

# Lutz Drum and Container Pumps

Lutz B2 Vario: Perfect for the laboratory and research sector



Lutz B2 Vario stands for: Versatile, maximum possible safety, and optimum price-performance ratio.

## The innovation for increased safety and ease of use

Environmental protection, safety, energy and cost consciousness and easy handling: the demands which a pump has to meet are growing more and more. Simplicity and ease of handling must be inherent characteristics as well.

At Lutz, we have met this challenge and have developed a pump which lives up to these expectations. The electric drum and container pump **Lutz B2 Vario** incorporates a reliable and tested technique together with a number of functions providing perfect fluid management solutions, whatever industry you are in.

## The advantages of the B2 Vario:

- ✓ **Variable speed motor** with safety cut out to enable the transfer of liquids in small amounts
- ✓ Easy and safe to operate by integrated ergonomically designed handles and nozzle
- ✓ Ultra quiet, long service life
- ✓ **Different lengths** available 500, 700 and 1000 mm for the use in small vessels up to 200 litre drums
- ✓ Sealless, lube free pump tube, thus no contamination of the liquid
- ✓ Wide range of applications possible due to sealless construction
- ✓ Available in **polypropylene, polyvinylidene fluoride** and **stainless steel** (1.4571)

Mounted hanger for storing nozzle and cable at the pump. Service-friendly construction, simple to dismantle and improved complete drainage function.



# Lutz B2 Vario: (polypropylene, PVDF, or stainless steel)

The perfect solution to transfer small amounts of liquid




## Safety First

Personal safety and the environment are of vital importance when it comes to handling chemicals, acids, alkalis or other dangerous liquids, particularly when transferring small amounts of liquid. The "Lutz B2 Vario" provides a complete solution. The infinitely variable speed controller with integrated on/off switch allows a controlled and comfortable filling of smaller and larger liquid amounts. The operator can gradually regulate the delivery rate from lowest up to requested speed by one movement of the hand.




# Lutz Drum and Container Pumps

Lutz B2 Vario (polypropylene, PVDF, or stainless steel)

Product detail		Pump	Lutz B2 Vario PP-SL 32	Lutz B2 Vario PVDF-SL 32
	Drive motor	Universal motor 200 W, 230 V, 50 Hz, 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		
	Material:	Pump tube	PP	PVDF
		Impeller	PP	ETFE
	Type of impeller		R	R
	Category 1 / 2 (acc. to ATEX)		no	no
	Immersion tube diameter:	up to mm	32	32
	Hose connection:	Nominal diameter mm	19	19
		Outer thread	G 1	G 1
	Delivery rate*	up to l/min.	75	75
	Delivery head*	up to m wc	7	6,5
	Temperature of medium:	up to °C	- 15 up to + 50	- 15 up to + 90
	Viscosity**	up to mPas	300	300
	Density	up to kg/dm <sup>3</sup>	1.3	1.3
	Weight (kg)	Motor + pump tube	2.2 - 2.5	2.3 - 2.6
Length: 500 mm	Order No.	<b>0201-500</b>	<b>0201-580</b>	
Length: 700 mm	Order No.	<b>0201-501</b>	<b>0201-581</b>	
Length: 1000 mm	Order No.	<b>0201-502</b>	<b>0201-582</b>	

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

## Pump Lutz B2 Vario SS-SL 28

	Drive motor	Universal motor 200 W, 230 V, 50 Hz, 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		
	Material:	Pump tube	Stainless steel 1.4571	
		Impeller	ETFE	
	Type of impeller		R	
	Category 1 / 2 (acc. to ATEX)		no	
	Immersion tube diameter:	up to mm	28	
	Hose connection:	Nominal diameter mm	19	
		Outer thread	G 1	
	Delivery rate*	up to l/min.	68	
	Delivery head*	up to m wc	6.5	
	Temperature of medium:	up to °C	- 15 up to + 90	
	Viscosity**	up to mPas	300	
	Density	up to kg/dm <sup>3</sup>	1.3	
	Weight (kg)	Motor + pump tube	2.9 - 3.5	
Length: 500 mm	Order No.	<b>0201-510</b>		
Length: 700 mm	Order No.	<b>0201-511</b>		
Length: 1000 mm	Order No.	<b>0201-512</b>		

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

# Lutz B2 Vario

for the laboratory and research sector

## Materials (coming into contact with the pumped medium):

Version:	PP-SL	PVDF-SL	Niro-SL
Housing:	PP/PVDF	PVDF	SS (1.4571)
Impeller:	PP	ETFE	ETFE
Seals:	none	none	none
Mechanical seals:	none	none	none
Bearing:	ETFE/PTFE	ETFE/PTFE	ETFE/PTFE
Drive shaft:	Hastelloy C	Hastelloy C	SS (1.4571)

- 1 Infinitely variable speed controller for safe liquid transfer
- 2 Easy and safe to operate by ergonomically designed handles
- 3 Powerful universal motor with improved service life
- 4 Hanger for professional storage of nozzle and cable
- 5 Modular designed sealless pump tube in polypropylene, polyvinylidene fluoride or stainless steel with improved complete drainage function



IP 24

