



Plunger Pumps

General specifications

Nominal capacity
115 - 10,620 ltr./h at 50 Hz

Materials
Product contacting parts
is stainless steel AISI 316

Working pressure
Up to 120 bar

Plunger diameter
10/15/55/60/68 mm

Valves
Conical or ball

Inlet
25/76.1 mm

Outlet
12/25/32/44.5 mm

Noise level
76 dB

Stroke
35/80/100 mm

Rpm
75/109 - 75/171 - 265
at 50 Hz

Shipping weight
140 - 1,825 kg

Our series of GS high-pressure plunger pumps are designed to maintain an ideal product flow. They are built to fit capacities ranging from 30 - 17,000 ltr/hour.

Sanitary Design. Our pumps meet the highest standards of hygiene and thus the strictest requirements in the food industry. All product parts subject to contact with food are crafted in AISI 316 stainless steel. Similarly, all packing materials are approved for use with food.

Minimal Noise. Each pump is mounted on adjustable feet built to withstand vibration. The motor is protected by a stainless steel cover, which is insulated to minimise noise. Noise levels never exceed 76 dB – even when the equipment is operating at maximum power.

Easy to Adjust. The pumps have variable capacities that are easily adjusted by a frequency inverter (optional). They are also equipped with both a pressure gauge and a pressure transmitter.

Simple Operation and Maintenance. Seals in the high-pressure plunger pumps need no lubrication other than the product itself. The plunger pumps are also designed for fast, simple servicing and maintenance, and easy CIP cleaning.

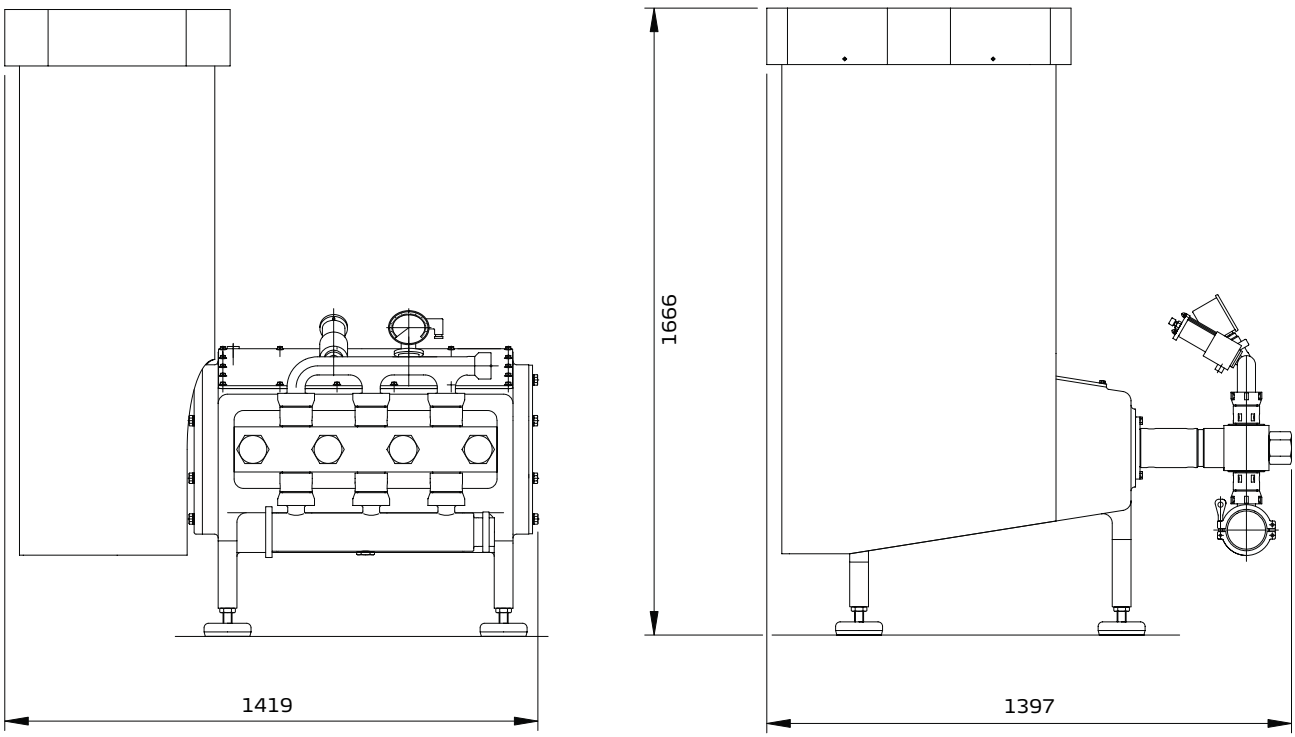
See further specifications on reverse side

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Plunger pump P-3-68/100

Plunger pumps	P-3-10/35*	P-3-15/35*	P-3-55/80	P-3-60/80	P-3-68/100
Nominal capacity (ltr/h) at 50 Hz					
- gear 1	115	255	2,475	2,900	4,795
- gear 2			3,600	4,200	7,000
- gear 3					10,620
- gear 1 rpm	265	265	75	75	75
- gear 2 rpm			109	109	111
- gear 3 rpm					171
Max. capacity (ltr/h) at 80 Hz with frequency inverter					
- gear 1	175	380	3,960	4,640	7,670
- gear 2			5,760	6,720	11,200
- gear 3					17,000
Motor kW	1.5	1.5	11 - 22	11 - 22	18.5 - 55
Max. working pressure bar	120	120	120	120	120
Max. design pressure bar	160	160	160	135	160
Plunger diameter mm	10	15	55	60	68
Valves	Conical/Ball	Conical/Ball	Conical/Ball	Conical/Ball	Conical/Ball
Inlet mm	25	25	76.1	76.1	76.1
Outlet mm	12/25	12/25	32/44.5	32/44.5	32/44.5
Noise level dB	76	76	76	76	76
Frequency inverter	Option	Option	Option	Option	Option
Shipping weight kg	140**	140**	1,300**	1,400**	1,800**

* for use at pilot plant
** approximately

All information on this data sheet is subject to change