

Horizontal Container Pump Lutz B200

Container Emptying: The compact solution

For optimum transfer of thin-bodied, light or low viscous liquids



New: SafetyBox for leakage detection



New: Now available in PVDF



Safety is our Concern

Horizontal Container Pump Lutz B200

Different materials for a wide range of applications

This very compact pump is a great alternative when conventional vertical drum pumps cannot be used e.g. for containers which are stored in shelves.

In cases where access to the IBC container from above is not possible, the new horizontal Lutz B200 is directly connected to the bottom outlet valve. The hydraulic capacity is much higher compared with a hydrostatic outlet.

In combination with delivery hose and nozzle, this pump allows controlled filling and can also be operated against a closed valve.

Product Features:

- » Centrifugal pump with axial impeller in compact design, **low space requirement**
- » Directly connected to the bottom outlet valve of the IBC with standard union nut (PVDF 2" NPSM and stainless steel S60 x 6)
- » **Variable drive concept**
(compatible with all universal and compressed air motors)
- » **Easy to dismantle**, two-part pump with clamp connections (stainless steel version)
- » **No suction hose required**, significantly lower product release during disconnection
- » **Explosion-proof** stainless steel versions for applications in Ex-areas (Zone 1 and 2), including check valve
- » Significantly **better hydraulic capacity** compared to hydrostatic outlet
- » Operation against closed shutoff elements (e.g. ball valve, nozzle) is possible at any time
- » **The new PVDF version** for highly aggressive liquids
- » **SafetyBox for leakage detection** (optional)



Lutz B200 PVDF



Lutz B200 SS in food version



Lutz B200 SS in explosion-proof version



See the
video now!

Horizontal Container Pump Lutz B200

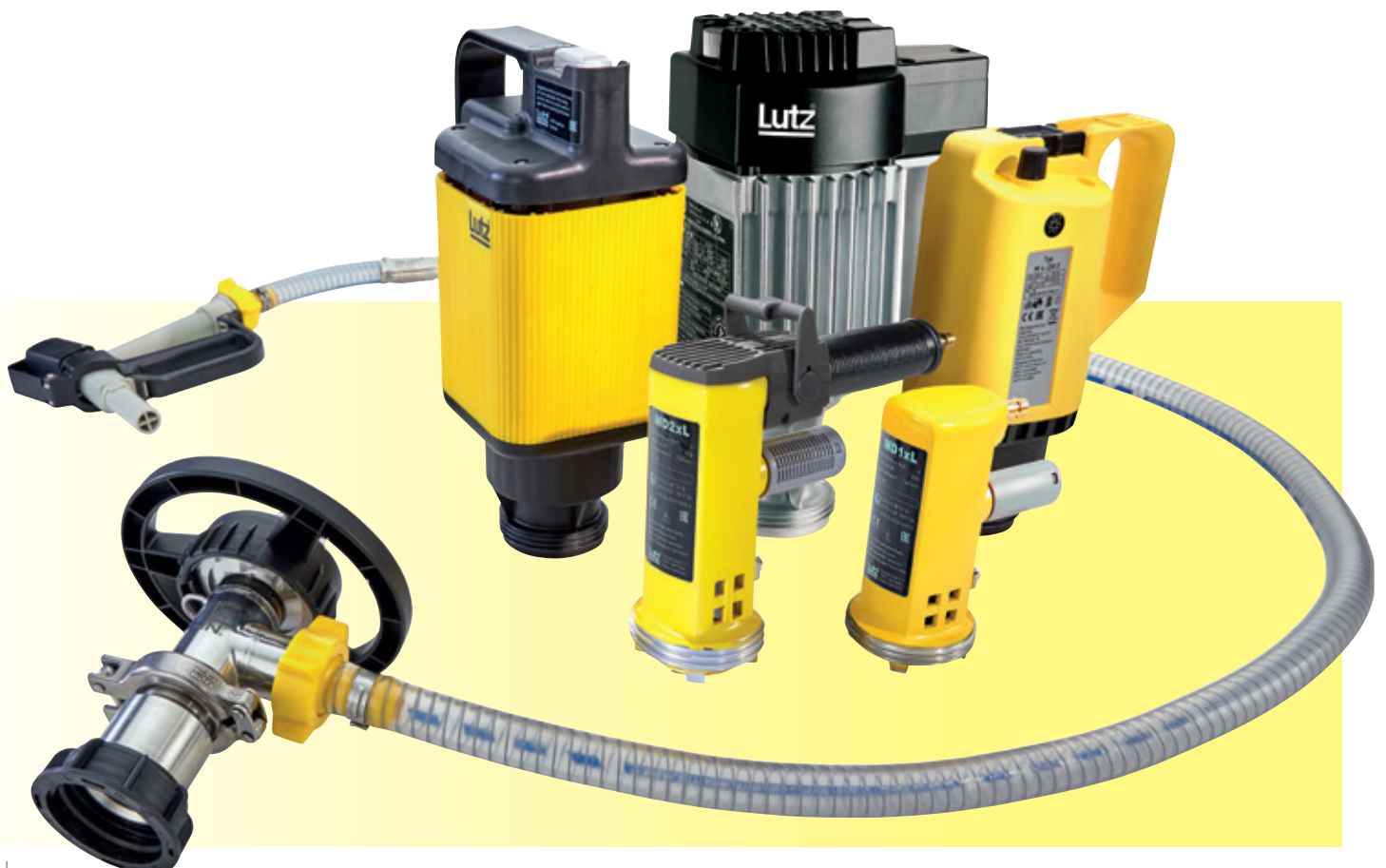
Pump Capacities:

Similar to the conventional Lutz drum and container pumps, the new pump tube can be combined with various universal and compressed air motors¹.

¹ Motors see main catalogue.

Typical liquids being pumped

- » Thin-bodied mineral oil products
- » Emulsions
- » Solvents
- » Aqueous solutions
- » For highly aggressive alkalis and acids
- » Vegetable oils
- » Cleaning, care and disinfection agents

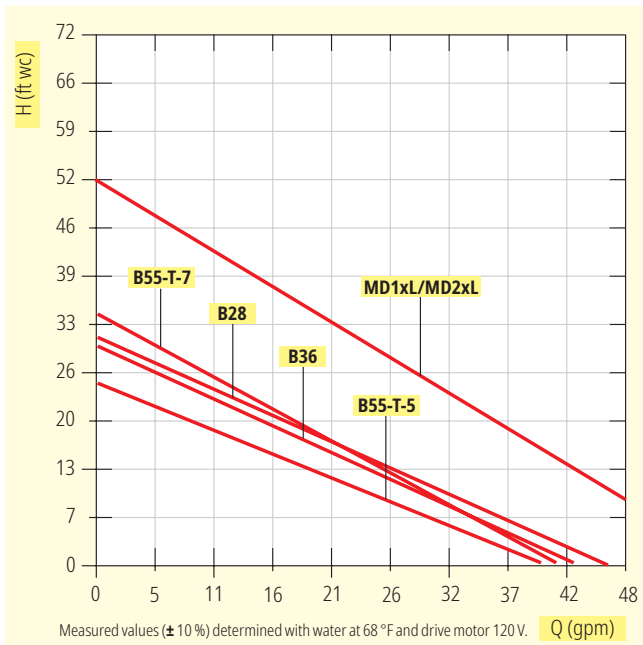


Horizontal Container Pump Lutz B200

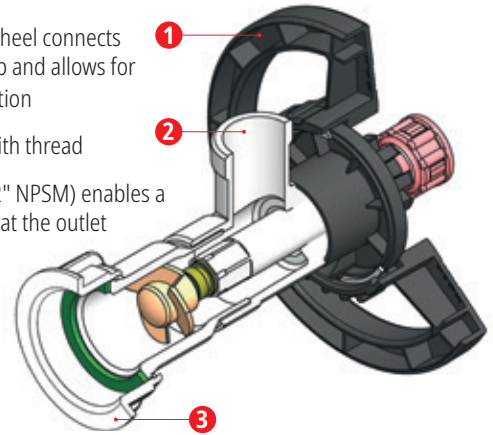
Pump tube PVDF

Technical data:

| | |
|----------------|---|
| Quantity: | max. up to 57 gpm |
| Delivery head: | max. up to 52 ft wc |
| Viscosity: | max. up to 1000 cps |
| Spec. gravity: | max. up to 2.8 |
| Temperature: | max. up to 212 °F |
| Weight: | approx. 1.43 lbs |
| Materials: | PVDF, Hastelloy-C, FPM, Carbon, SIC, PTFE, ETFE |



- 1 The Lutz hand wheel connects motor and pump and allows for quick disconnection
- 2 Pressure joint with thread
- 3 The union nut (2" NPSM) enables a quick mounting at the outlet of the container



Recommended accessories:

| Ref.-No. | Description |
|----------|---|
| 0208-193 | Turnbuckle Alleviates the strain on the outlet connection when using heavy motors |
| 0208-192 | Mounting bracket Alleviates the strain on the outlet connection when using heavy motors, if turnbuckle cannot be used |

The following sets are available for the Lutz B200 PVDF:

| Includes: | Pump tube Lutz B200 PVDF | Set Lutz B200 PVDF conc. acids and alkalis | Pump tube Lutz B200 PVDF with SafetyBox* | Set Lutz B200 PVDF conc. acids and alkalis SafetyBox* |
|--|--------------------------|--|--|---|
| Pump tube B200 PVDF 41-R-MS | ✓ | ✓ | ✓ | ✓ |
| 78" special chemical hose DN 19 with PVDF connection | - | ✓ | - | ✓ |
| Nozzle PVDF | - | ✓ | - | ✓ |
| Monitoring module SafetyBox | - | - | ✓ | ✓ |
| 16.4 ft power supply cable, 230 V | - | - | ✓ | ✓ |
| Ref.-No. | 0123-421 | 0205-296 | 0205-295 | 0205-297 |
| Ref.-No. Additional price seal kit FFPM/PE | | | | 0123-110 |

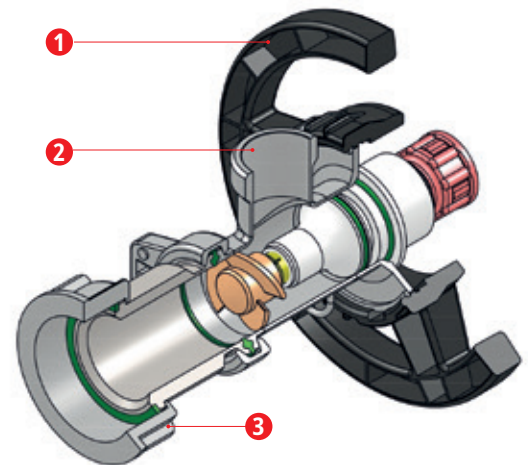
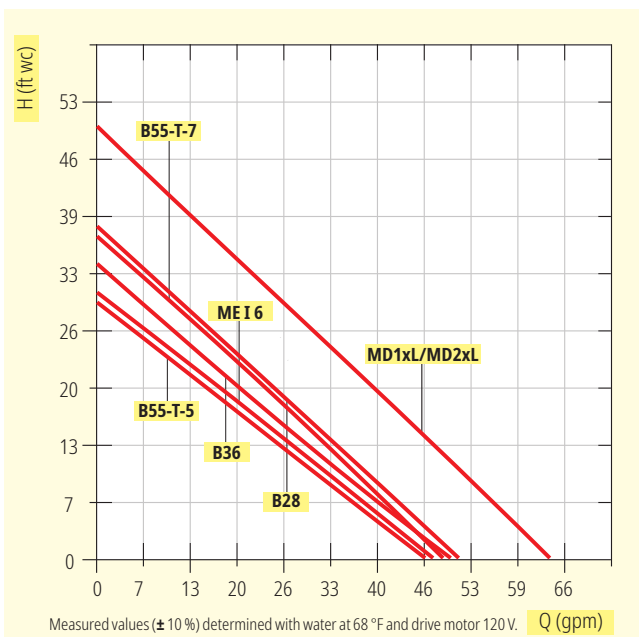
*Use motors with low-voltage release, see main catalogue.

Horizontal Container Pump Lutz B200

Pump tube SS

Technical data:

| | |
|----------------|--|
| Quantity: | max. up to 64.5 gpm |
| Delivery head: | max. up to 49 ft wc |
| Viscosity: | max. up to 1000 cps |
| Spec. gravity: | max. up to 2.8 |
| Temperature: | max. up to 212 °F |
| Weight: | approx. 3 lbs |
| Materials: | Stainless steel (316 Ti), ETFE, PTFE Carbon, ceramic, FPM or EPDM |



- 1 The Lutz hand wheel connects motor and pump and allows a quick disconnection
- 2 Pressure joint with thread or clamp connection
- 3 The union nut (S60 x 6) enables a quick mounting at the outlet of the container








Several pump tubes are available for container pump Lutz B200 SS:

| Ref.-No. | Description | |
|-----------|---|--|
| 0151-400* | Pump Tube B200 SS 41-R-MS FPM, OT 1 1/4" | |
| 0151-401* | Pump Tube B200 PURE SS 41-R-MS FPM, Clamp | |
| 0151-402* | Pump Tube B200 PURE SS 41-R-MS EPDM, Clamp | |
| 0151-403* | Pump Tube B200 Ex PURE SS 41-R-MS FPM, Clamp | |
| 0151-404* | Pump Tube B200 Ex PURE SS 41-R-MS EPDM, Clamp | |

*Version is not available in Japan

Range of accessories

Pump tubes B200

| Product detail | Specification | Order No. |
|---|---|--|
|  | Adapter fitting Tri-Clamp (316 L) DN 32 / G 1 1/4 OT | for B200 SS 0370-104 |
|  | Tri-Clamp locking clamp (316 L), DN 25/32/40 | for B200 SS 0370-088 |
| | Tri-Clamp seal EPDM DN 32 FPM DN 32 | for B200 SS 0314-596 for B200 SS 0314-597 |
|  | Check valves SS FPM Clamp DN 32 EPDM Clamp DN 32 | for B200 SS 0208-202 for B200 SS 0208-203 |
|  | Mounting bracket B200 Alleviates the strain on the outlet connection when using heavy motors, if turnbuckle cannot be used | 0208-192 |
|  | Turnbuckle Alleviates the strain on the outlet connection when using heavy motors | 0208-193 |
|  | Wing nut for outrun piece Stainless steel, S60 x 6, Seal FPM Stainless steel, S60 x 6, Seal EPDM PVDF, 2" NPSM | for B200 Niro 0151-427 for B200 Niro 0151-428 for B200 PVDF 0123-109 |
|  | Electronic flow meter, TR3-PVDF series For efficient flow rate measuring of various liquids. Ease of handling, compact design, connection 1 1/4 Material polyvinylidene flouride (PVDF) For more details see flow meter brochure. | |
|  | Hose connections See accessories drum pump brochure | |
|  | Hoses See accessories drum pump brochure | |
|  | Nozzles See accessories drum pump brochure | |

Horizontal Container Pump Lutz B200

Monitoring module SafetyBox for container pump B200 PVDF

Dynamic seals are subject to wear and can lead to leakage

The consequences are:

- Environmental contamination
- Health risk

Dynamic seals should be replaced after specified operating times. Since the operating time of mobile pumps is less easy to monitor, there is a higher probability that wearing parts will be used longer than expected. The solution is the SafetyBox monitoring module with which leaks in the mechanical seal can be detected.

Benefits:

- » Safe operation
- » Low cost solution
- » Simple installation, can be retrofitted at any time
- » Can also be used for other Lutz drum pumps

Function:

- » **Detects leakage** of conductive liquids
- » **Visual and acoustic signals for leakage detection** (siren, lamp)
- » **Emergency stop function** of the motor in case of leakage
- » **Plug & Play**
- » **Easy installation** by attaching a leakage sensor to the connecting head of the pump

Technical data SafetyBox:

| | |
|--|-----------|
| Voltage: | 230 V |
| Frequency: | 50 Hz |
| Max. switching current: | 8 A |
| Type of protection: | IP 54 |
| Ambient temperature: | 50-122 °F |
| Weight: | 2.3 lbs |
| Minimum conductivity of the detectable liquid: | 10 µS/cm |
| Sensitivity adjustment range: | 5-100 kΩ |



SafetyBox for container pump Lutz B200 PVDF

| Ref.-No. | Description |
|----------|--|
| 0208-450 | Monitoring module SafetyBox |
| 0211-155 | Power supply cable, 230 V, 16.4 ft long |

Additional accessories when using a compressed air motor

| Ref.-No. | Description |
|----------|--|
| 0211-151 | Connecting cable SLOW valve, 16.4 ft long, 230 V, 50 Hz |
| 5000-167 | 2/2-way solenoid valve blocks the air supply to the drive motor, Brass G 3/8 IT |



Lutz offers the
 optimum
 solution for
 professional
 Fluid Management

Drum and Container Pumps · Flow Meters · Double Diaphragm Pumps

Lutz Pumps, Inc.

1160 Beaver Ruin Road
 Norcross, GA 30093-4898
 Phone: (770) 925-1222
 (800) 843-3901
 Fax: (770) 923-0334

www.lutzpumpsamerica.com
 e-mail: info@lutzpumpsamerica.com