

Safety

Economy

Diversity

Environment



The New Lutz B2 Vario

From the laboratory to the production



The new Lutz B2 Vario Pump comes with more features and benefits to meet the needs of working in clean and quiet environments. The speed-controllable motor and the new nozzle in the set version permits small quantities of liquids to be transferred safely and quietly. The modular construction permits effortless servicing without special tools.



Feature	Function	Benefit
Speed controller	Flow regulation	Spillage and waste reduction
Light weight	Mobility	Easy to lift and carry
Refined air flow	Noise reduction	Quiet operation
Modular design	Simplifies construction	Easy to service and maintain
Mixed flow impeller and diffusor	Improved hydraulics	Better efficiency and maximum emptying
Lower bearing support assembly	Supports shaft	Minimises shaft deflection
Guide bushing in ETFE	Minimises shaft deflection	Increases shaft life
High chemically resistant plain bearing	Supports and protects shaft	Increased reliability
Replaceable pump foot in PVDF	Houses impeller assembly	Protects pump from high impacts
U Type metal retainer	Secures motor and pump tube and provides quick release	No screws required for disassembly
Sealless design	No mechanical seal	No risk of dry running

Lutz Drum and Container Pumps

B2 Vario (polypropylene or stainless steel)



Materials (coming into contact with the pumped medium)

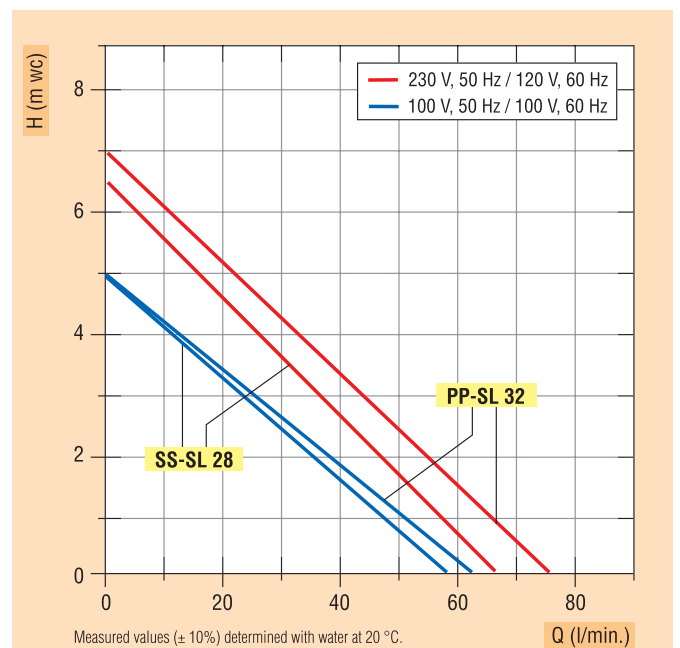
	Lutz B2 Vario PP-SL	Lutz B2 Vario SS-SL
Housing:	PP/PVDF	Stainless steel (1.4571)
Impeller:	PP	ETFE
Seals:	none	none
Mechanical seals:	none	none
Bearing:	ETFE/PTFE	ETFE/PTFE
Drive shaft:	Hastelloy C	Stainless steel (1.4571)

NEW

- 1 Ultra quiet variable speed motor with safety cut-out
- 2 Ergonomically designed handles
- 3 Direct coupled motor for easy servicing
- 4 Hanger for nozzle
- 5 Chemically resistant plain bearing
- 6 Modular design sealless pump tube with improved hydraulics
- 7 Replaceable pump foot



IP 24



Lutz B2 Vario (polypropylene or stainless steel)

for the laboratory and research sector

Pump		Lutz B2 Vario PP-SL 32			Product detail
Drive motor		Universal motor, on/off switch with variable speed controller, double insulated on protection class II, protection class IP 24, with integrated motor protection switch, 3 m connection cable			
Motor	Voltage	100 V	120 V	230 V	
	Power	180 W	180 W	200 W	
	Frequency	50 Hz/60 Hz	60 Hz	50 Hz	
Material:	Pump tube	PP	PP	PP	
	Impeller	PP	PP	PP	
Type of Impeller		R	R	R	
Category 1 / 2 (acc. to Atex 100a)		no	no	no	
Immersion tube diameter: up to mm		32	32	32	
Hose connection:	Nominal diameter mm	19	19	19	
	Outer thread	G 1	G 1	G 1	
Delivery rate*	up to l/min.	62	72	75	
Delivery head*	up to m wc	5	6.8	7	
Temperature of medium:	up to °C	- 15 up to + 50	- 15 up to + 50	- 15 up to + 50	
Viscosity**	up to mPas	300	300	300	
Density	up to kg/dm ³	1.3	1.3	1.3	
Weight (kg)	motor + pump tube	2.2 - 2.5	2.2 - 2.5	2.2 - 2.5	
Length: 500 mm	Order No.	0201-523	0201-520	0201-500	
Length: 700 mm	Order No.	0201-524	0201-521	0201-501	
Length: 1000 mm	Order No.	0201-525	0201-522	0201-502	

* Determined with water at 20 °C ** Determined with oil Special lengths, other voltages and frequencies on request.

Pump		Lutz B2 Vario SS-SL 28			Product detail
Drive motor		Universal motor, on/off switch with variable speed controller, double insulated on protection class II, protection class IP 24, with integrated motor protection switch, 3 m connection cable			
Motor	Voltage	100 V	120 V	230 V	
	Power	180 W	180 W	200 W	
	Frequency	50 Hz/60 Hz	60 Hz	50 Hz	
Material:	Pump tube	Stainless steel 1.4571	Stainless steel 1.4571	Stainless steel 1.4571	
	Impeller	ETFE	ETFE	ETFE	
Type of impeller		R	R	R	
Category 1 / 2 (acc. to Atex 100a)		no	no	no	
Immersion tube diameter: up to mm		28	28	28	
Hose connection:	Nominal diameter mm	19	19	19	
	Outer thread	G 1	G 1	G 1	
Delivery rate*	up to l/min.	58	65	68	
Delivery head*	up to m wc	5	6.5	6.5	
Temperature of medium:	up to °C	- 15 up to + 90	- 15 up to + 90	- 15 up to + 90	
Viscosity**	up to mPas	300	300	300	
Density	up to kg/dm ³	1.3	1.3	1.3	
Weight (kg)	motor + pump tube	2.9 - 3.5	2.9 - 3.5	2.9 - 3.5	
Length: 500 mm	Order No.	0201-543	0201-540	0201-510	
Length: 700 mm	Order No.	0201-544	0201-541	0201-511	
Length: 1000 mm	Order No.	0201-545	0201-542	0201-512	

* Determined with water at 20 °C ** Determined with oil Special lengths, other voltages and frequencies on request.

Lutz Pump Sets

Ready for action



Set 1



Pump set consisting of:

Pump, Lutz-nozzle,
2 x hose clips 3/4",
1.5 m PVC hose 3/4",
wall bracket



Set 2



For acids and alkalis

For acids and alkalis		
Set 1	Lutz B2 Vario PP-SL 32	Order- No.
	Imm. depth: 500 mm	0205-020
	Imm. depth: 700 mm	0205-021
	Imm. depth: 1000 mm	0205-022
Set 2	Lutz B2 Vario SS-SL 28	Order- No.
	Imm. depth: 500 mm	0205-030
	Imm. depth: 700 mm	0205-031
	Imm. depth: 1000 mm	0205-032

