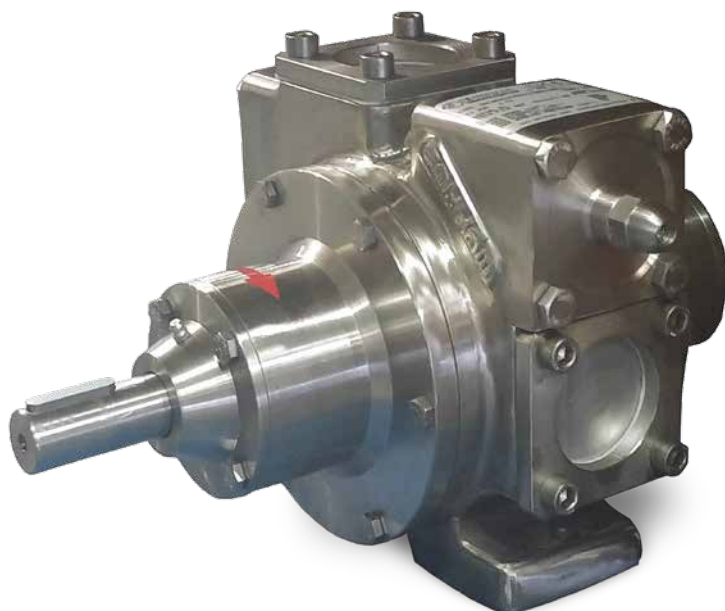


Product Brochure

SLIDING VANE PUMPS

Experience | Excellence | Flow



 **EMHKAM**
PUMPS

Sliding Vane Pumps

EMHKAM PUMPS produces a wide range of Sliding Vane Pumps, providing excellent reliability and durability with self-priming and dry-run capabilities. The best quality materials and robust construction allow seamless operation and create top-level performance, making them the top products for most clean liquid applications. Our products apply to various markets, including:

**chemical
processing**



oil and gas



energy



transport



**food and
beverage**



**military
and marine**





GMD Series

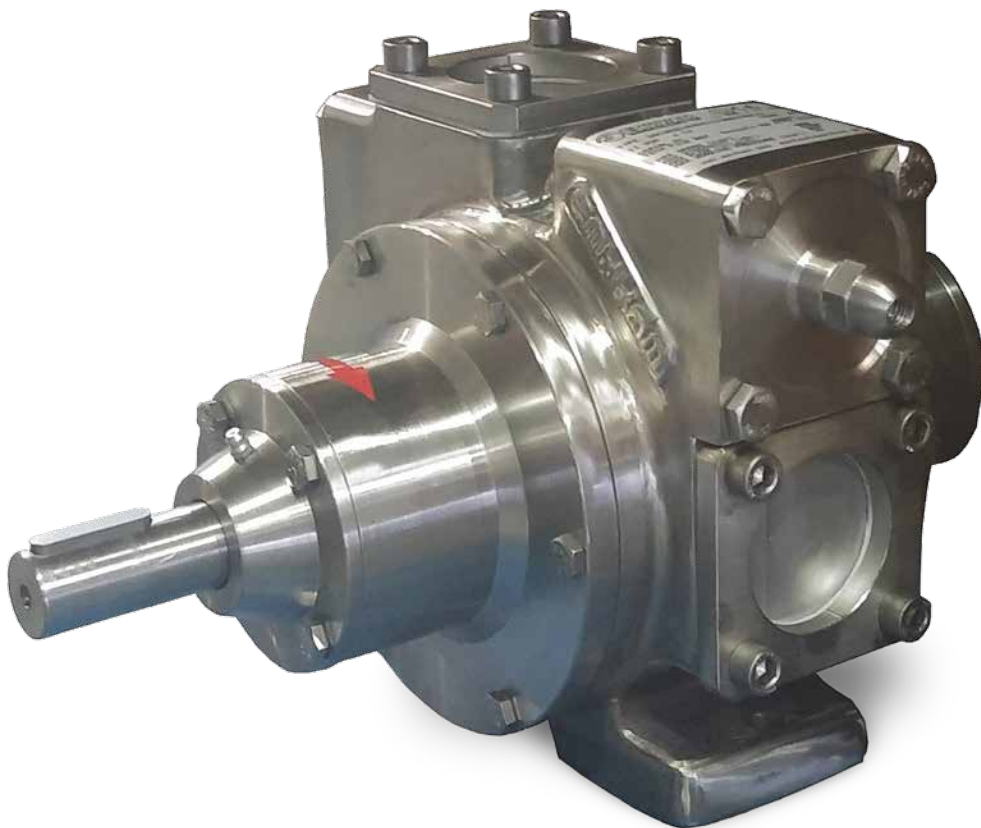
GMD series are cast iron and ductile iron pumps designed for high-volume silent pumping operations on tank trucks and pump station assemblies. Their self-priming and dry-run capabilities are ideal for pumping most fuels and chemicals. They are available in 2, 2.5, and 3-inch port sizes and are equipped with external ball bearings, a double-end shaft, and a built-in adjustable by-pass valve. Sizes 2 and 2.5 inches also have a two-way discharge ability.





SAC Series

SAC series are stainless steel Sliding Vane pumps constructed in SS316 and SS304 metals. They are designed for high-capacity flows of aggressive corrosive fluids, including AdBlue (DEF). They are available in 2, 2.5, and 3-inch port sizes and are equipped with external ball bearings, a double-end shaft, and a built-in adjustable by-pass valve. Sizes 2 and 2.5 inches also have a two-way discharge ability. EMHKAM SAC stainless steel pumps can be installed in pump stations and tank trucks.





SLD Series

SLD series are cast iron Sliding Vane pumps, designed with rotary lip seals in FKM and NBR (Buna-N) elastomers, external ball bearings, built-in adjustable By-pass valves and 2way discharge ability in 2 and 2.5inch port sizes for easy installation. They can pump a wide range of fuels and chemicals. The production sizes are 2, 2.5 and 3 inches, while most installations are on tank trucks.





GSL Series

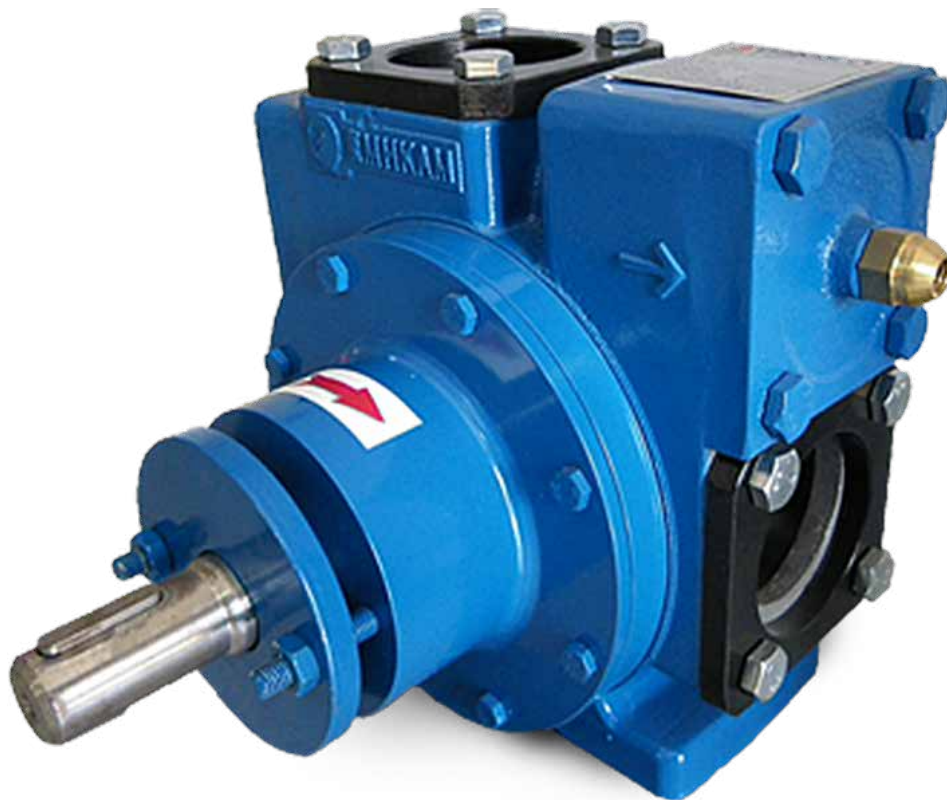
EMHKAM heavy-duty sliding vane pumps, GSL series, are constructed of GS-52 non-alloy cast steel. Designed for the high-level performance of demanding applications, they are ideal for pumping a wide range of fluids over extreme pressure and temperature conditions. They are available in 2, 2.5, and 3-inch port sizes and are equipped with external ball bearings, a double-end shaft, and a built-in adjustable by-pass valve. Sizes 2 and 2.5 inches also have a two-way discharge ability.





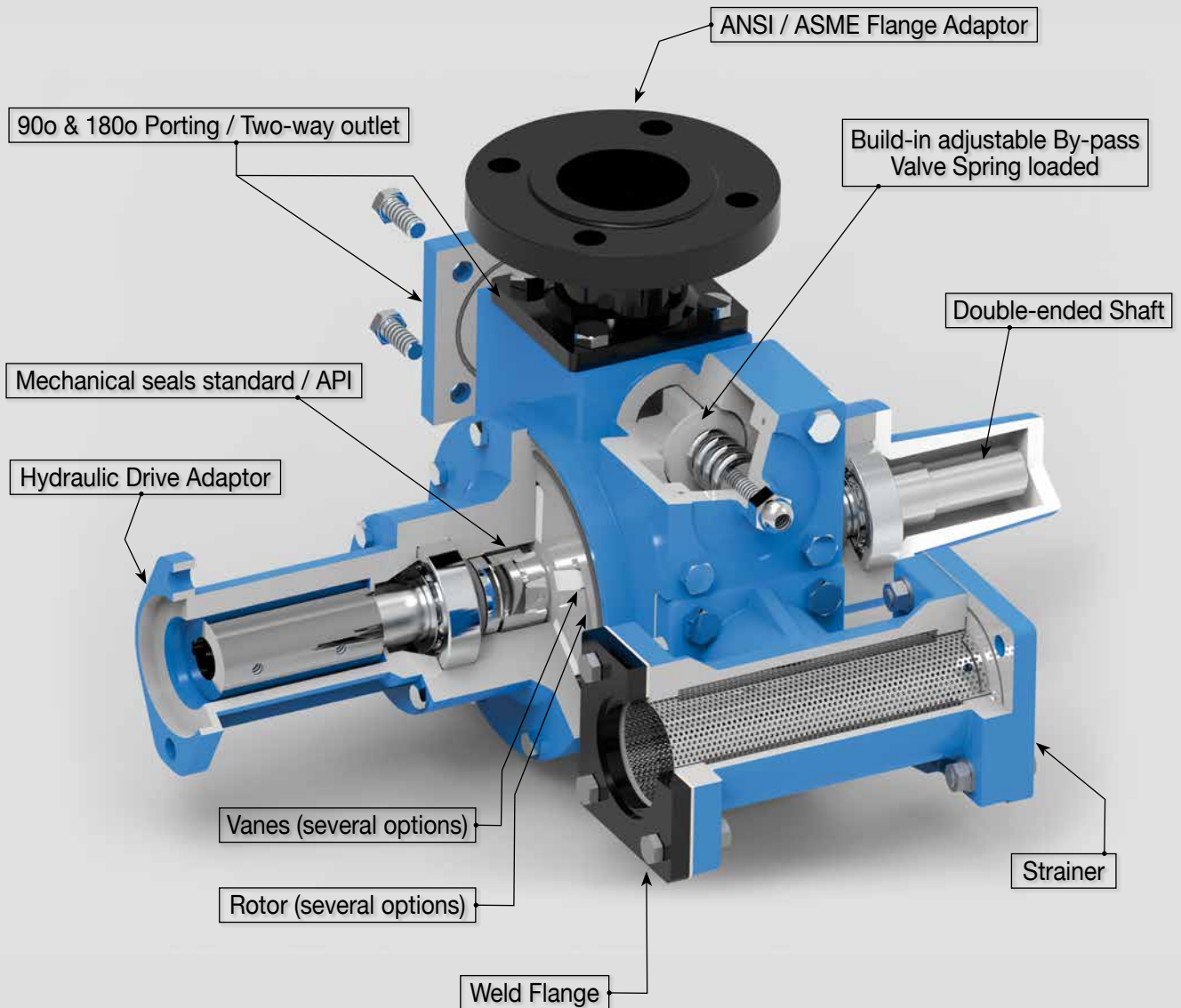
DNG Series

The DNG series are ductile iron pumps designed with packing glands and bush bearings in several options. The construction is excellent for pumping high-viscosity liquids while operating in high-pressure and temperature conditions. They are available in 2, 2.5 and 3-inch port sizes with built-in adjustable by-pass valves and 2way discharge ability for easy installation in 2 and 2.5-inch sizes. They are capable of pumping shear-sensitive liquids.



Features and Benefits of EMHKAM Sliding Vane Pumps

- Excellent self-priming capability with high suction lift.
- Easy maintenance procedures as vanes can be replaced on-site.
- Dry run capability.
- Vanes self-adjustment allows pumps to maintain flows while wear occurs.
- Built-in adjustable by-pass valve creates a wide range of flow rates and pressure adjustment.
- Two-way outlet ability and double-end shaft construction enables easy installation





API Sliding Vane Pumps | option

At EMHKAM PUMPS, we produce Sliding Vane pumps, applying API Standard 676 - Positive Displacement Pumps - Rotary with deviation list. Single or Double cartridge mechanical seals are installed. The API standard is applied to the SAC and GMD series.



Hydraulic Drive | option

GMD, SAC and SLD Sliding vane pumps are produced with an adapter for hydraulic motors. The hydraulic drive adapter is for the SAE flange connection, providing excellent alignment between the shafts of the pump and the hydraulic motor. The construction materials are ductile iron GGG40 and stainless steel SS316.

Double-end Shaft | option

Double-end shaft is available for GMD, SAC, GSL and SLD series. This construction allows sliding vane pumps to be mounted clockwise or counter clockwise.



Two-way Outlet | option

Two-way outlet ability is available for all EMHKAM Sliding Vane pump models in 2 and 2.5-inch port sizes. Choosing the top or side outlet port provides easy pump mounting and piping connection.



T-type Strainer | option

T-Type strainer is available for all EMHKAM Sliding Vane pump models in 2, 2.5 and 3-inch sizes. It can be installed directly on the pump or be mounted in any piping area. The construction materials are cast iron, ductile iron, and stainless steel.

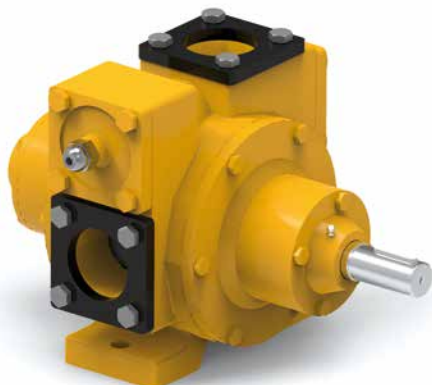


Flange

Flange connections available are weld, ANSI/ASME adaptors, NPT and BSPP.

Spring

Spring options according to the set-up of the pump and flow/pressure requirements.



Paint systems

Paint systems applied according to requirement for offshore and corrosive environments.



Certifications & Services

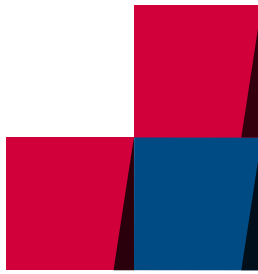
At EMHKAM PUMPS we produce highly reliable precision engineered products, applying a management system throughout the company meeting and exceeding the customer's expectations and securing the construction of high quality reliable and durable products.

The organization's main vision is to ensure the introduction of EMHKAM PUMPS's products to the international market through a global network, providing excellent quality services and focusing to a continuous developing procedure.

The below certifications and services are following our products:

- BS EN ISO 9001:2015 Quality management systems.
- Directive 2014/34/EU - equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)
- Directive 2006/42/EC - machinery directive
- PMI (Positive Material Identification)
- EN 10204 Inspection certificate 3.1
- Flow Test with Test Report
- Hydrostatic Test with Test Report
- NPSH Test
- Relief Valve Testing
- Pressurized Leak Tests
- General Arrangement (GA)/CAD Drawings
- In-Plant Inspection





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