

Technical Data

gamma/ XL metering pumps with dosing heads for higher-viscosity media have a 10 – 20 % lower capacity and are not self-priming with all feed chemicals.
G 3/4 - DN 10 connector with d 16 - DN 10 hose nozzle.
All data calculated with water at 20 °C.

Pump type	Pump capacity at max. back pressure		Theor. stroke volume	Max. stroke rate	Nominal diameter	Suction lift*	Shipping weight	
	bar	l/h	ml/stroke	Strokes/min		m WC	NPE, NPB, PVT	SS
							kg	kg
* Suction lift with a filled dosing head and filled suction line, with a self-bleeding dosing head with air in the suction line.								
** 25 bar variant only available with a NP or SS dosing head material.								
*** With stainless steel design, 6 mm connector width.								
Metering pumps with non-self-bleeding dosing head								
GXLa 2508	25 **	7.5	0.63	200	8 x 4 mm ***	5	10	11
GXLa 1608	16	7.8	0.65	200	8 x 5 mm ***	5	10	11
GXLa 1612	16	12	1	200	8 x 5 mm	6	10	11
GXLa 1020	10	19.6	1.63	200	12 x 9 mm	5	10	11
GXLa 0730	7	29.4	2.4	200	12 x 9 mm	5	10	11
GXLa 0450	4	49	4.08	200	G 3/4 - DN 10	3	10	11
GXLa 0280	2	78.5	6.54	200	G 3/4 - DN 10	2	10	11
Metering pumps with self-degassing dosing head (dosing head design 7)								
GXLa 1608	10	7	0.6	200	8 x 5 mm	1.8	10	-
GXLa 1612	10	10	0.8	200	8 x 5 mm	1.8	10	-
GXLa 1020	10	15	1.25	200	12 x 9 mm	1.8	10	-
GXLa 0730	7	27.5	2.3	200	12 x 9 mm	1.8	10	-

Materials in Contact with the Medium

Identity code of material	Dosing head	Connection on suction/discharge side	Ball seat	Seals	Balls
PVT	PVDF	PVDF	PVDF	PTFE	Ceramic
NPT	Clear acrylic	PVDF	PVDF	PTFE	Ceramic
NPE	Clear acrylic	PVC	EPDM	EPDM	Ceramic
NPB	Clear acrylic	PVC	FKM A	FKM A	Ceramic
SST (8 - 12 mm)	Stainless steel 1.4404	Stainless steel 1.4404	Ceramic	PTFE	Ceramic
SST (DN 10)	Stainless steel 1.4404	Stainless steel 1.4404	Carbon-filled PTFE	PTFE	Ceramic

Connectors

Plastic	8 – 12 mm	Hose squeeze connector d16 DN 10 hose sleeve
	DN 10	
Stainless steel	6 – 12 mm	Swagelok system Rp 3/8 insert
	DN 10	

- Metering diaphragm with PTFE coating.
- Repeatability of metering ±1% when used in accordance with the operating instructions.
- Permissible ambient temperature –10 °C to 45 °C.
- Mean power consumption 78 W.
- Degree of protection IP 66, insulation class F.

Scope of supply

Metering pump with mains cable, connector kit for hose/tube connector as per table.