

Metal
Gear

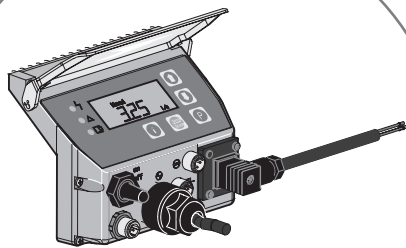
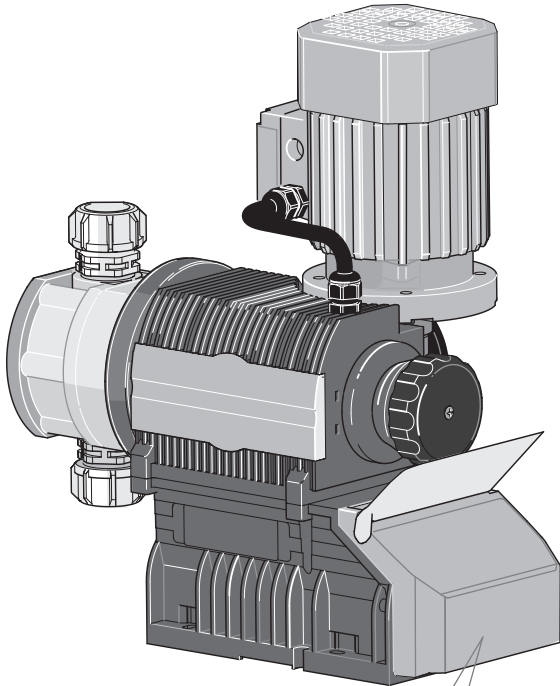
Chemical
resistant

Diaphragm
regulation

Flow up
130 l/h

Pressure
up 12 bar

Optional
multi-
functions



Control Module Type- Optional

Colberge SGA

The motor-driven metering pumps with mechanically actuated diaphragm SG series was designed in single or three phase versions. High resistances in aggressive medium, with housing build in PPE and PTFE surface diaphragm. Corrosion resistant metal and plastic housing is rated IP65.

The continuous course regulation of the diaphragm, is made by a eccentric principle variable system to provide continuous liquid and component motion to minimise the hydraulic and mechanical shocks.

Serie SGA has volumes up to 130 l/h and pressures up to 12 bar with liquid-end available in PVDF or 316 SS.

Control Module Type - Optional

The control model of SGA pump provide a combination of variable AC frequency combined with digital stroking control.

The functions are simply adjusted by using a five key program.

A LCD display and three front leds confirm, in an intuitive way the proper pump functioning with an alarm situation or any breakdown.

Standard Features

- External Pulses Control;
- Remote On/Off;
- Connection to Low Level Switch;
- Connections to Flow Control.

Optional Features

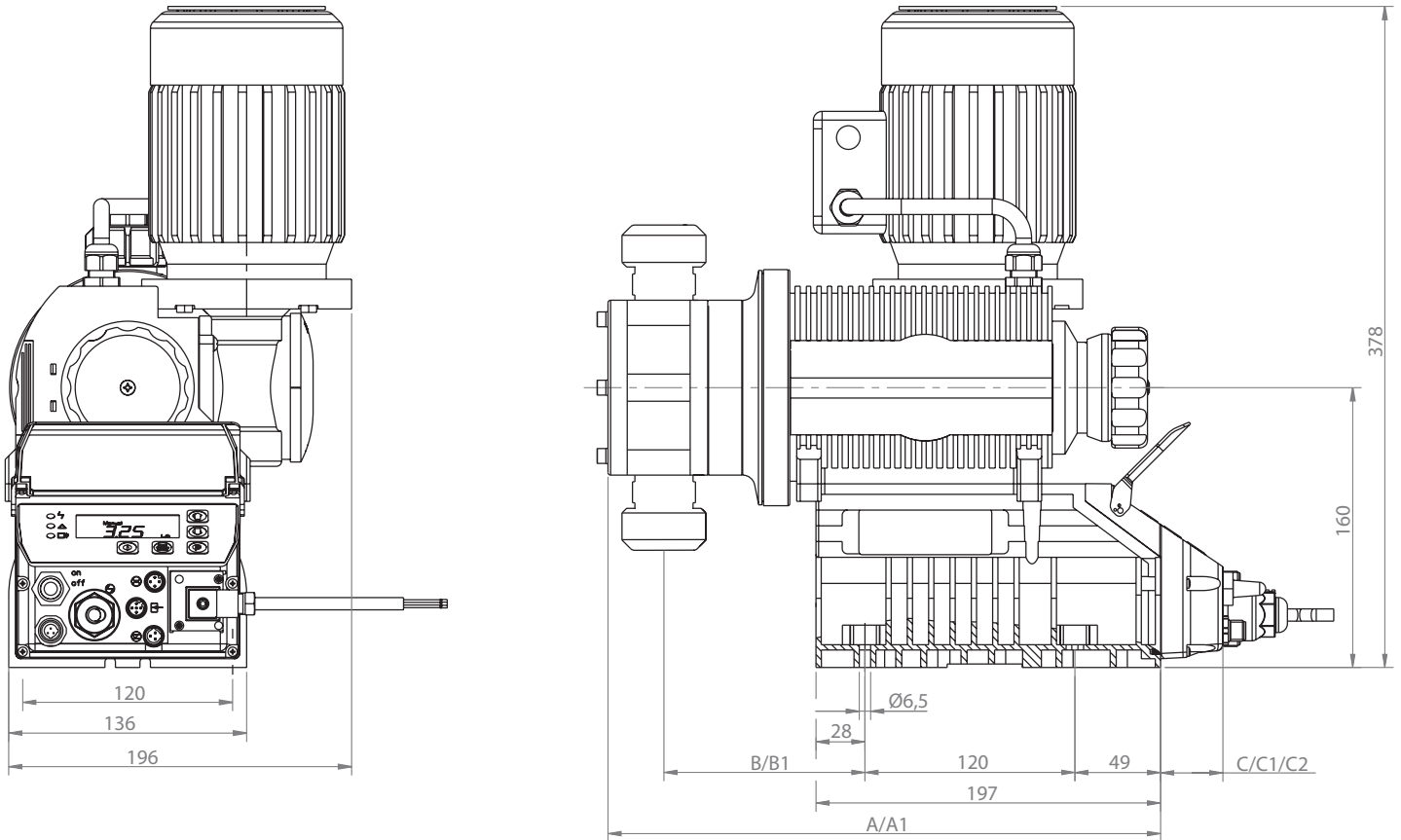
- Alarm Relay NO;
- Alarm Relay NC;
- Analog control signal (4-20 mA).

Optional accessories

- Foot Valves;
- Injection Valves;
- Back pressure Valves;
- Multifunction Valve;
- Suction Lances;
- Relief Valves;
- Flushing Assembly;
- Wall Mounting Bracket
- Pulsation Dampeners;
- Float Switch*;
- Flow Control*.

* Only for Control Module Type

Views / Dimensions



SGA Series

Model	Pressure	Flow*	Freq.*	Vol./Str.	Connections	Power	Current	Liquid end			Dimensions						
	bar	l/h	stroke/min	ml	G-DN	kW	△ / Δ	PVDF	AISI 316	H.V.	A	A1	B	B1	C	C1	C2
SGA-20	12	19	73	4	¾" DN10	0,09	0,39 / 0,70 A	322x	324x	325x	275	295	90	110	3	36	3
SGA-25	10	25	73	5,1	¾" DN10	0,09	0,39 / 0,70 A	332x	334x	335x	275	295	90	110	3	36	3
SGA-40	12	39	143	4	¾" DN10	0,09	0,39 / 0,70 A	322x	324x	325x	275	295	90	110	3	36	3
SGA-45	7	43	73	9,7	1" DN15	0,09	0,39 / 0,70 A	142x	144x	145x	285	305	95	115	3	36	3
SGA-50	10	49	143	5,1	¾" DN10	0,09	0,39 / 0,70 A	332x	334x	335x	275	295	90	110	3	36	3
SGA-60	10	56	200	4	¾" DN10	0,09	0,39 / 0,70 A	322x	324x	-	275	295	90	110	3	36	3
SGA-75	7	71	200	5,1	¾" DN10	0,09	0,39 / 0,70 A	332x	334x	-	275	295	90	110	3	36	3
SGA-90	4	90	143	9,7	1" DN15	0,09	0,39 / 0,70 A	142x	144x	145x	285	305	95	115	3	36	3
SGA-130	4	130	200	9,7	1" DN15	0,09	0,39 / 0,70 A	142x	144x	-	285	305	95	115	3	36	3

X = M - Single phase, T - Three phase, C - Single phase with strokes, C+An - Single phase with strokes + 4-20 mA.

* In the control module with an additional yield of 20%.