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Технические характеристики на дозирующие насосы LVH, LTM, LTM, LXB, LWD компании **Mono**

Dosing Pump

Features & Benefits

Capacity	5 - 1250 l/h / 0.02 - 5.50 USGPM
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Pressure	up to 72 bar / 1044 psi
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Temperature	up to 120°C / 248°F (stainless steel models)
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Typical applications include:

- Acids, alkalis
- Sludge dewatering
- Food ingredients
- Brewing, winemaking
- Chemical processing
- Process mining
- Dyes, inks
- Flocculants
- Cosmetics
- Oil well dosing

“Designed for low flow, metering or dosing applications - offering continuous and accurate repeatability.”



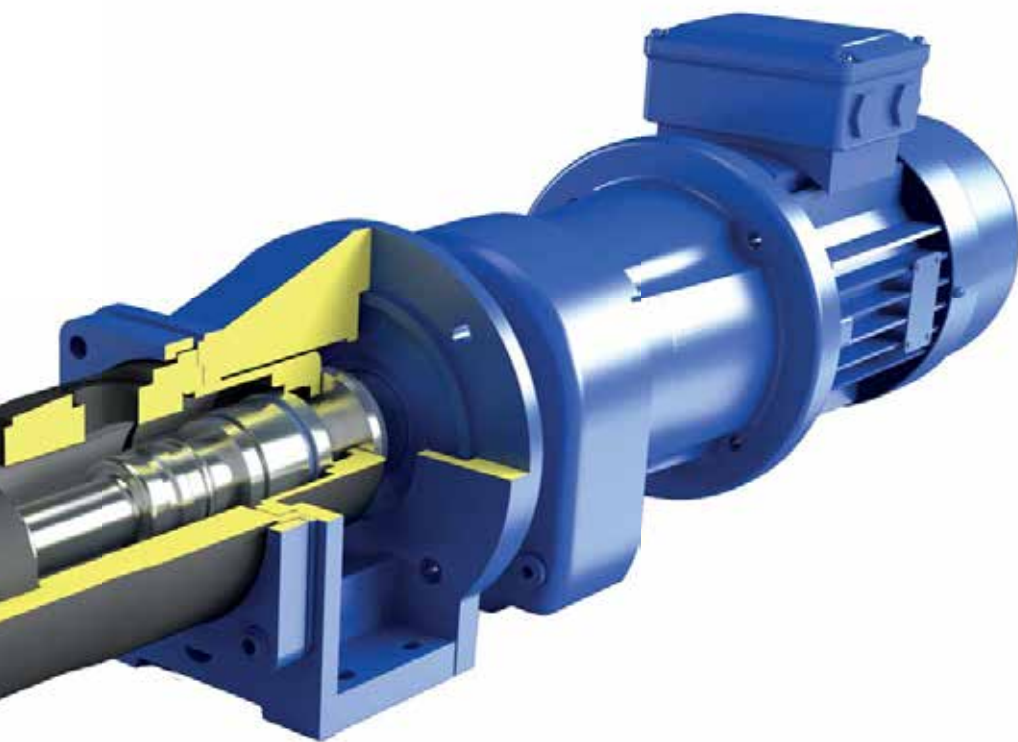
Materials of construction

All pump components, except the body, coupling rod and suction chamber are supplied in stainless steel. The suction chamber is manufactured in high density polyethylene.

The end cover and mechanical seal housing is in PVDF. For severe chemical environments, internal pump components are supplied in Hastelloy.

Resilient Stator

Flexible in operation and high resistance to wear. Available in a variety of materials, allowing a wide range of products to be pumped.



Flow meter

Available as an option for flow or temperature monitoring, up to 72 bar.

Gentle pumping action

Minimises shear and crush damage to the pumped product. No pulsation or emulsification.

Coupling Rod Design

New Mono design offers higher pressure capabilities, up to 72 bar.

Robust drives

Specially selected drives and gearboxes for longer life. Options include fixed or variable speed drives with mechanical variable speed or frequency inverter.

Interchangeable components

A number of Dosing pump parts are interchangeable with the small Compact C Range, reducing inventory holding.

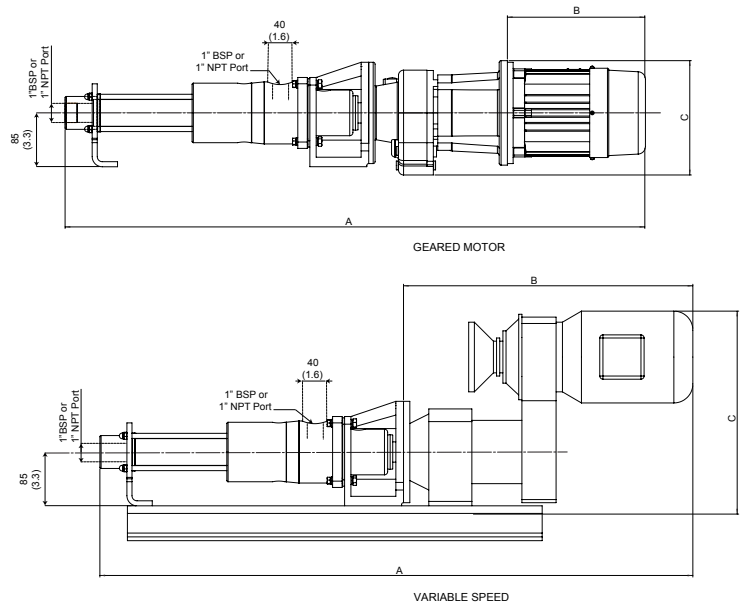
Sealed joints

Fully sealed drive train to maximise life and minimise downtime.

Handles gas entrainment

No air or gas locking in the pump. The positive seal formed by the interference fit between rotor and stator enables the pump to self prime and it also allows tri-phase liquids i.e. solids, gases and liquids to be handled easily.

Product Dimensions



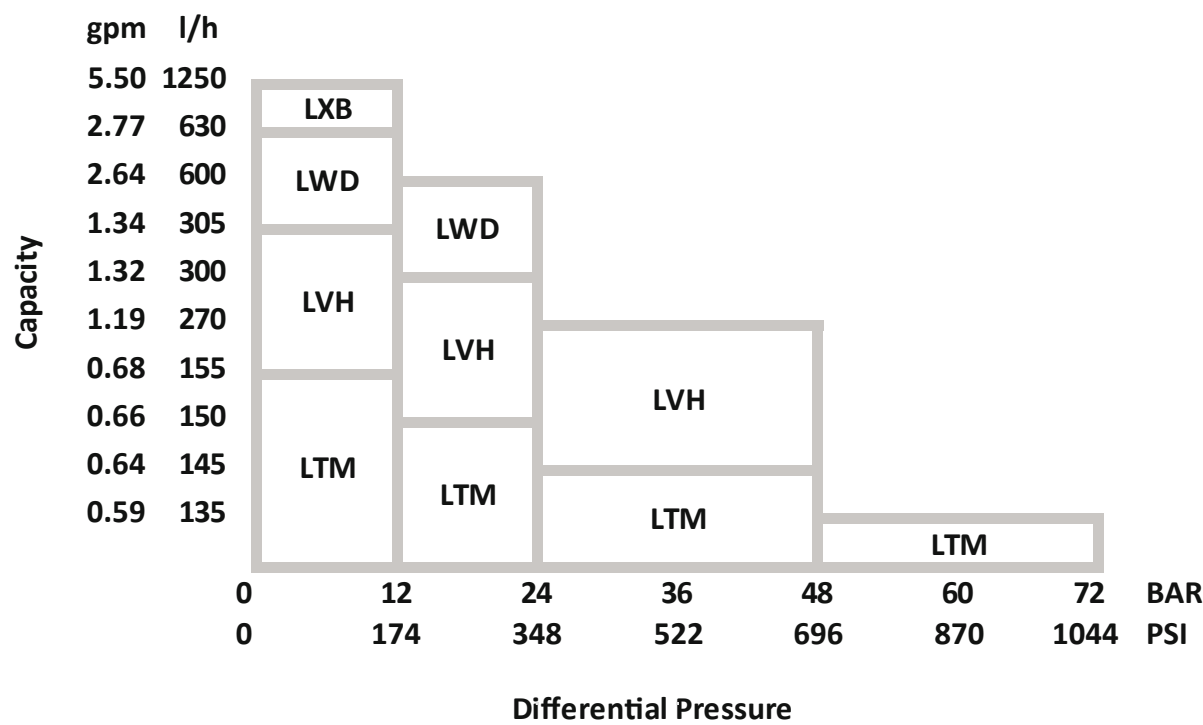
DRIVE VARIATION	PUMP MODEL	POWER		REF	A		B		C	
		kW	HP		MM	INCHES	MM	INCHES	MM	INCHES
GEARED MOTOR	LXB	0.37	0.50	DA	803	31.6	323	12.7	168	6.6
	LWD									
	LVH	0.55	0.74	DA	940	37.0	340	13.4	178	7.0
	LTM									
	LVH	0.37	0.50	DB	863	33.9	323	12.7	168	6.6
	LTM	0.55	0.74		940	37.0	340	13.4	178	7.0
	LVH	0.37	0.50	DY	932	36.7	332	13.1	225	8.8
		0.55	0.74		957	37.7	357	14.1	225	8.8
	LTM	1.1	1.47	DZ	998	39.3	398	15.7	225	8.8
		0.37	0.50		932	36.7	332	13.1	225	8.8
VARIABLE SPEED	LXB	0.37	0.50	EA/EC	937	36.8	457	17.9	306	12.0
	LWD				1027	40.4	487	19.1	340	13.4
	LVH									
	LTM									
	LXB	0.55	0.74	EB/ED	937	36.9	457	17.9	306	12.0
	LWD				1027	40.4	487	19.1	340	13.4
	LVH									
	LTM									

MODEL	PUMP WEIGHT Kg (lb)	
	MOTORISED	
LTM	15 Kg (33 lb)	
LVH		
LWD		
LXB		

Weights are for guidance only. Please contact Mono for further assistance.

All dimensions are a guidance only.
For full certified drawings or assistance in selecting a pump, please contact Mono.

Performance Data



For guidance in selecting a pump, please contact Mono.

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