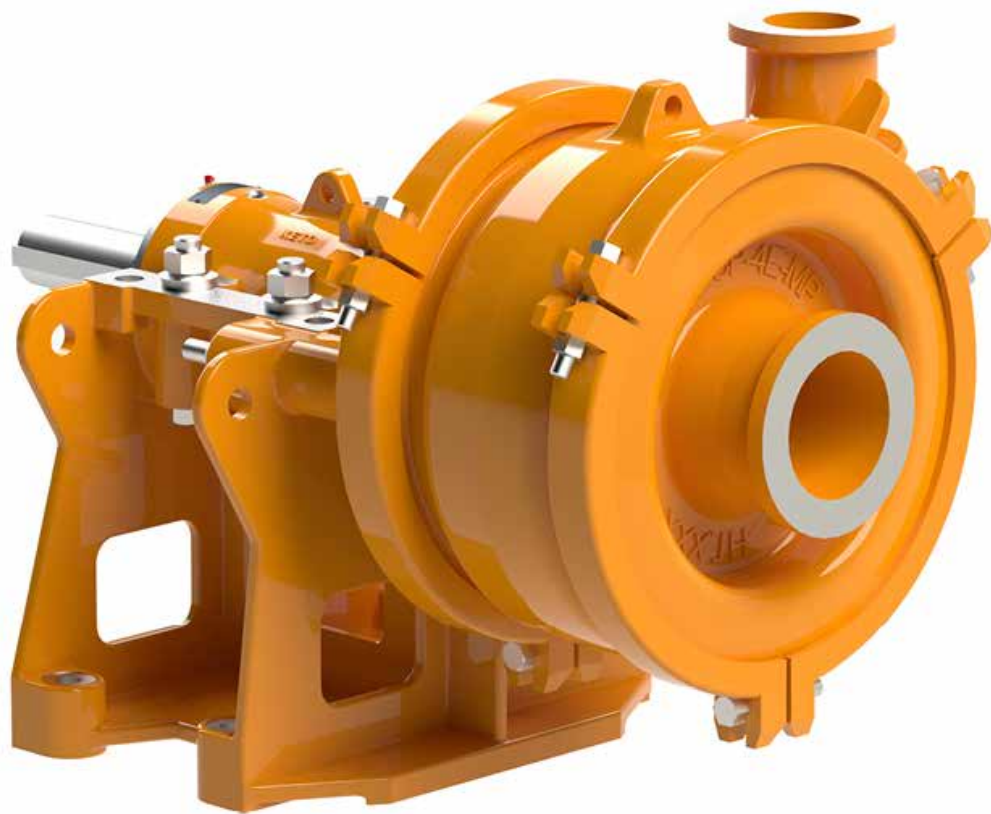


HEAVY DUTY SLURRY PUMPS

K-MP™ SOLID CASE HORIZONTAL PUMP



KETO HEAVY DUTY SLURRY PUMPS DESIGNED FOR THE MOST ARDUOUS PUMPING APPLICATIONS

KETO PUMPS VERSATILE SOLUTIONS

A versatile pump with the ability to be adapted to suit several applications. Can significantly reduce power consumption, lower operational costs and increase production.

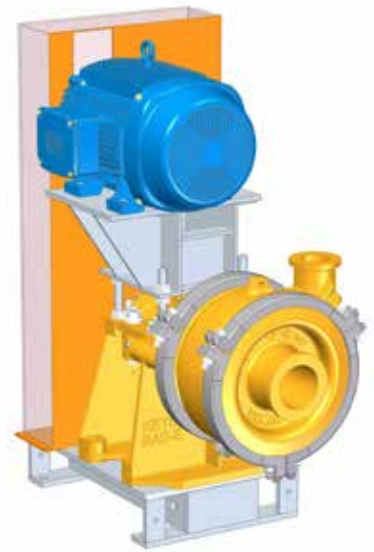
The K-MP™ heavy duty solid case horizontal slurry pumps range in size from 50mm (2") to 150mm (6"). The all-metal unlined pump range integrates our advanced pump upgrade wet end wear components. The casing, impeller and liner have been optimised to provide low wear while delivering outstanding efficiency over a wide range of medium to heavy slurry applications. With many unique features, the K-MP™ pump is easy to maintain and is designed to offer the lowest cost of ownership.

TECHNICAL DATA

- **Range from:** 50 mm (2") to 150 mm (6")
- **Flow rates to:** 900 m³/hr (3,900 USgpm)
- **Total head to:** 100 m (328 ft)
- **Pressures to:** 800 kPa (116 psi)
- **Material options:** chrome iron
- Specialist materials available on request for highly acidic or caustic duties

TYPICAL APPLICATIONS

- Tailings
- Slag granulation
- Cyclone feed
- Dewatering
- DMS circuits
- Dredging operations
- Coal washing



KETO K-MP™ SOLID CASE HORIZONTAL PUMP

- FEATURES & BENEFITS

1 HEAVY DUTY BASE

- Heavy duty one piece frame with lifting points for easy maintenance

2 K-IBA™ HEAVY DUTY BEARING ASSEMBLY

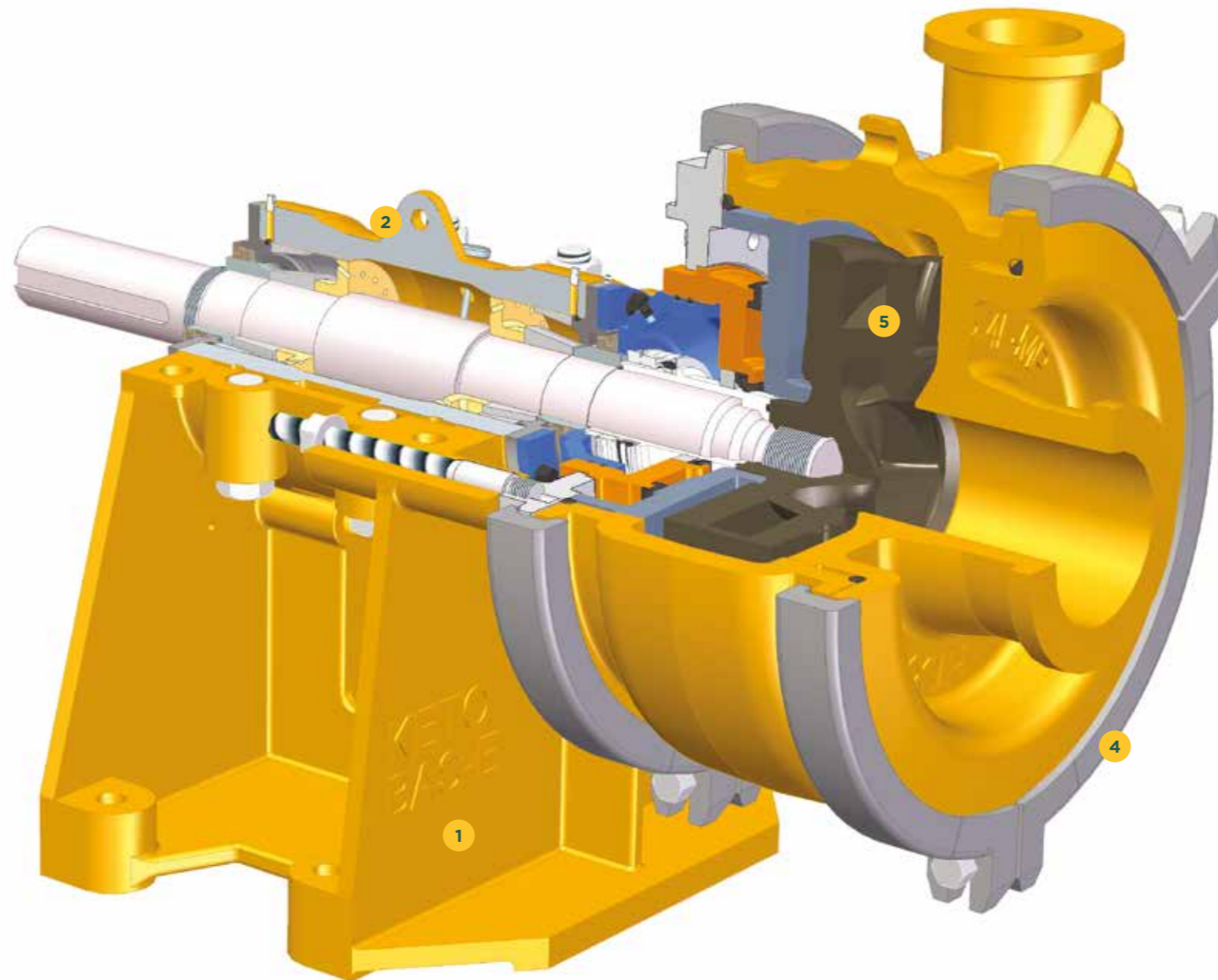
- Easy to maintain cartridge style bearing assembly
- Modern bearing seals for increased reliability
- Patented grease and oil flinger allows a simple choice of oil or grease lubrication
- Bearing assembly can be replaced in-situ
- Various material options available including carbon steel and stainless steel

3 SINGLE PIECE SLEEVES

- Single piece allows for easy maintenance and removal
- Sleeves are available in ceramics or metal, including our solid Karbide™ shaft sleeve for long wear life
- Extended replacement intervals
- O-ring seals protect from abrasive/corrosive contaminants
- Expanded sealing options

4 SEGMENTED VOLUTE CLAMP RING

- Rings require minimal maintenance time and cost
- Allows casing rotation to any required angle, removing the need for expensive high wearing bends



5 K-HEE™ SEVERE DUTY HIGH EFFICIENCY IMPELLER

- KETO K-HEE™ reduces throat bush wear
- Improved hydraulics for higher efficiency
- Lower NPSHR and increased wear life
- Superior resistance to recirculating flows, twisted vanes enable better eye inlet conditions, controlling flow paths
- Multi-purpose design allowing reduced inventory requirements

6 K-ISS™ MECHANICAL SEAL (EXTERNAL FLUSH)

- Mechanical seal situated in clean water, not in contact with slurry, significant reduction in wear and reduced inventory
- Requires less maintenance than other sealing options
- Fitted with a flow control valve, low water consumption, available in both single and double seal options
- Hydrocarbon free (gland water barrier fluid)

7 POLYCARBONATE WINDOW BELT GUARD

- Tool free inspection
- Transparent case allows for easy maintenance and inspection of belt condition



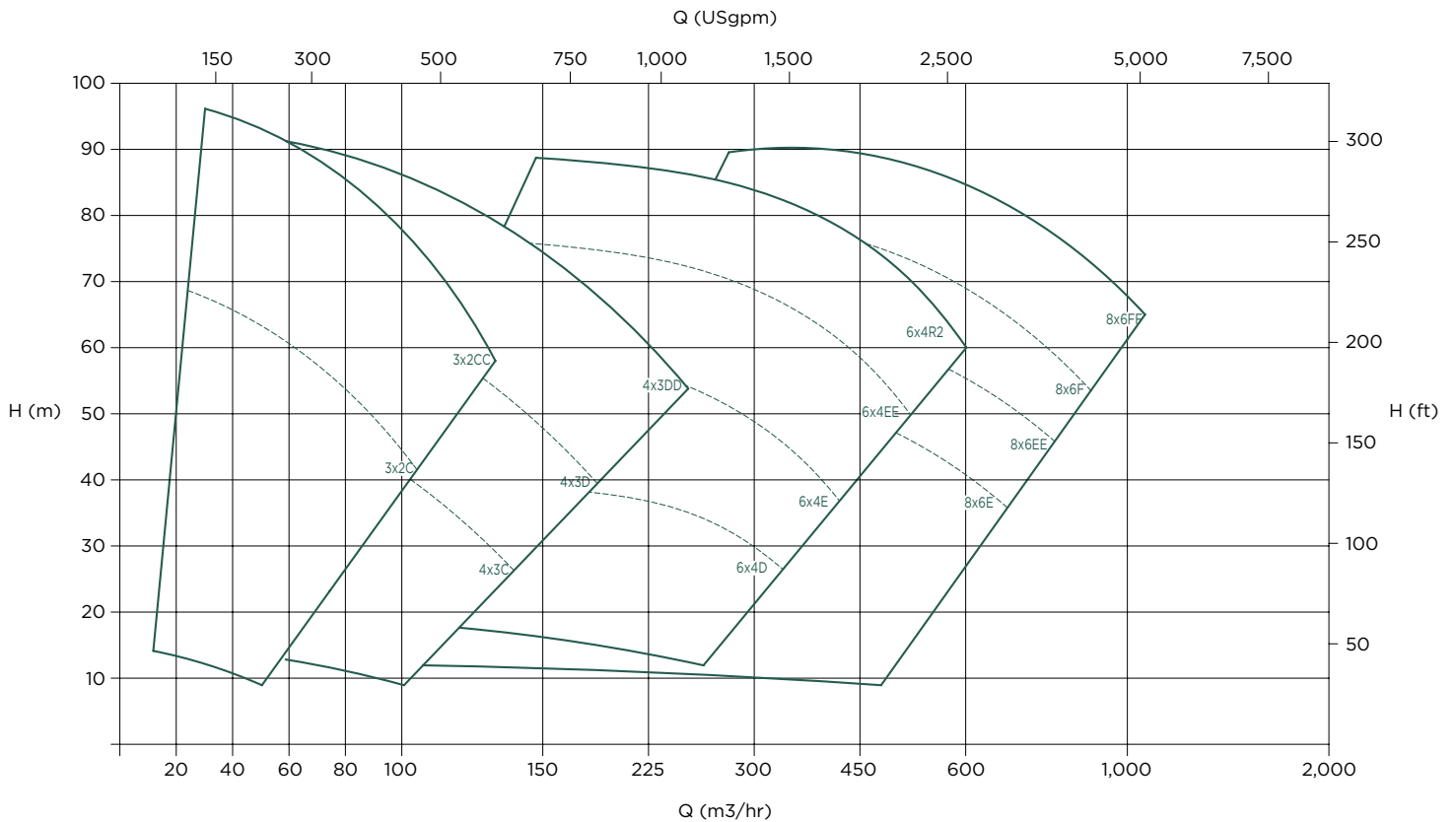
KETO Pumps offer a wide range of configurations allowing the pump to be tailored to a specific application

WET END MATERIALS	IMPELLER	BEARINGS	SEAL ARRANGEMENT
Choice of: <ul style="list-style-type: none"> • WI05 27% Chrome • Specialist materials on request 	Choice of: <ul style="list-style-type: none"> • K-HEE™ severe duty high efficiency • High efficiency • Heavy duty 	Choice of: <ul style="list-style-type: none"> • K-IBA™ heavy duty • Light duty 	Choice of: <ul style="list-style-type: none"> • K-ISS™ mechanical seal • Packed gland • Expeller seal

*Standard range shown above, specialist engineered units are available on request.

STANDARD HYDRAULIC RANGE CHART

K-MP™ SOLID CASE HORIZONTAL PUMPS RANGE COVERAGE CHART



DRIVE ARRANGEMENTS

CR/CL DRIVEN

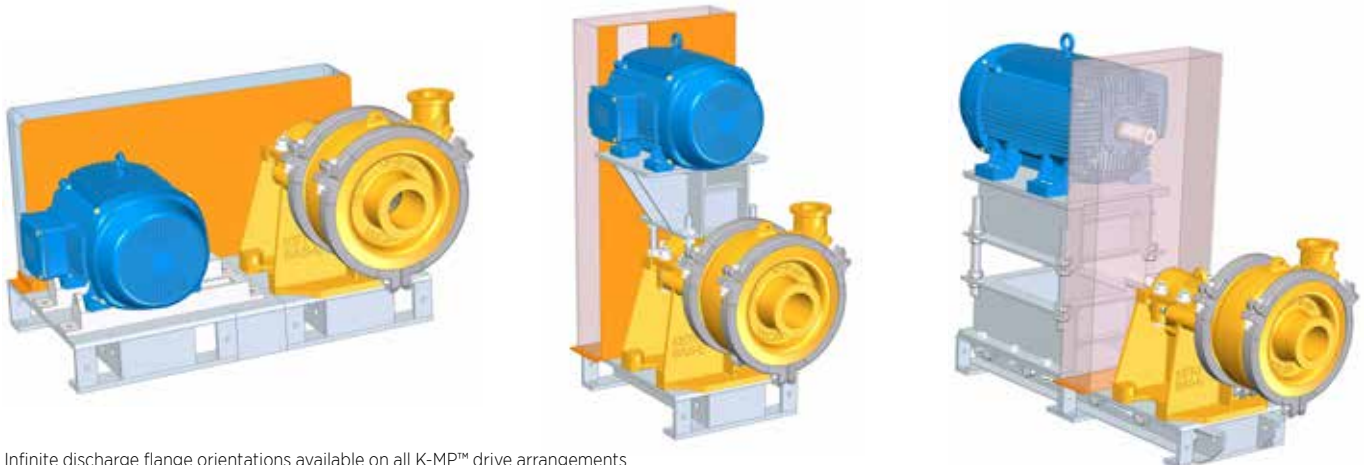
- For applications where height or overhead spaced is limited

CV DRIVEN

- For applications where floor space or area is limited

ZV DRIVEN

- Used in installations where the selected motor is too large to be CV (overhead) mounted



Infinite discharge flange orientations available on all K-MP™ drive arrangements

FOR MORE INFORMATION PLEASE VISIT KETOPUMPS.COM
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