

Safety

**The Fluid Managers** 

Economy

Diversity

**B**2

**Environment** 

## 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)

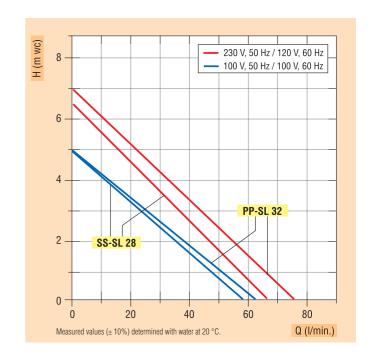
	Lutz B2 Vario PP-SL	Lutz B2 Vario SS-SL
Housing:	PP/PVDF	Stainless steel (1.4571)
Impeller:	PP	ETFE
Seals:	none	none
Mechanical seals:	none	none
Bearing:	ETFE/PTFE	ETFE/PTFE
Drive shaft	Hastellov C	Stainless steel (1 /1571)

- 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
- **6** Chemically resistant plain bearing
- 6 Modular design sealless pump tube with improved hydraulics
- Replaceable pump foot



IP 24

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## Lutz B2 Vario (polypropylene or stainless steel)

### for the laboratory and research sector

Pump		Lut	z B2 Vario PP-SL	32	Productdeta
Drive motor		double insulated on pr	f switch with variable spe otection class II, protecti protection switch, 3 m cc	on class IP 24,	
Motor	Voltage Power Frequency	100 V 180 W 50 Hz/60 Hz	120 V 180 W 60 Hz	230 V 200 W 50 Hz	
Material:	Pump tube Impeller	PP PP	PP PP	PP PP	
Type of Impeller		R	R	R	
Category 1 / 2 (acc. to Atex	00a)	no	no	no	
Immersion tube diameter:	up to mm	32	32	32	
Hose connection:	Nominal diameter mm Outer thread	19 G 1	19 G 1	19 G 1	
Delivery rate*	up to I/min.	62	72	75	
Delivery head*	up to m wc	5	6.8	7	i i
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/dm³	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	



Pump	Lutz B2 Vario SS-SL 28		28	
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 Power Frequency	100 V 180 W 50 Hz/60 Hz	120 V 180 W 60 Hz	230 V 200 W 50 Hz
Material:	Pump tube Impeller	ETFE	Stainless steel 1.4571 ETFE	Stainless steel 1.4571 ETFE
Type of impeller		R	R	R
Category 1 / 2 (acc. to Atex 10		no	no	no
Immersion tube diameter:	•	28	28	28
Hose connection:	Nominal diameter mm Outer thread	19 G 1	19 G 1	19 G 1
Delivery rate*	up to I/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/dm³	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

<sup>\*</sup> Determined with water at 20 °C 
\*\* Determined with oil 
Special lengths, other voltages and frequencies on request.



# **Lutz Pump Sets**

## Ready for action





### Pump set consisting of:

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







	For acids and alkalis	
	Lutz B2 Vario PP-SL 32	Order- No.
Set 1	Imm. depth: 500 mm Imm. depth: 700 mm Imm. depth: 1000 mm	0205-020 0205-021 0205-022
	Lutz B2 Vario SS-SL 28	Order- No.
	Luiz BZ Vallo 33-3L 20	Oluci- No.
Set 2	Imm. depth: 500 mm Imm. depth: 700 mm Imm. depth: 1000 mm	0205-030 0205-031 0205-032



#### **Professional Fluid Management**

Founded in 1954 Lutz-Pumpen has distinguished itself by producing quality products, and has built up a sound reputation for safety in the pumping field led by its expertise in the drum and container market. Successively, other products have been added in order to cater to the needs of our customers. We are indebted to all our loyal customers who have often been the source of our many innovations, as we sought to provide them with the solutions they required.

In this brochure, we would like to take this opportunity to give you an overview of our product range. Naturally, we welcome any enquiries you may have, so please do not hesitate to contact us or one of our offices or distributors for further help or assistance.

Lutz is represented worldwide in over sixty countries. Our distributors are trained by us and are ready to assist you, to find out more please see our web site www.lutz-pumpen.de



#### Lutz representation worldwide:

Argentina Australia Austria Belarus Belgium Iran Brasil Ireland Bulgaria Island Canada Italy Chile Japan China Korea Croatia Lithuania Cyprus Luxembourg Czechia Macedonia Denmark Malaysia Mexico Egypt Estonia Netherlands Finland New Zealand Norway France Ghana Peru Great Britain Philippines Greece Poland Hong Kong Portugal Rumania Hungary India Russia Indonesia Saudi Arabia



Serbia Singapore Slovakia Slovenia South Africa Spain Sri Lanka Sweden Switzerland Syria Taiwan Thailand Turkey U.A.E. Ukraine USA Venezuela Vietnam

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