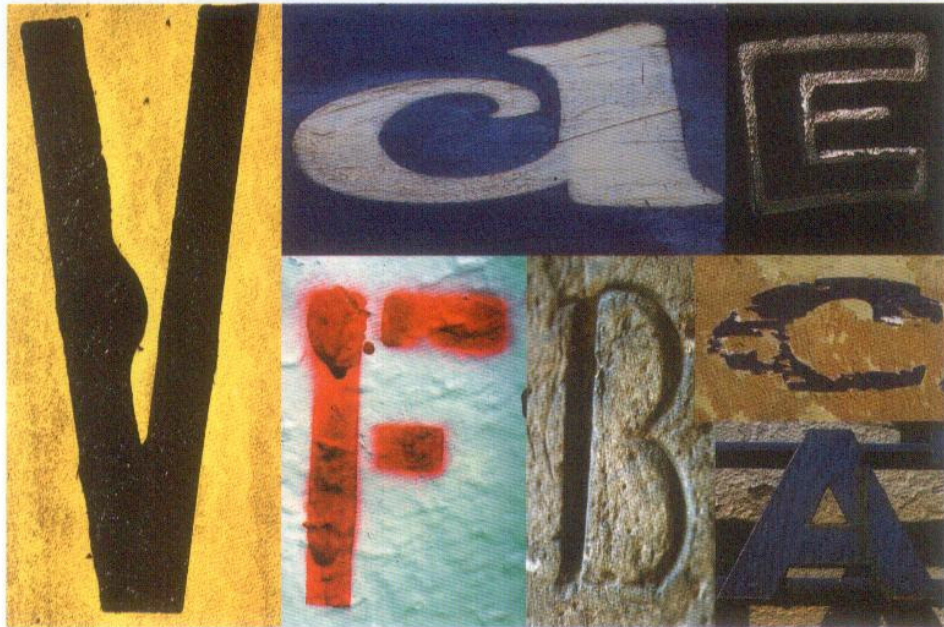


MULTITEC - THE NEW GENERATION OF MULTISTAGE PUMPS



**Reliable
Economical
Service-friendly
Versatile**

Industrial liquids, boiler feed, water supply, water treatment and irrigation, every application has specific requirements of its own. This is why we have developed a new series of multistage ring-section pumps in modular design.

Its name: Multitec.

The Multitec pump is the result of our many years of experience in designing and manufacturing multistage pumps: technology that points the way ahead. Our know-how ensures superior quality of the product. A wide variety of possible materials means that we can offer the optimum for the pumped liquid.



**Optimized
Hydraulics**

Our R&D engineers have put particular emphasis on designing new hydraulics with a high efficiency. Multitec therefore ensures considerable savings in power and consequently operating costs.

 **Efficient**

Design

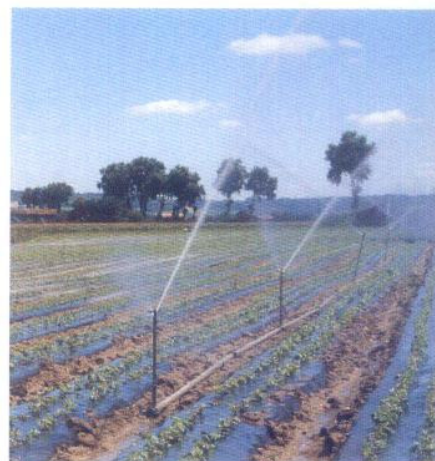
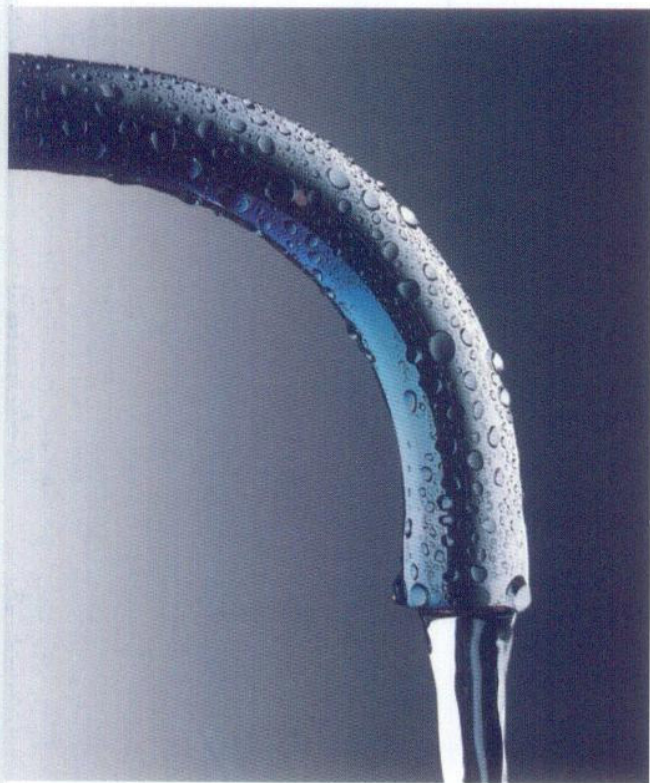
The use of state-of-the-art materials such as silicon carbide for the self-aligning journal bearing gives the pump a previously unknown ruggedness.

 **Reliable**

**Only one shaft
seal**

The between-bearings design with only one shaft seal reduces the number of wear parts thus cutting the costs for spares. Simplified components and easy access to the internal parts reduce the maintenance expenditure.

 **Service-friendly**



IN A NUTSHELL: THE BENEFITS OF THE NEW Multitec

STANDARD DESIGN WITH SUCTION IMPELLER

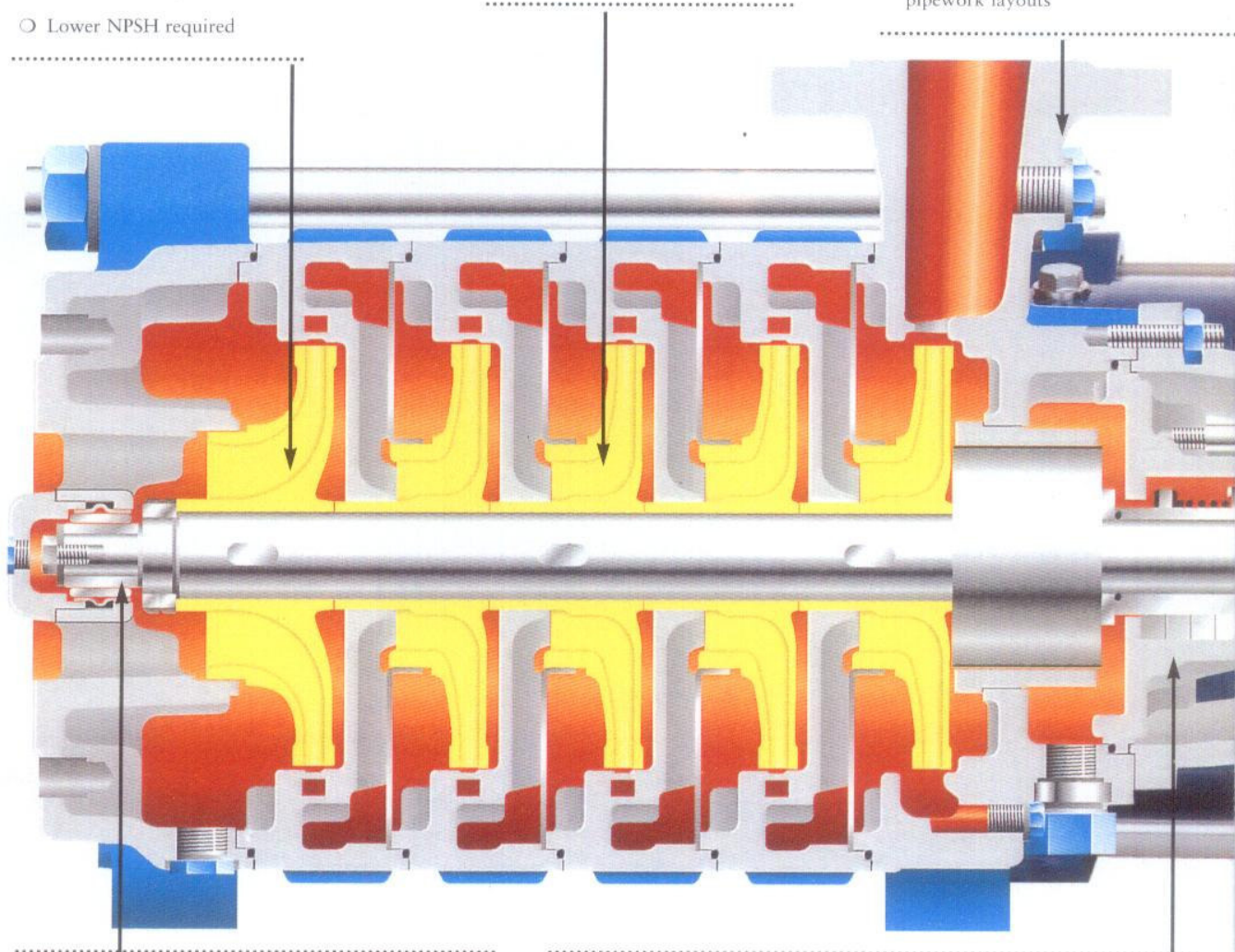
- Improved suction behaviour
- Lower NPSH required

HIGH EFFICIENCY HYDRAULICS

- Lower operating costs

SUCTION AND DISCHARGE NOZZLE CAN BE ROTATED IN INCREMENTS OF 90°

- Pump can be adapted to meet different pipework layouts



SELF-ALIGNING JOURNAL BEARING

MADE OF HARD-WEARING SILICON CARBIDE

- Low maintenance costs
- Longer life and higher reliability than rolling element bearings

ONLY ONE SHAFT SEAL

SINGLE OR DOUBLE ACTING MECHANICAL SEAL, EITHER COOLED OR UNCOOLED VERSION, CARTRIDGE SEAL OR STUFFING BOX PACKING

- Easier maintenance
- Higher reliability
- Less wear and tear parts
- No additional operating and installation costs in aircooled version

RELIABLE

EFFICIENT

SERVICE-FRIENDLY

VERSATILE

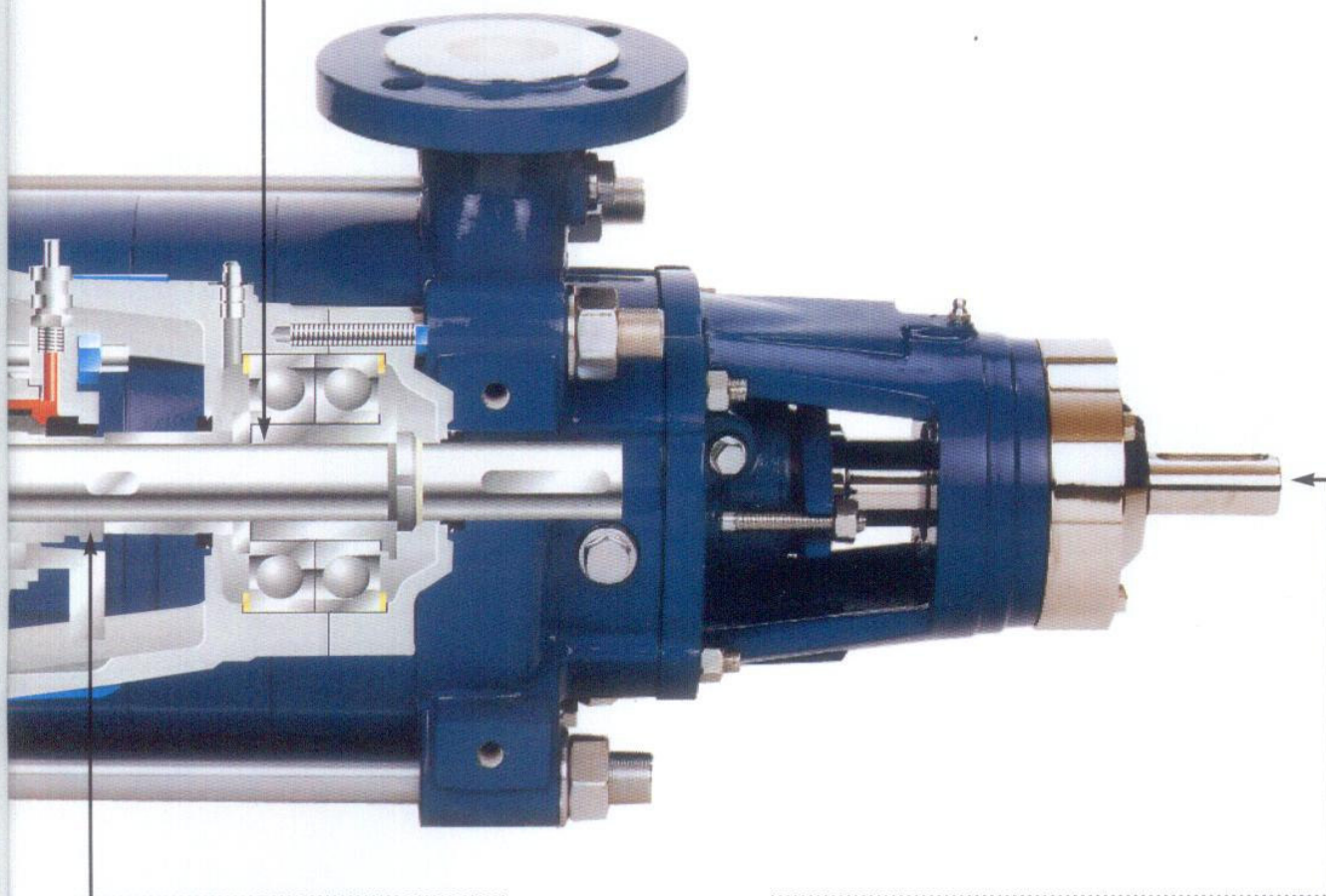
ROLLING ELEMENT BEARING ON CLAMPED SLEEVE

- Easy to assemble/dismantle
- Lower maintenance costs

DIFFERENT MATERIAL COMBINATIONS POSSIBLE

CAST IRON (GG 25), BRONZE (G-CuSn10), CAST STEEL (GS-C25N), ALLOYED CAST STEEL (1.4408)

- Optimum adaptation to the pumped liquid



SHAFT PROTECTING SLEEVE MADE OF ALLOYED STEEL

- Protects the shaft from wear and tear
- Quick and easy replacement of the shaft seal

BALANCE DRUM REDUCES AXIAL THRUST

- Long life of rolling element bearings and shaft seal
- Reduced bearing loads during fluctuating operating conditions

Multitec

for each application the right design

Modular Design

Thanks to its great versatility, Multitec easily integrates into your plant

Multitec thus offers the optimum solution for your application.

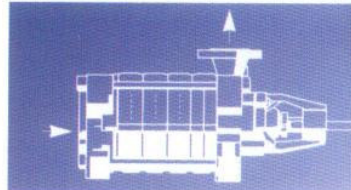


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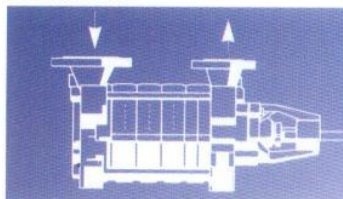
Vertical close-coupled design



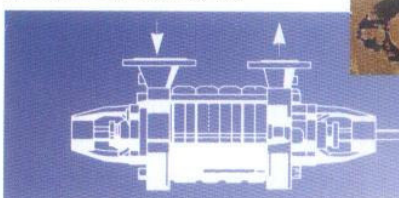
Horizontal baseplate-mounted design with axial inlet



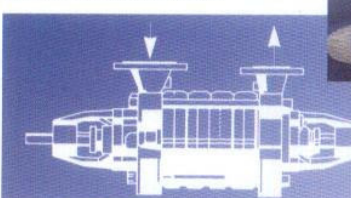
Horizontal baseplate-mounted design with radial inlet



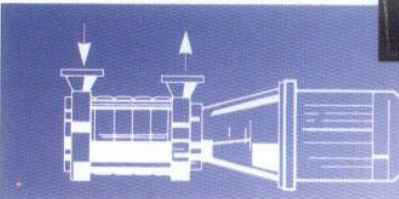
Horizontal baseplate-mounted design with radial inlet and drive on the discharge side



Horizontal baseplate-mounted design with radial inlet and drive on the suction side



Horizontal close-coupled design with radial inlet



Horizontal close-coupled design with axial inlet

