



MOTOR DRIVEN METERING PUMPS

META D

The product flow range from 108 - 790 l/h, 12 - 3 bar, Control method Stroke length adjustment range : 0~100% (the best adjustment range is 30~100%), Speed reducing ratio : 2 kinds of ratio, Metering precision: Better than ±2%.

Motor :

- 3ph: 230V/400V, 50H
- 3ph: 230V/400V, 50Hz, IE3, speed control range 1: 5
- Variable speed motor 3ph: 230V/400V, speed control range 1: 5, with PTC&220V external fan
- Explosion-proof motor: 380V, 50Hz (only for SST and TTT liquid end)
- Explosion-proof variable speed motor:380V, speed control range 1: 5, without PTC& external fan (only for SST and TTT liquid end)



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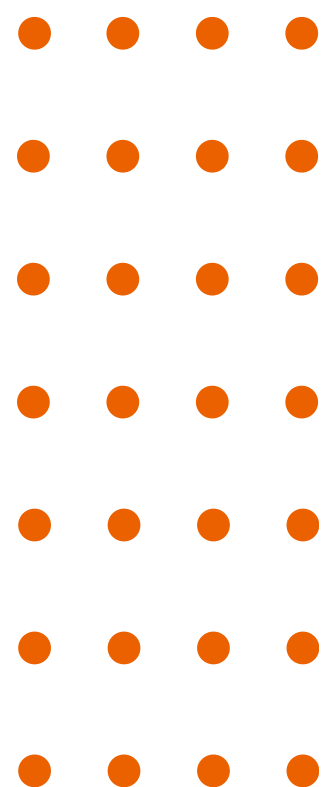
Technical Data & Materials for Motor Driven Metering Pump- Meta D

Meta D ,1500rpm,380V,50Hz

Type	Pump capacity at max. back pressure		Max. stroke frequency		Suction lift	Admissible pressure suction side	Connection size	Shipping weight	Motor power
	bar	l/h	ml/stroke	strokes/min	m Wc	Bar	G-DN	KG	kW
12108	10/12**	108	15	120	5	2.8	1 1/4 20	18/23**	0.18
12130	10/12**	130	15	144	5	2.8	1 1/4 20	18/23**	0.18
10216	10	216	30	120	3	1.3	1 1/4 20	21/26**	0.37
10260	10	260	30	144	3	1.3	1 1/4 20	21/26**	0.37
05440	5	440	61	120	2	0.5	1 1/2 25	24.5/32**	0.37
05530	5	530	61	144	2	0.5	1 1/2 25	24.5/32**	0.37
10330	10	330	46	120	3	1.3	1 1/4 20	21/26*	0.37
09395	9	395	46	144	3	1.3	1 1/4 20	21/26*	0.37
03662	3	662	92	120	2	0.5	1 1/2 25	24.5/32**	0.37
03790	3	790	92	144	2	0.5	1 1/2 25	24.5/32**	0.37

Materials in Contact with The Medium

Material type	Dosing head	Suction/ discharge connector	Seals	Valve ball	Valve seat
PP	Polypropylene	Polypropylene	EPDM	Borosilicate glass	PP
PC	PVC	PVC	EPDM	Borosilicate glass	PVC
SST	Stainless steel	Stainless steel	PTFE	Stainless steel	PTFE





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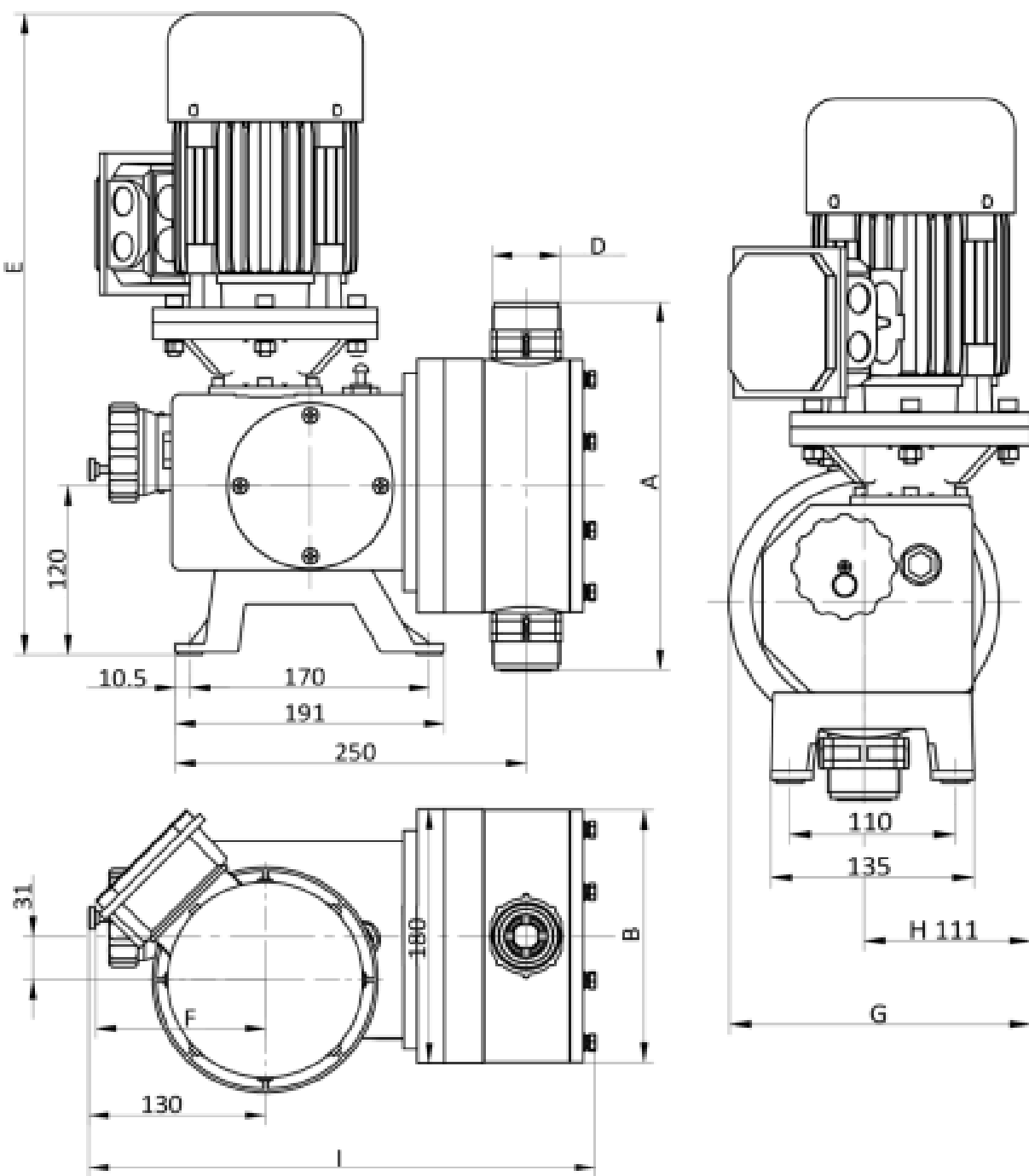
Working condition

- Protection degree: IP55
- Ambient temperature: -10°C - 40°C

Permissible maximum temperature for parts in contact with medium:

Dosing head material	Long running on rated back pressure	Not exceed 15 minutes on maximum back pressure
PP	50°C	100°C
PC	45°C	60°C
SST	50°C	120°C

Dimensional Drawing



Power (kW)	Dimension (mm)	3ph motor	Variable Frequency motor	EX-motor
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Pump type: 12108/12130

0.18	E	421	-	441
	F	114	-	114
	G	175	-	175
	H	92	-	92
0.37	E	-	531	-
	F	-	120	-
	G	-	200	-
	H	-	111	-

Pump type: 10216/10260/05440/05530/10330/09395/03662/03790

0.18	E	455	548	528
	F	120	120	114
	G	200	200	200
	H	111	111	111

Pump type	Liquid end	A	B	C	D	I
12108/12130	FM-130	220	145	227	G1 1/4 DN20	357
10216/10260/10330/09395	FM-260	220	145	227	G1 1/4 DN20	357
05440/05530/03662/03790	FM-530	260	180	281	G1 1/2 DN25	365

Unit : mm

