

egendary Reliability

# Range G - Industrial pump







## **SYDEX PROGRESSING CAVITY PUMPS:**

Founded in 1999, Sydex has developed and extensive range of high quality and cost effective progressing cavity pumps. By being able to provide state-of-the-art-market-driven products, flexibility in providing customer-focused solutions, and unparalleled levels of service, we are experiencing rapid throughout the globe.



Block version



#### **G** Hopper

The new hopper has a innovative design that allows a wider throat.

### G Range:

Peculiar construction for an easier handling of very viscous matters.

A wide diameter of the screw feeder and the enlarged dimensions of the hopper give you an extremely high level of performance.

Effectiveness can be considered really higher than a traditional open throat style pump.

The range can be produced both in block couplingversion (max 6 mpedestal.

## Features:

Stable pump - low pulsation Delivery direction reversible Self-priming rate high ATEX version available Compact design and cost-efficient Easy maintenance and service Various rotor/stator geometries available Products with solids can be conveyed gently without damage.

Capacity: from 30 l/h up to 300 m3/h [0.132 usgpm up to 1.320 usgpm] Pressure: up to 48 bar [696 psig]

## Drive

First class geared motor, variable speed drives or frequency controlled drives, directly flanged to the pump with no additional coupling.

#### Joint

Large choice of materials and types available (universal joint, pin joint). The joint is sealed with elastomeric boot and lubricated with synthetic oil.

## Auger

**Typical fields of application** 

A Wider screw for enhanced performance and effectiveness.



**Enviromental and** energy Waste water treatment,

drinking water purification, renewable energies, biogas plant.



## Food and pharmaceutical

Beverages, wine, sugar, dairies, braweries, fish and meat processing, bakery products.



Oil and gas On and offshore oil production, oil transfer, petrochemicals, refineries.



Shipbuilding Conveying bilge water, drilling mud, treatment of waste, oil water separation.



Chemical, pulp and

paper Chemical industry, paper, cellulose and textil industry, paint and varnish.

## Industrial Pumps - Range G

## Housing bearing version Model: LG 052-2S

#### Rotor

Large choice of materials available: hardened tool steel, chrome plated treatment, stainless steel, SAF.

#### **Discharge flange**

Standard connection sized to ensure no "dead zones" and features to allow complete draining, essential when pumping sludges and slurries.



#### Mining

and anywhere the conveyed product is too viscous and with poor flowing properties to be pumped with other pumps.

#### **Stator**

Available in a wide range of materials (Nbr, Hypalon, Viton, etc).

Gaskets are an integral part of the stator. Corrosion of the stator tube is never a problem because the pumped liquid never comes into contact with the metal.

Your local authorized distributor:

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