

Suction lift operation for under ground tanks

TECHNICAL DATA

Output	:	max. 30 m³/h
Differential pressure	:	max 18 bar
Speed	:	max. 1800 rpm
Shaft sealing	:	standard mechanical seal seals mag.drive as option
Nominal pressure	:	PN 25
Tank volume	:	max. 200 m³
Suction lift	:	max 4 m
LPG	:	-100% propane -mixtures propane/butane with min. 20% propane
Temperature	:	-25 to 80°C (-40°C option)
Flange connections	:	DIN 2501 PN 25
Mat. design	:	EN JL 1040 (cast iron GG25) EN JL 1040 (nodular iron GGG40.3)
ATEX 94/9/EC	:	Ex II 2 G c T1-T5

APPLICATION

Loading from under ground tanks
Transfer

DESIGN

Sterling SIHI-side channel multistage pump plant with handling gas along with the liquid - low noise pumps with **NPSH inducer stage** are used for problem-free pumping of liquids at unfavourable suction side pumping conditions.

Type code:
PC 3607/7 L4 NB 1A A 01 (nodular iron GGG40.3)

Casing

Max. 40 bar from - 25 °C to + 80 °C
Casing pressure = inlet pressure + delivery head at minimum flow.

Please observe:

Technical rules and safety regulations.

Drive:

By commercial electric motors, type of construction
Flame proved IM B3. EEXE II T3
EEXD II B T4
EEXEe C II T4

Flanges:

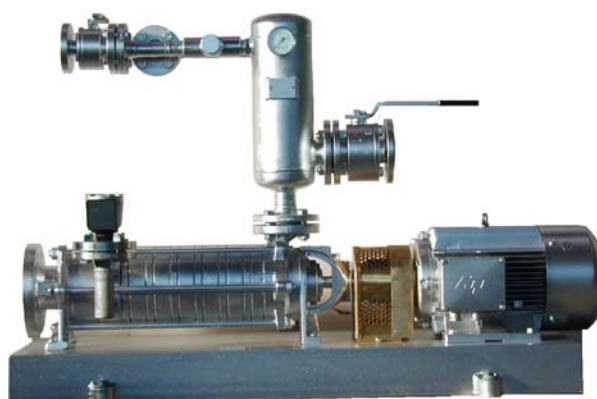
Suction flange axial, discharge flange pointing radially upwards. The flanges correspond to DIN 2535
Flange design to DIN 2512 with groove and drilled to ANSI 300 as well as BS. Table F, is possible.

Hydraulic:

Side channel hydraulic with NPSH inducer stage

Дистрибутор

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Bearing:

One grease-lubricated grooved ball bearing to DIN 625 and one liquid surrounded sleeve bearing.

Sense of rotation:

Anti clockwise, seen from the drive on the pump.

Shaft sealing:

Specially for LPG: AFU"
Sterling standard balanced mechanical for 40 bar



PC 3605/7 L4 NB 1A A 01 for car fillig

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