

# Industrial LPG Pumps

Industrial Self-Priming LPG Pumps with  
anti-cavitation construction



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## GENERAL



Self-priming rotodynamic pumps with side channel and centrifugal impeller before the first stage, to pump LPG



### 3 Pump versions

- SKC
- SKD
- WHG

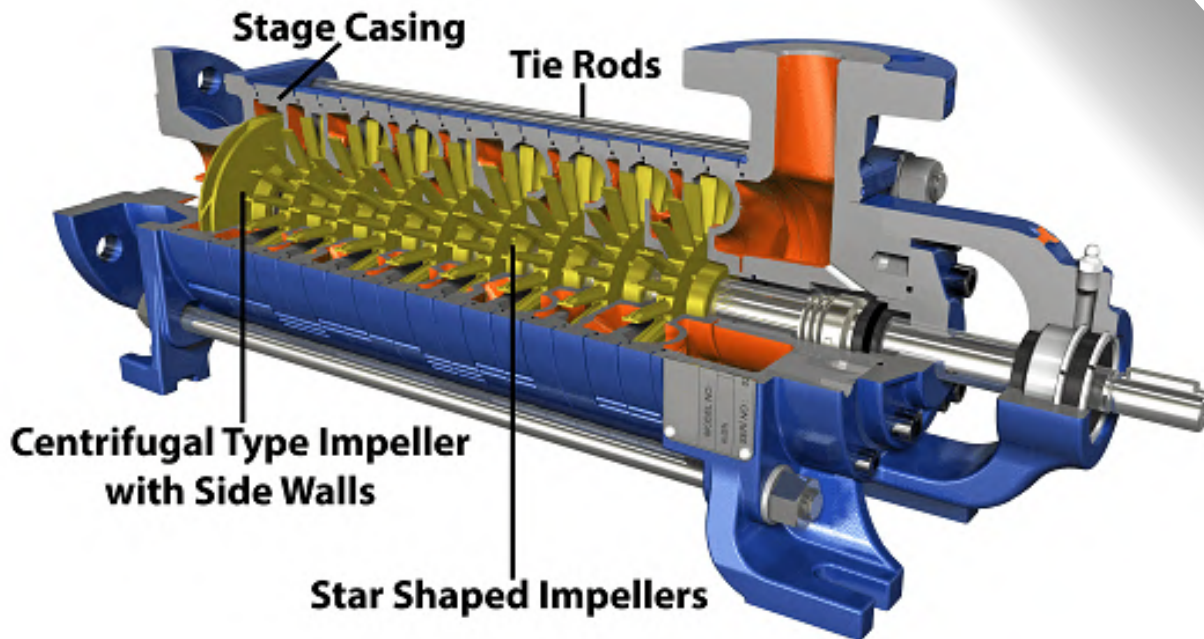
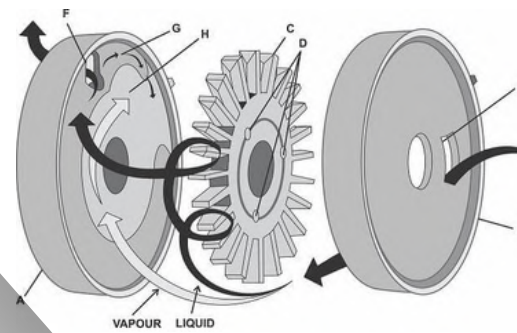


### Key Advantages

- High energy efficiency
- Wide operating range
- Good anti-cavitation properties
- Ability to self-prime the pumped medium
- Service-friendly - relatively uncomplicated construction



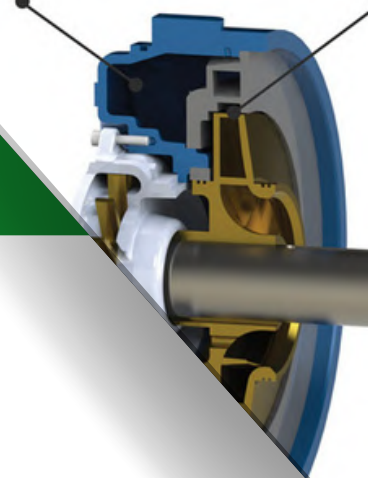
# SIDE CHANNEL PUMPS



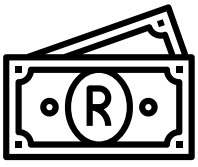
## HOW IT WORKS

- 01** Units contain multiple radial vane designed impellers with some models having the first impeller of closed design similar to a centrifugal pump having contains side walls. The pump looks similar to a multistage pump with each impeller housed within a stage casing held together by tie rods.
- 02** The fluid path enters the pumps inlet, where it comes into contact with a suction stage casing. It then passes through impeller vanes before exiting via the outlet port where it enters another ring section repeating the same process or exits the pump through the discharge.

Carrier liquid

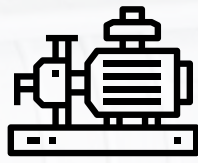


# ADVANTAGES



## Lower Cost

Higher pressures can be achieved by smaller motor powers. Smaller motors can obtain larger flow rates than other pumps



## Self-Priming

Pump priming is necessary but there is no need to prime its suction pipeline with liquid.



## Reliability

Many years of reliable operation and easy access to replacement parts if needed



## Full Range

Pump sizing options for all requirements  
From 12kg/min to 1300kg/min

# TYPES OF PUMPS

## SKC

Above Ground Tanks

- Up to 250kg/min

## SKD

Below Ground Tanks

- Up to 250kg/min

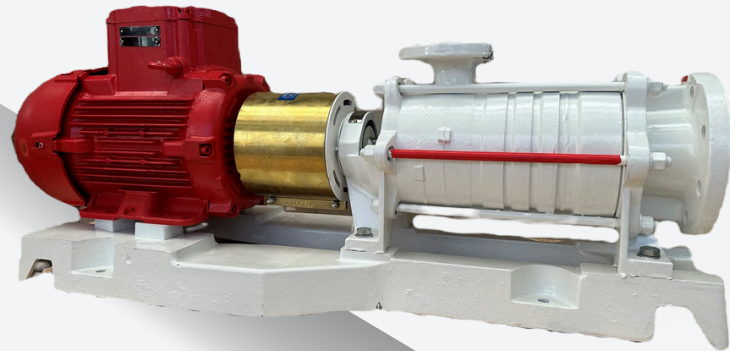
## WHG

Large Scale Industrial Filling Plants

- Up to 1300kg/min

# SKC

## ABOVE GROUND BULK TANKS

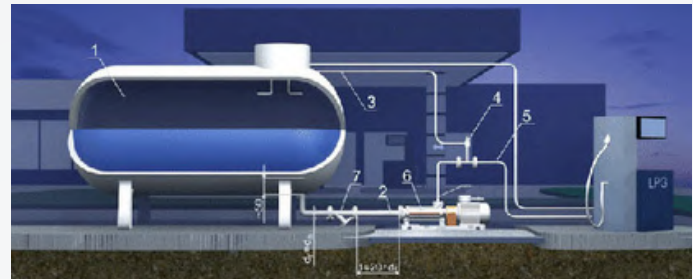


Designed for Above Ground Bulk Tanks



Wide Capacity Range  
14kg/min to 250kg/min

- Skid Mounted with motor
- Direct Coupling
- Flanged Connections
- Robust Design



# SKD

## BELOW GROUND BULK TANKS



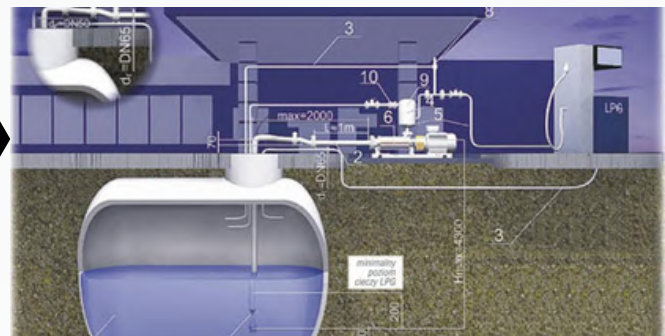
Designed for Below Ground Bulk Tanks

- Diffuser pipe on inlet line (*not on pump*, 20 pipe diameters away)



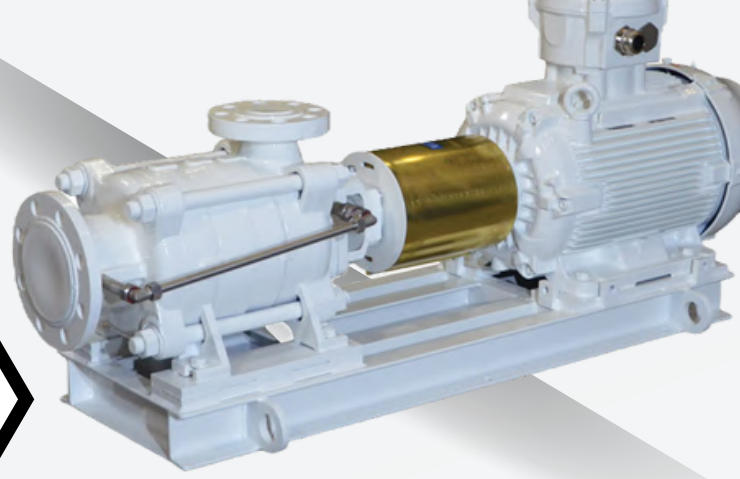
Wide Capacity Range  
14kg/min to 250kg/min

- Skid Mounted with motor
- Direct Coupling
- Flanged Connections
- Robust Design



# WHG

## LARGE SCALE FILLING

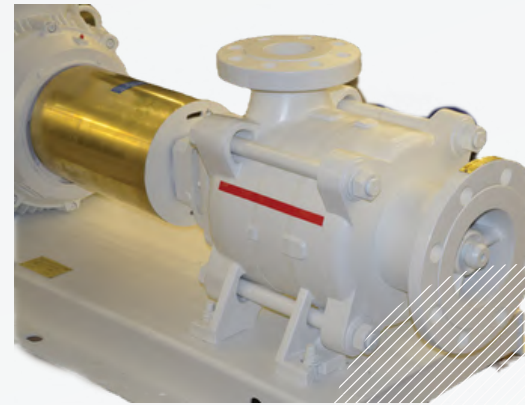


Designed refinery or large scale filling plants



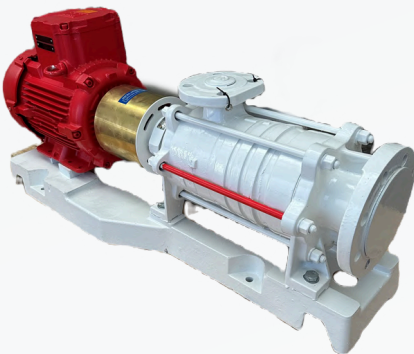
Large Capacity  
250kg/min to 1300kg/min

- Skid Mounted with motor
- Direct Coupling
- Flanged Connections
- Robust Design



## Common Pumps for SA

SKC 2



SKC 2 w/.75KW Motor  
14kg/min

SKC 5 (above ground)



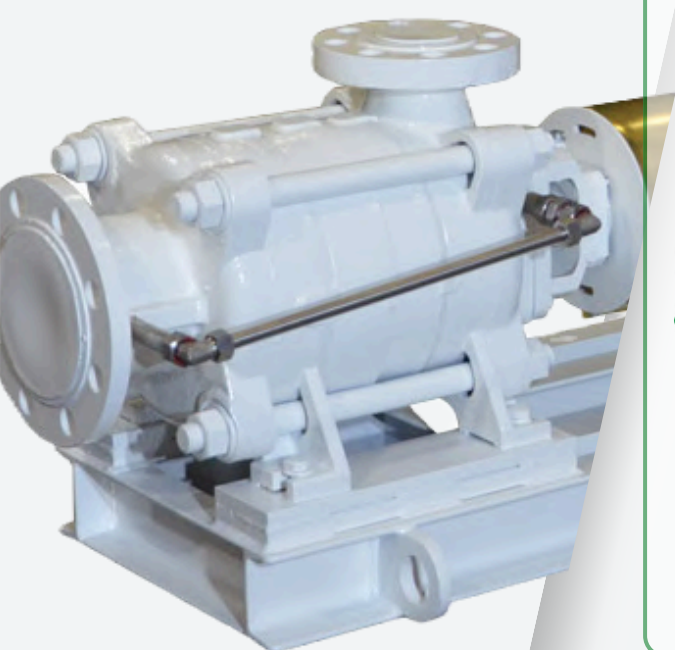
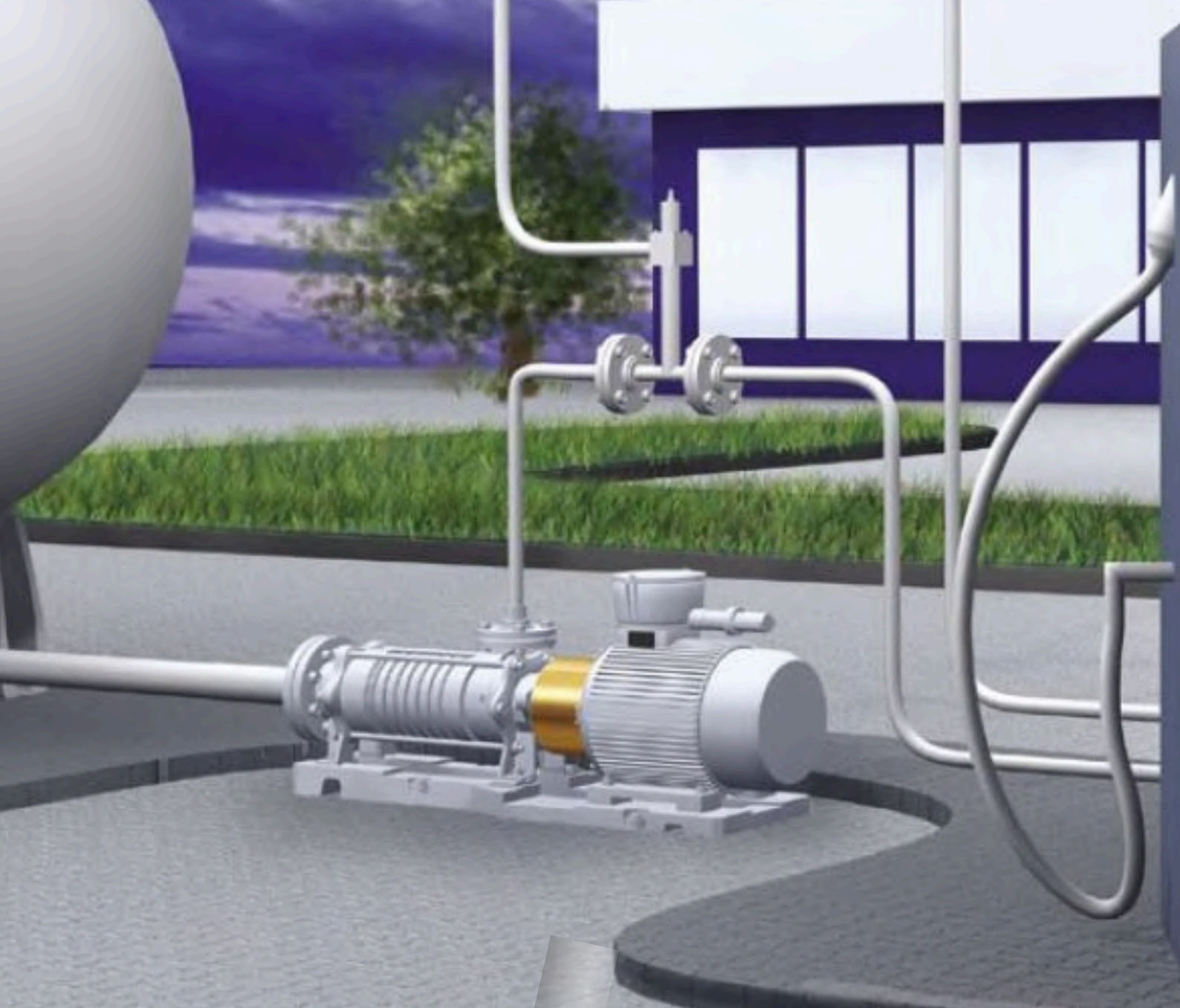
SKC 5 w/4KW Motor  
60kg/min

SKD 5 (below ground)



SKD 5 w/4KW Motor  
60kg/min

*\*click each pump to download data sheet*






## CONTACT

### Eyona Gas Cape Town

-  021 551-5699
-  [ct@eyonagas.co.za](mailto:ct@eyonagas.co.za)
-  no11 3rd Street Unit 4  
Montague Gardens



### Eyona Gas Gauteng

-  011 868-1494
-  [jhb@eyonagas.co.za](mailto:jhb@eyonagas.co.za)
-  13 Drakensberg Blvd  
Alrode South