

JUNIORFLUX/COMBIFLUX

For transferring smaller quantities



We deliver values.



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For transferring smaller quantities

The small drum pumps JUNIORFLUX and COMBIFLUX are especially suitable for pumping comparably small quantities out of containers such as canisters or drums of up to 200 litres. The small outer tube diameter allows pumping even out of narrow openings.

JUNIORFLUX F 310
(see page 4)



JUNIORFLUX F 314
(see page 4)



JUNIORFLUX

The JUNIORFLUX drum pump unit with its fixed motor FEM 3070 is available with mechanical seal (F 310) and as a sealless type (F 314).

Technical data		
Pump	F 310	F 314
Seal type	with mechanical seal	sealless
Outer tube materials	PP	PP, PVDF, S
Outside diameter in mm	25, 32	25, 32 (PP) 25 (PVDF) 28 (S)
Immersion length	500/700/1,000 mm	
Viscosity max.	250 mPas	
Motor	FEM 3070	
Delivery rate*	max. 47 l/min	max. 57 l/min
Delivery head*	max. 6,8 mWs	max. 8,5 mWs

FEM 3070
(see page 5)



FBM-B 3100
(see page 6)



**COMBIFLUX
pump FP 314**

COMBIFLUX

The small sealless drum pump COMBIFLUX FP 314 can be combined with the collector motor FEM 3070 (with mains connection) or with the battery motor FBM-B 3100.

Technical data		
Pump	FP 314	
Seal type	sealless	
Outer tube materials	PP, PVDF, S	
Outside diameter in mm	25, 32 (PP) 25 (PVDF) 28 (S)	
Immersion length	500/700/1,000 mm	
Viscosity max.	250 mPas	
Motor	FEM 3070	FBM-B 3100
Delivery rate*	max. 57 l/min	max. 60 l/min
Delivery head*	max. 8,5 mWs	max. 7 mWs

* measured at pump discharge with water (20 °C) depending on outer tube material.

JUNIORFLUX

with fixed collector motor FEM 3070

The small drum pump JUNIORFLUX with its fixed collector motor is available with a mechanical seal (F 310) and as a sealless version (F 314). It is especially suitable for pumping comparably small quantities out of containers such as canisters or drums of up to 200 litres. The small outer tube diameter allows pumping even out of narrow openings.

JUNIORFLUX F 310 PP



Transferring of small quantities with the JUNIORFLUX pump kit.

* measured at pump discharge with water (20 °C) depending on outer tube material.

Product features

- ▶ With mains connection
- ▶ Powerful collector motor (with brushes)
- ▶ Available in two seal types
- ▶ Ergonomic design handle
- ▶ Low weight
- ▶ Small outer tube diameter
- ▶ Holding hook for hand nozzle at the pump discharge
- ▶ With integrated holder for the pump
- ▶ Also available as a pump kit

Advantages

- ▶ Also suitable for transferring smaller quantities
- ▶ Can pump out of narrow-necked containers
- ▶ Minimal force required to change drums
- ▶ With mains connection – enables very long operating times
- ▶ High operational safety due to overload cut-out switch
- ▶ Easy single-hand operation
- ▶ Hand nozzle always quickly at hand due to holding hook
- ▶ Low storage space required

Technical data

Pump:

- ▶ Seal type: F 310 with mechanical seal (see page 3 for more)
F 314 sealless (see page 3 for more)
- ▶ F 310 outer tube material: polypropylene
- ▶ F 314 outer tube materials: polypropylene/ polyvinylidene fluoride/stainless steel
- ▶ Delivery rate: 17 - 57 l/min*
- ▶ Max. viscosity: 250 mPas
- ▶ Max. delivery head: 8.5 mWs
- ▶ Immersion length: 500/700/1,000 mm
- ▶ Pump discharge connection
- ▶ Outside diameter: 25 - 32 mm (depending on media)

Motor FEM 3070:

- ▶ Type: Collector motor
- ▶ Protection class: IP 24
- ▶ Speed adjustment: 2 steps
- ▶ Weight: 1.5 kg
- ▶ Voltage: 110 V, 50 - 60 Hz; 240, 230 V, 50 Hz
- ▶ 230 V version tested to German VDE and GS
- ▶ 5 m cable with 2-pole connector (cables and connectors specific to country)

COMBIFLUX

with removable collector motor FEM 3070



The small sealless drum pump COMBIFLUX FP 314 can be combined with the collector motor FEM 3070 (with mains connection). It is of a modular design, so that several pumps can be operated in series with one motor. Like the JUNIORFLUX, the COMBIFLUX is especially suitable for pumping comparably small quantities out of containers such as canisters or drums of up to 200 litres. The small outer tube diameter allows pumping even out of narrow openings.

COMBIFLUX with FEM 3070



Product features

- ▶ Collector motor and pump connected by means of quick-action coupling
- ▶ With mains connection
- ▶ Powerful collector motor (with brushes)
- ▶ Ergonomic design handle
- ▶ Small outer tube diameter
- ▶ Low overall weight
- ▶ Holding hook for hand nozzle at the pump discharge
- ▶ With integrated holder for the pump

Advantages

- ▶ **Motor easily removable**
- ▶ **Several pumps can be operated in series with one motor**
- ▶ **Also suitable for transferring smaller quantities**
- ▶ **Enables pumping out of narrow-necked containers difficult to access**
- ▶ **Minimal force required to change drums**
- ▶ **Easy single-hand operation**
- ▶ **With mains connection – enables very long operating times**
- ▶ **High operational safety due to overload cut-out switch**
- ▶ **Hand nozzle always quickly at hand due to holding hook**
- ▶ **Low storage space required**



COMBIFLUX – Transferring of various fluids with several pumps and a tethered motor FEM 3070.

Technical data

Pump FP 314 (see page 3 for more):

- ▶ Outer tube materials: polypropylene/ polyvinylidene fluoride/stainless steel
- ▶ Delivery rate: 27 - 57 l/min*
- ▶ Max. viscosity: 250 mPas
- ▶ Max. delivery head: 8.5 mWs
- ▶ Immersion length: 500/700/1,000 mm
- ▶ Pump discharge connection
- ▶ Outside diameter: 25 - 32 mm (depending on media)

Motor FEM 3070:

- ▶ Type: collector motor
- ▶ Protection class: IP 24
- ▶ Speed adjustment: 2 steps
- ▶ Weight: 1.5 kg
- ▶ Voltage: 110 V, 50 - 60 Hz; 230 V, 50 - 60 Hz
- ▶ 5 m cable with 2-pole connector (cables and connectors specific to country)

* measured at pump discharge with water (20 °C) depending on outer tube material.



We deliver values.

FLUX has become a world renowned brand name for the highest standards in pump technology. It all began in 1950 when the electric drum pump was invented. Today, our wide range of products includes drum and container pumps, centrifugal immersion pumps, eccentric worm-drive pumps, drum-emptying systems and air-operated diaphragm pumps as well as mixers, flow meters and, of course, an extensive range of accessories.

Apart from the outstanding quality of our FLUX products, our customers appreciate our staff's great expertise and real customer orientation.

Put us to the test. We are looking forward to hearing from you.