumps

- with half-open impellers
- with closed impellers
- with torque flow impellers

### Downstream seals

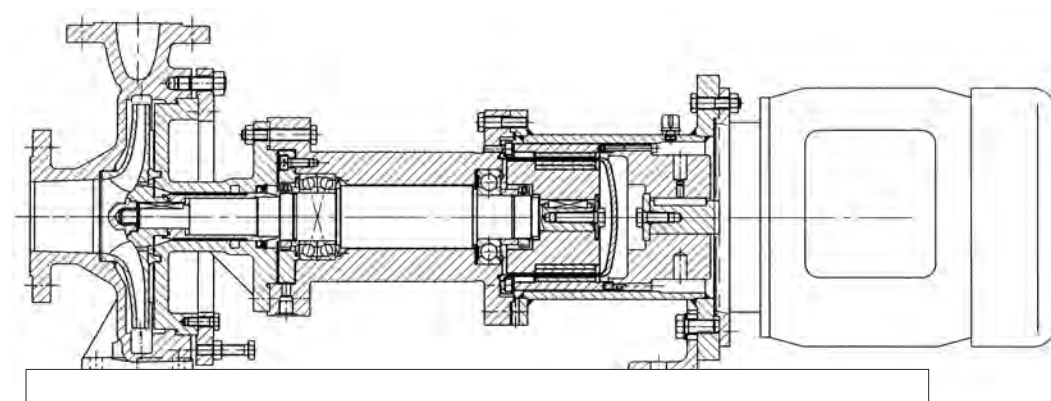
for pumps with hydrodynamic relief of the shaft gap

- packed gland
- mechanical seal
- magnetic drive
- particular solution for problem cases

**Comprehensive information about each type of pumps is featured in individual product brochures.**

## MATERIALS.

- all castable and weldable stainless steel qualities
- castable and weldable special alloys
- grey cast iron, rubber lined
- special materials such as titanium, zirconium, etc.



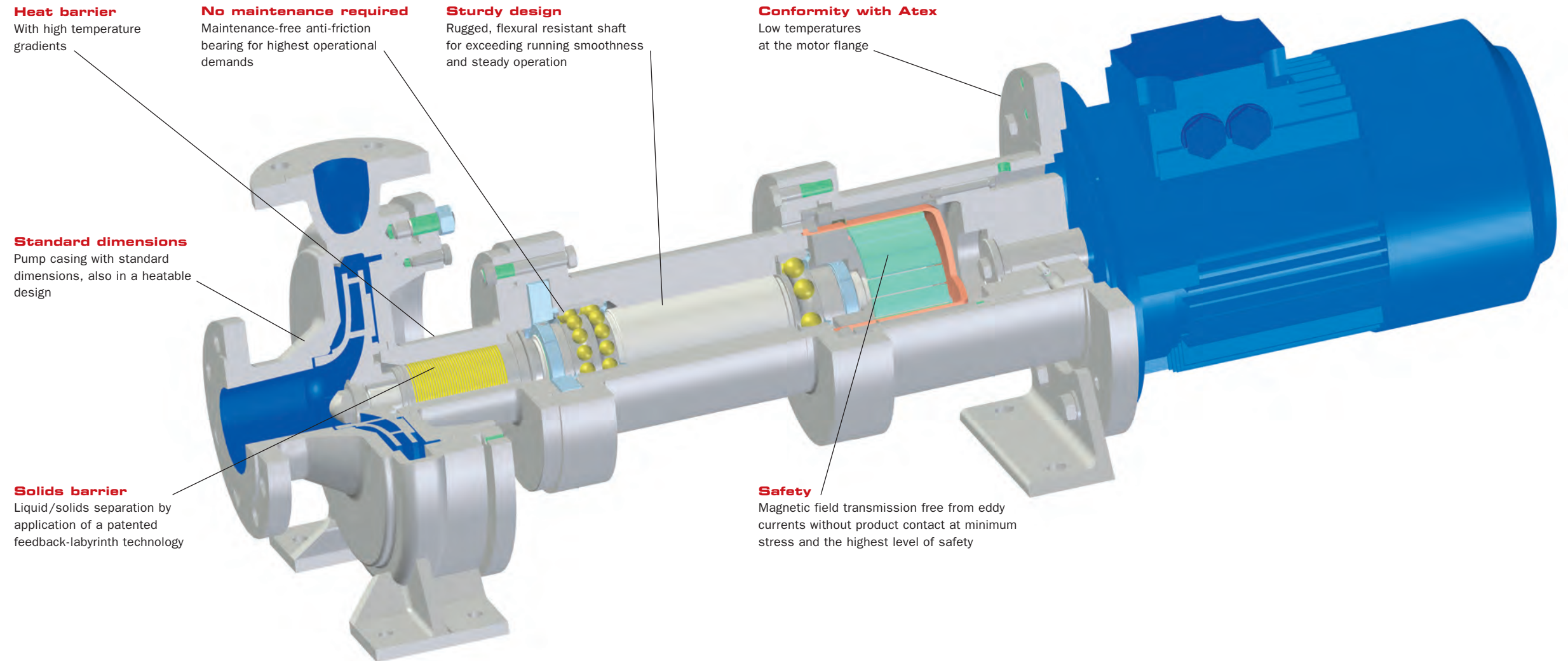
**BUNGARTZ**  
CENTRIFUGAL PUMPS  
MPCH**DryRun**

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## SAFE IS SAFE.

## THE CENTRIFUGAL PUMP WITH MAGNETIC DRIVE MPCHDryRun.

The MPCHDryRun horizontal pump contributes to the success of the dry running vertical Bungartz magnetic pumps MPCV and MPAT, which have been employed in applications for many years, so that they now belong to the broad range of chemical pumps with standard fitting dimension.

### APPLICATION AREAS.

- toxic media with particular demands on the shaft seal
- pumping liquids containing solid parts
- gas-containing pumping liquids

### ADVANTAGES.

- continuously dry running
- robust and free of wear and tear
- low vibrations
- maintenance-free
- reliable and durable

### WARRANTY OF SERVICEABILITY.

The robust, anti-friction bearing with lifetime lubrication and the dry running magnetic drive work maintenance-free for 3 years, irrespective of the pumping medium.

### PUMPING MEDIUM.

As the bearing and the magnetic drive have no contact with the pumping medium and as different impeller geometries are available, this all-purpose magnetic-driven pump can be operated for applications that are almost independent of the use of liquids.

### PRODUCT TEMPERATURES.

Between the back of the impeller and the shaft bearing there is a product-free labyrinth area through which sealing gas flows. This sealing results in a high temperature gradient and thus a lower temperature of the bearing. A heatable pump casing is used for melts.

### RANGE OF PERFORMANCE.

