

K Range

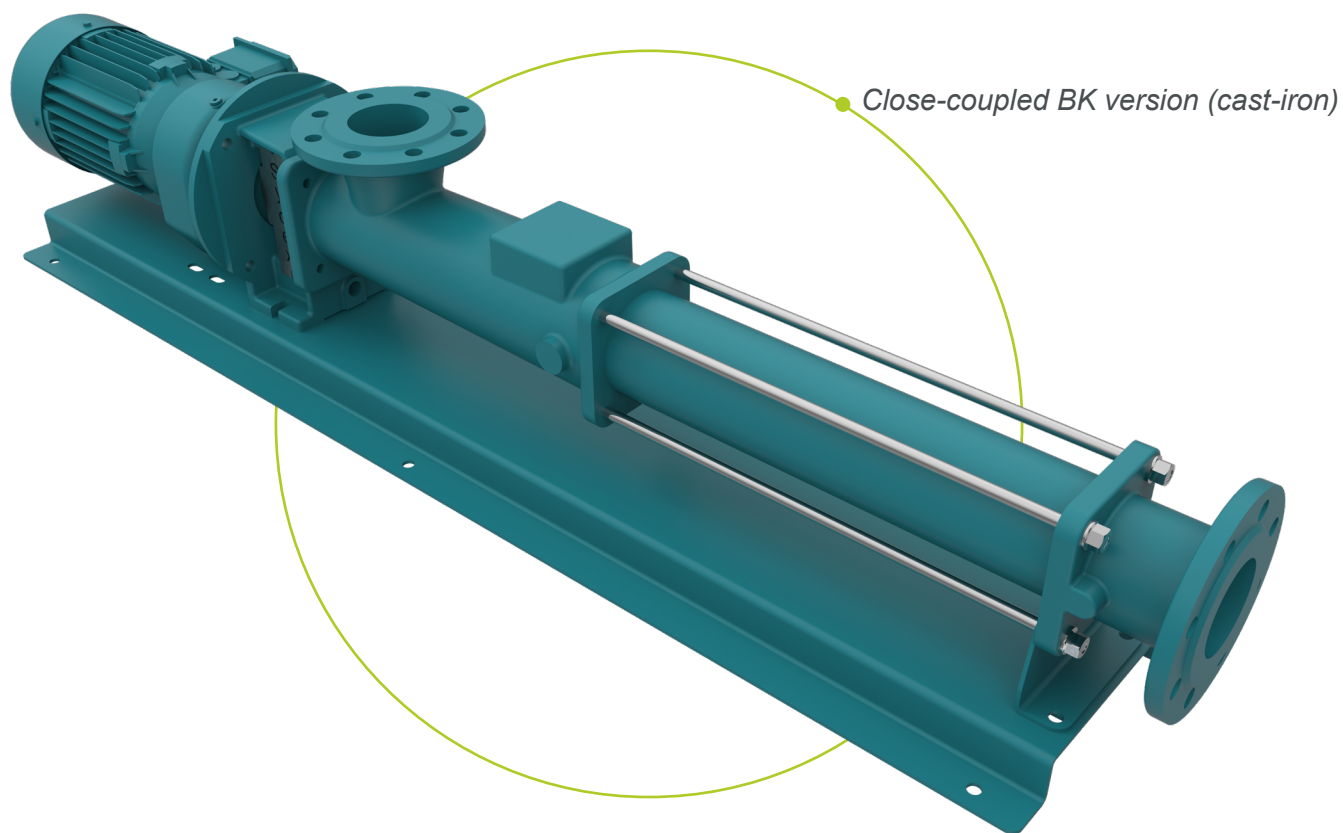
Industrial Progressing Cavity Pumps

www.sydexpump.com

K Range

Sludge Progressing Cavity Pumps

Discover the advantages and performances of the K range sludge progressing cavity pump dedicated to wastewater, oil & gas and marine applications.



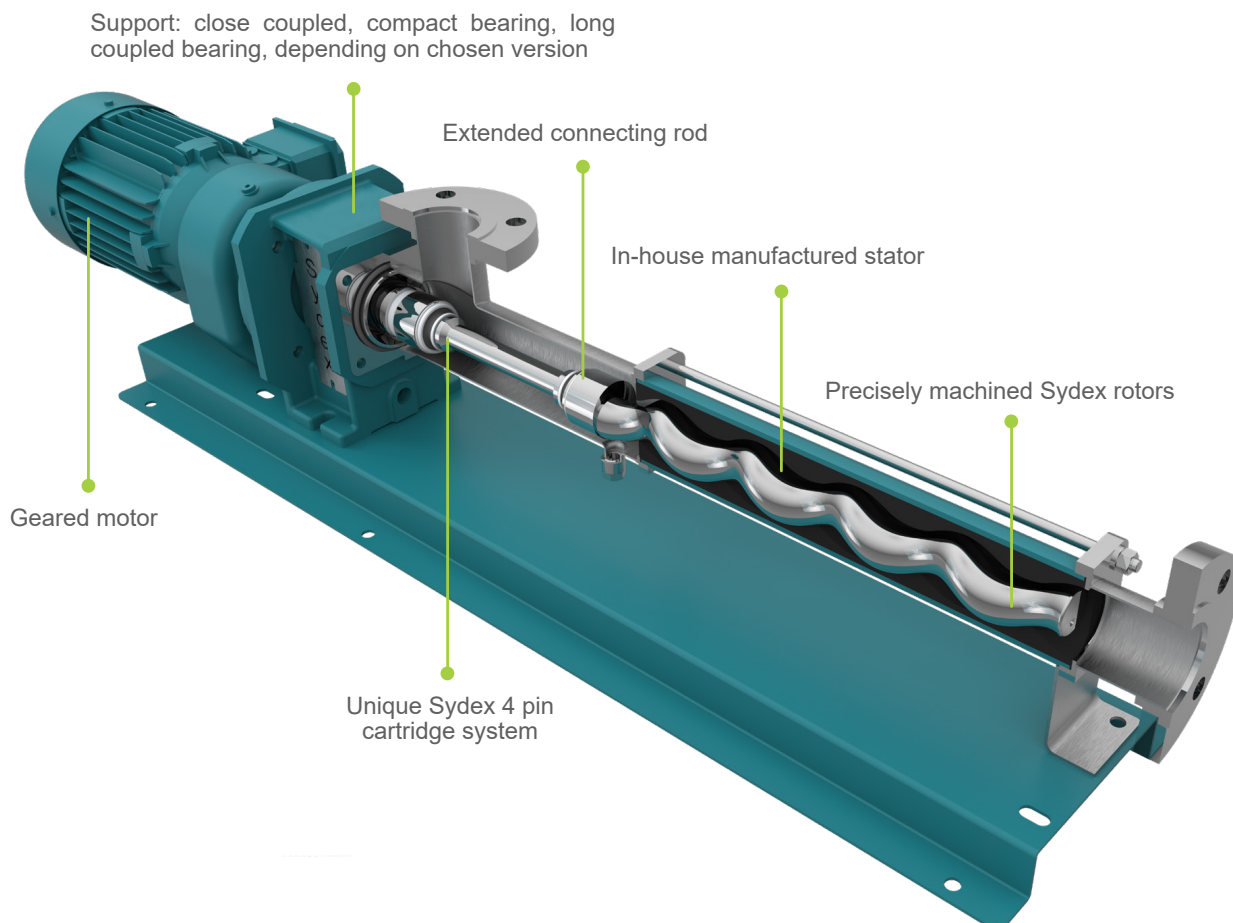
Advantages

- Robust design, clearest delivery time and best value for money in the market.
- Wide pumps range and large variety of building materials.
- Geared motor: the speed is carefully selected according to your application. We only rely on top quality manufacturer for this essential component.
- Extended connecting rod, which ensures extremely low angularity and increases significantly stator/rotor and seal life.
- Easy maintenance through the fitted ports.
- Steady and constant flow.
- Reversible flow.
- Wide variety of rotors and stators, machined by Sydex, including vacuum hardening to provide exceptional service life.
- Reinforced bearings configuration for big sizes pumps.



Close-coupled BK version

Close-coupled BK version (stainless steel)



Application fields

Industrial applications in environmental technology.

Industrial applications in the food industry.

Industrial applications in the oil & gas industry.

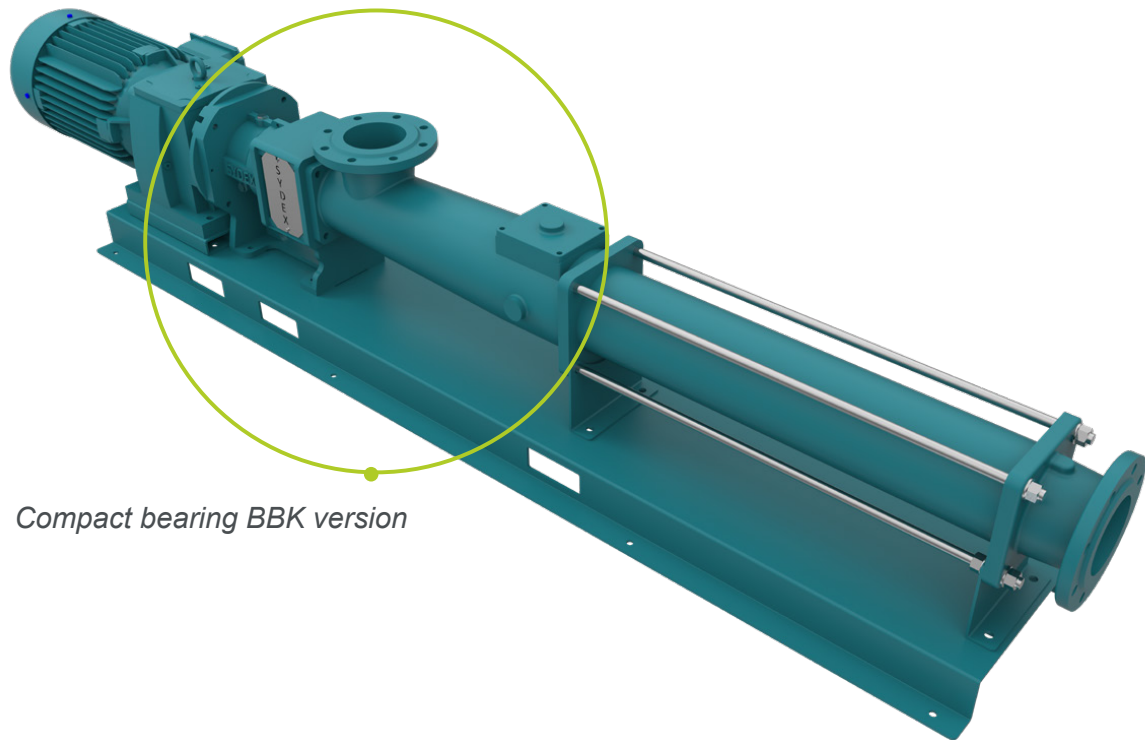
Industrial applications in the chemical industry.

Industrial applications for a wide range of fluids with different viscosities.

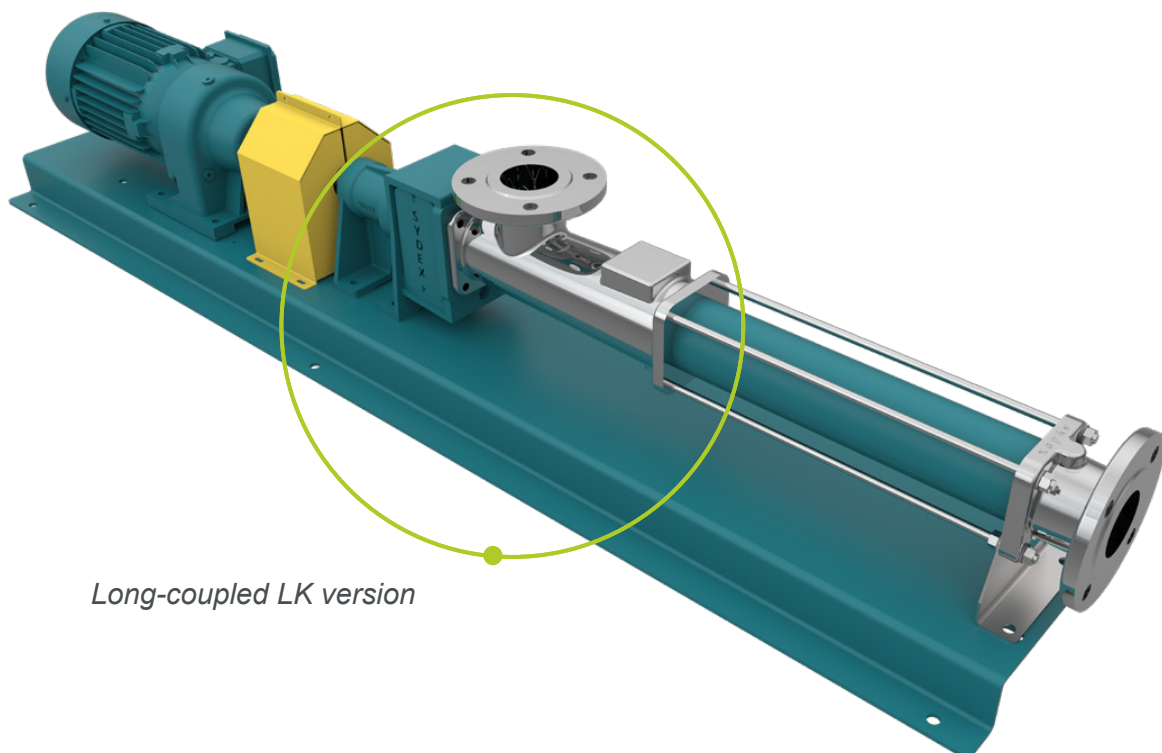
Other configurations

The BBK series comes with a compact space saving bearing version. The bearing eliminating the axial forces going into the gearbox.

For heavy duty applications the K series can be delivered i a long-coupled version.



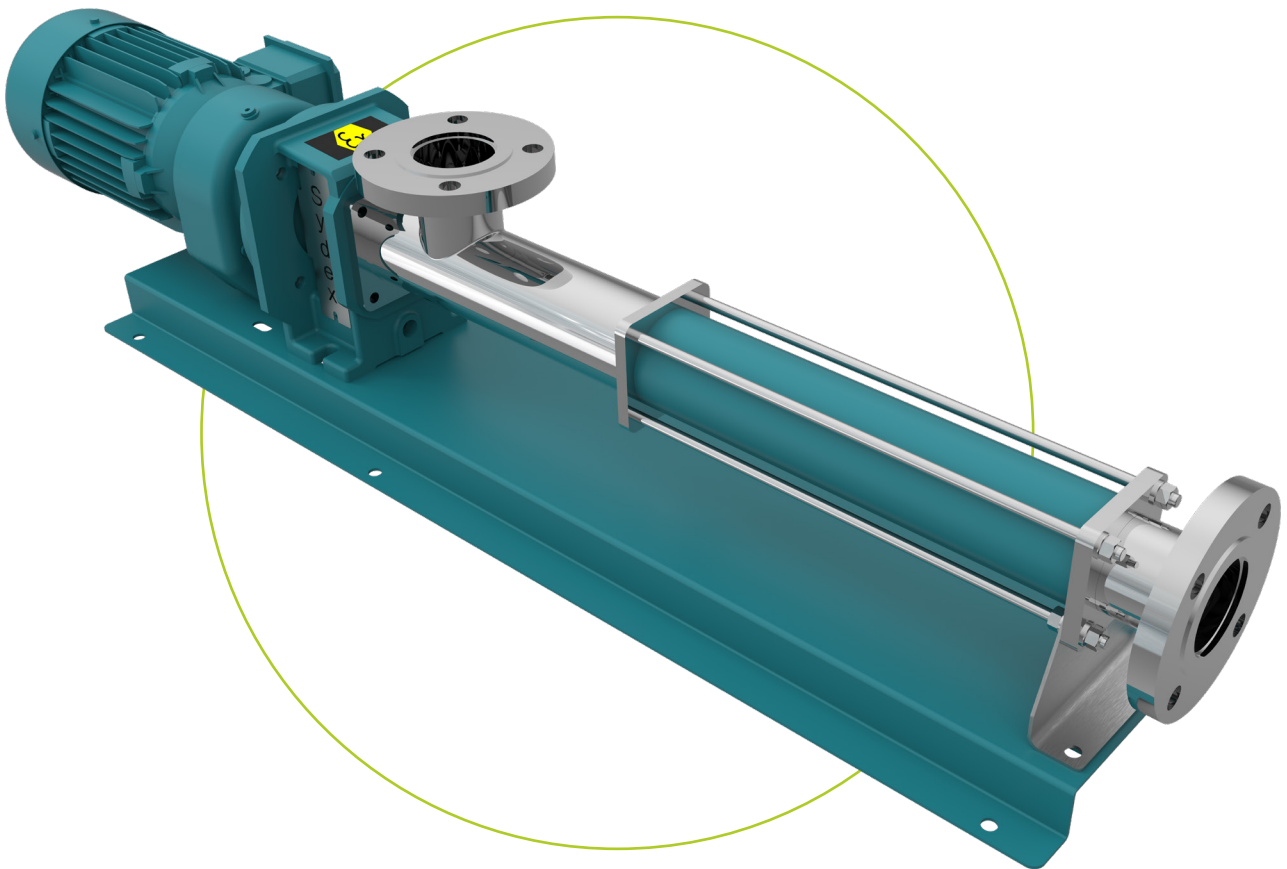
Compact bearing BBK version



Long-coupled LK version

ATEX

ATEX is a European certification that aims to minimize and prevent any possible risk of explosion when equipment is used in potentially explosive atmosphere.



The ATEX rating is reported on the pump nameplate to identify the operating conditions and the protection level of the product:

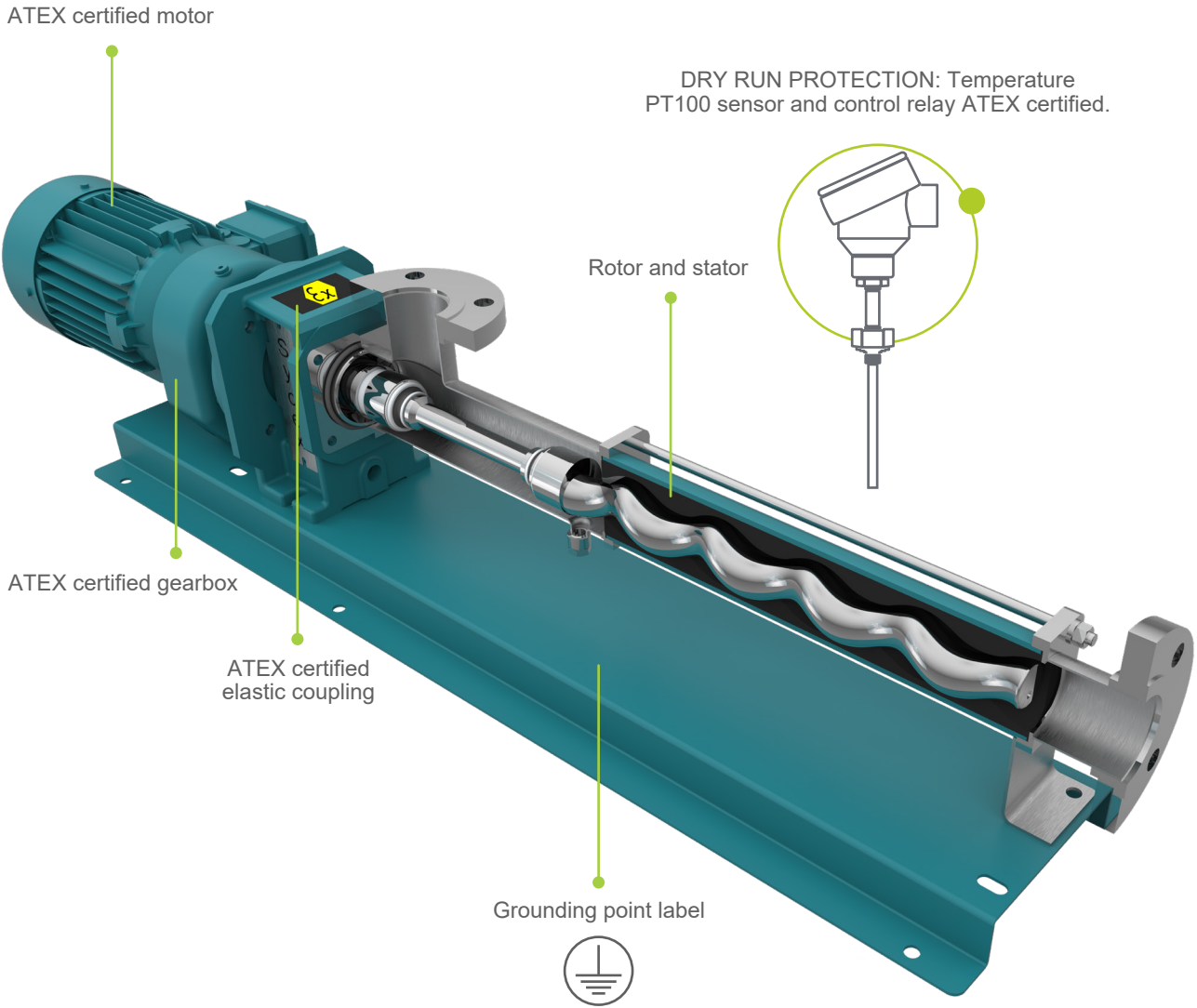
CE Ex II2G Exh IIB T4 Gb X
ATEX MARKING TYPE OF PROTECTION GAS GROUP MAX. SURFACE TEMPERATURE EPL



ATEX certification is required within the Industrial Pump Industry when the product is used in a potentially explosive environment.

Many substances and chemicals, such as flammable gases, mists or vapours or combustible dust, can cause an explosion when exposed to an ignition source.

Sydex pumps are ATEX certified and suit all the requirements of your operating conditions.

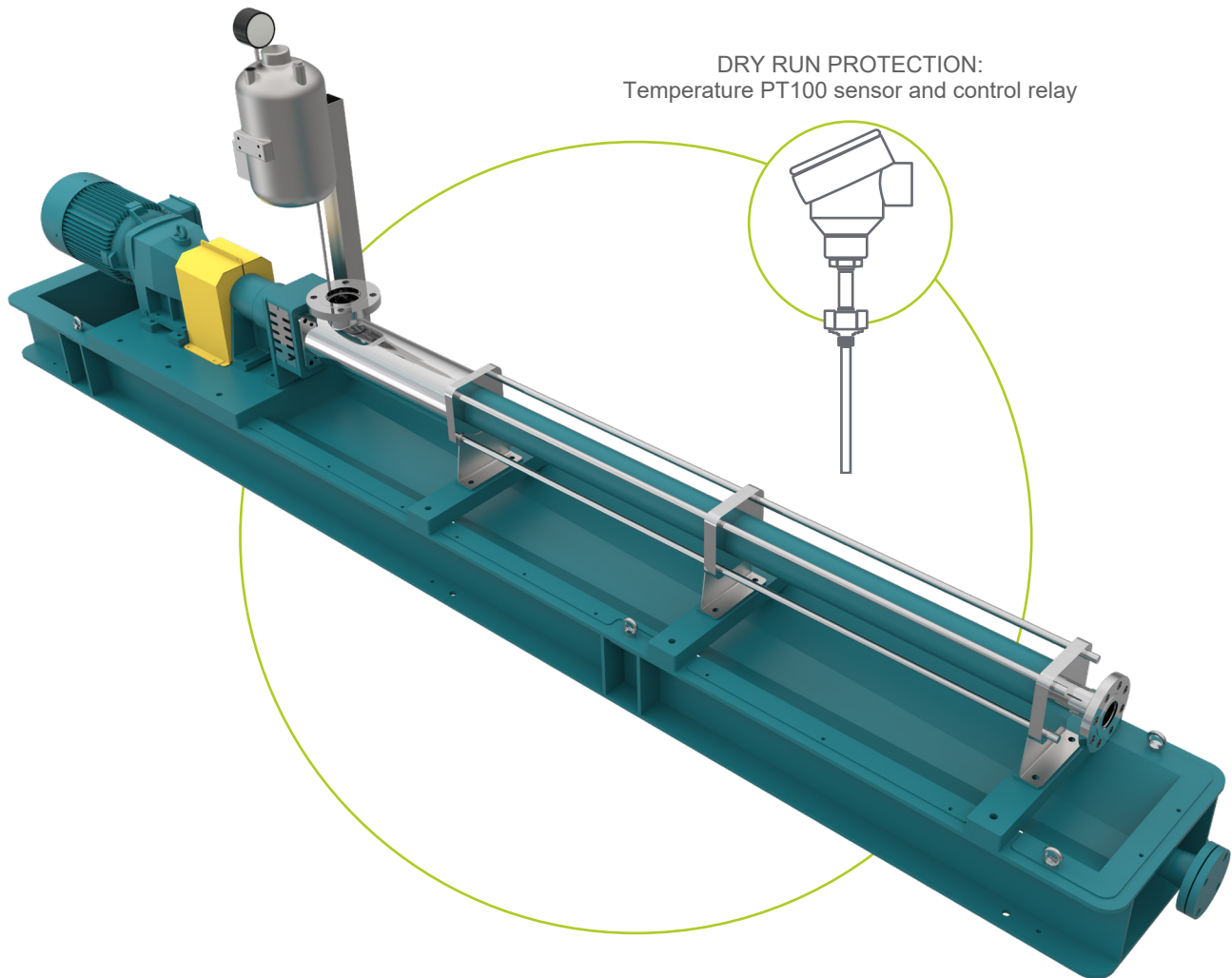


- Product group II - Category group 2 Ambient: Gases, vapours
- Protection principle. Type of protection "C" : high level
- Explosion group
- Temperature class
- Equipment protection level (EPL): Gb

API 676

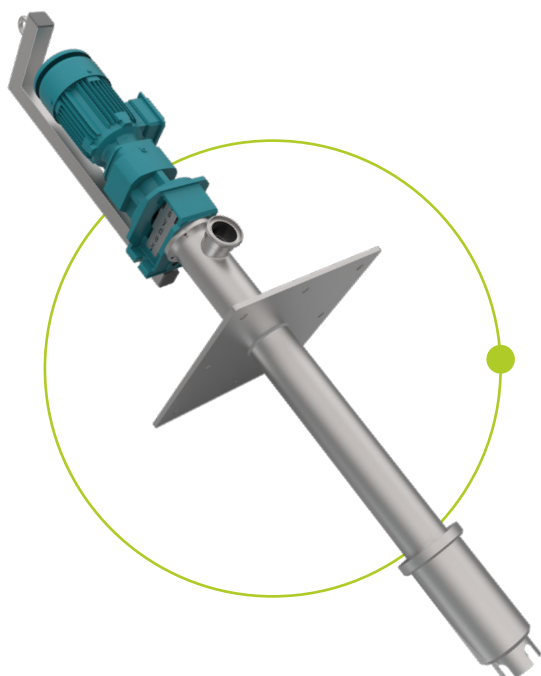
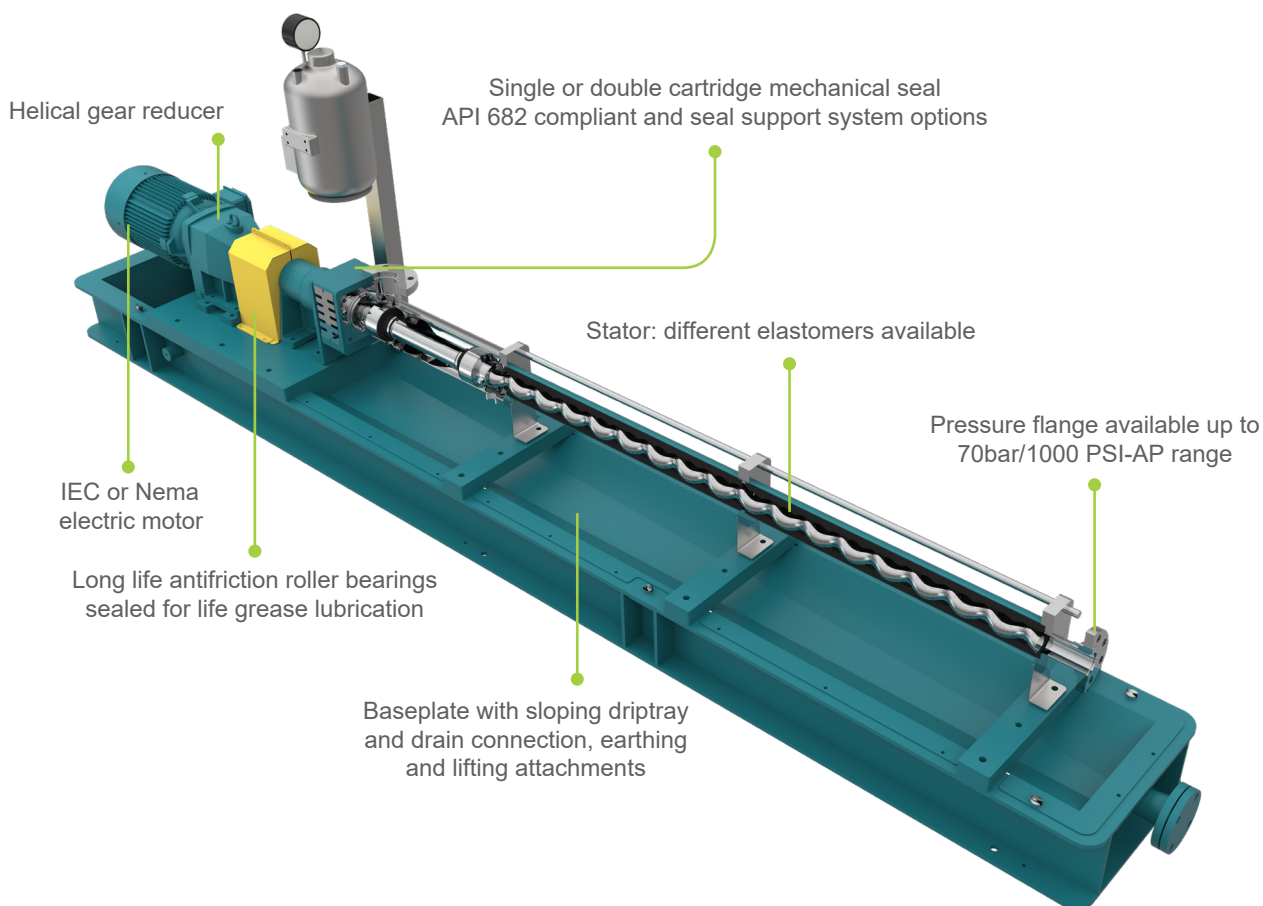
The American Petroleum Institute (API) sets standards for equipment, materials of construction, operating procedures and safe practice in the Oil and Gas industry.

Our pumps for Oil and Gas applications are designed to comply with API 676 requirements.



Advantages

- Gentle transfer of fluids with low shearing effect.
- Lowest NPSH.
- Effective handling of a large range of viscosities.
- Effective handling of fluids with suspended solids such and free gas.
- Easy maintenance.
- Reversible flow on request.
- Flow rate proportional to running speed.
- Super duplex stainless steel wetted parts.



The **vertical configuration** is ideal to suit the constraints of confined spaces, reducing the equipment footprint. They can be mounted on a drum, caisson or inside a tank, keeping the motor safe from any potential hazardous and/or corrosive environment. Our API 676 pumps are manufactured and tested to very high specifications.

Application fields

Flare knock-out drum pumps. Produced water pumps.
Low NPSH applications [high suction lift pumps].
Crude oil processing, drilling mud, waste chemicals, oil/water separation.

Sydex - A customer oriented company

As volumetric pumps manufacturer, Sydex designs, manufactures and markets progressing cavity pumps to transfer a multitude of Newtonian and non-Newtonian fluids, as well as grinders and conveyors. Sydex company was founded on the principles of quality management throughout all departments of the business, right through to total customer satisfaction, and the legendary reliability of our pumps.



Sydex is dedicated to providing the highest quality products and services that constantly meet or exceed customer expectations. The company's philosophy is that Quality assurance commences with the design of the product, and ends only when the customer obtains acceptable product function, perceived value and service. Sydex achieved TUV nord – ISO 9001:2015 quality certification in May 2007. In addition, our pumps can be provided with ATEX hazardous area certification by Eurofins.



Now with a true multinational organisation, the Sydex Group is continuing to represent technical excellence, quality, value and availability across the globe with:

-  SYDEX SRL in Italy - www.sydexump.com
-  TORQUEFLOW SYDEX LTD in Great Britain - www.torqueflow-sydex.com
-  SYDEX SINGAPORE PTE LTD in Singapore - www.sydexump.com
-  SYDEX FLOW in Portugal - www.sydexflow.com
-  SYDEX USA in United States of America - www.sydexump.com