














Specification	Order-No.	Product detail
<div><div>3</div><div>Hose connection For connecting the hoses to the pump tube B70V. Connection thread: G 1 1/2 <div><div>Material:</div><div>Nominal diameter:</div></div><div><div>Stainless steel</div><div>DN 25 (1")</div></div><div><div>Stainless steel</div><div>DN 32 (1 1/4")</div></div><div><div>Stainless steel</div><div>DN 38 (1 1/2")</div></div><div><div>Aluminium</div><div>DN 32 (1 1/4")</div></div></div></div> <div><div>0204-416</div><div>0204-417</div><div>0204-418</div><div>0204-420</div></div> <div></div>		
<div><div>9</div><div>Drum adapter St 37 Separable drum adapter for pump tubes with enlarged pump foot. For fixing the pump in the drum opening. Prevents the eccentric screw pump falling over in the empty drum. Thread G 2 and M 64 x 4. for pump tube B70V ø 52 mm</div></div>	<div>0204-169</div>	<div></div>
<div><div>9</div><div>Drum adapter PP For fixing the pump in the drum opening. Prevents the eccentric screw pump falling over in the empty drum. for pump tube B70V ø 52 mm</div></div>	<div>0208-056</div>	<div></div>
<div><div>11</div><div>Installation flange According to DIN 2576 DN 80. PN 10 For fixing the pump B70V to a companion flange. The flange is welded onto the pump tube. in stainless steel (1.4571)</div></div>	<div>0170-310</div>	<div></div>
<div><div>12</div><div>Foot strainer Available in stainless steel, for mounting on the pump foot. Keeps impurities away from the rotating parts. in stainless steel (1.4571)</div></div>	<div>0204-802 ●</div>	<div></div>
<div><div>13</div><div>Discharge spout Serving to transfer and fill liquids directly into other vessels. They are available in aluminium and stainless steel and are threaded onto the pump outlet connection. <div><div>Material:</div><div>Nominal diameter:</div><div>Wing nut:</div></div><div><div>Alu</div><div>DN 25 (1")</div><div>G 1 1/2</div></div><div><div>SS</div><div>DN 25 (1")</div><div>G 1 1/2</div></div></div></div> <div><div>0204-374</div><div>0204-226 ●</div></div> <div></div>		
<div><div>14</div><div>Wall bracket For storage of drum pumps. B70V B70V-SR</div></div>	<div>0204-309</div> <div>0204-307</div>	<div></div>
<div><div>15</div><div>Clamping device To fasten the eccentric screw pump B70V in open-topped and thick-walled drums and containers. in stainless steel</div></div>	<div>0205-052 ●</div>	<div></div>
<div><div>17</div><div>Bypass valve When using a closing valve (nozzle, stop valve etc.) the application of a bypass valve is recommended. (Opening pressure: brass 2.5 bar, stainless steel 5 bar). <div><div>Connection thread:</div><div>G 1 1/2</div></div><div><div>Material</div><div>for pump tube</div></div><div><div>Brass</div><div>B70V</div></div><div><div>Stainless steel 1.4571</div><div>B70V</div></div><div><div>Brass</div><div>HD-E</div></div></div></div> <div><div>0172-640</div><div>0170-274</div><div>0155-600</div></div> <div></div>		

● Suitable for transferring combustible and easy inflammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Product detail	Specification	Order-No.
	18 Coupling part, motor side When sourcing your own motor please order the correct coupling to suit the relative shaft diameter. Shaft diameter: \varnothing 14 mm for B70V 12.1 up to 75.1 \varnothing 19 mm for B70V 12.1 up to 75.1 \varnothing 24 mm for B70V 12.1 up to 75.1 \varnothing 28 mm for B70V 12.1 up to 75.1 (only in combination with intermediate flange) Intermediate flange for shaft diameter: \varnothing 28 mm for B70V 12.1 up to 75.1 \varnothing 24 mm for B70V 120.1 \varnothing 25 mm for B70V 120.1 \varnothing 28 mm for B70V 120.1 \varnothing 30 mm for B70V 120.1	0302-028 0302-027 0302-026 0302-029 0172-782 0302-363 0302-365 0302-364 0302-214
	19 Lifting device To simplify the process of lifting the pump in and out of drums or containers. When using an explosion proof driving motor the Ex-protective plug is mounted onto the lifting device. for pump tube HD-E for B70V-SR with universal motor Additional price for lifting device for motor protective switch (Ex) for pump tubes B70V (Ex)	0155-154 0174-607 0172-838
	Motor protective switch for motor B70V Explosion proof according to EEx de IIC T6 with thermal and electromagnetic trip, protection type IP 66. Suitable lifting device for the mounting (item 19). Ex, 1.6 - 2.5 A for B70V (Ex) Ex, 2.5 - 4.0 A for B70V (Ex) Ex, 4.0 - 6.3 A for B70V (Ex)	0335-414 ● 0335-419 ● 0335-420 ●
	21 Ex-plug CEE round plug in accordance with EEx de IIC T6, splash proof in compliance with IP 65. 3-pole (alternating current) CEAG for B70V-SR (Ex) 3-pole (alternating current) STAHL for B70V-SR (Ex) 5-pole (three phase current) CEAG for B70V (Ex) 5-pole (three phase current) STAHL for B70V (Ex)	0336-536 ● 0336-540 ● 0336-537 ● 0336-541 ●
	22 Ex-socket CEE-socket in accordance with EEx de IIC T6, splash proof in compliance with IP 65. 3-pole (alternating current) CEAG for B70V-SR (Ex) 3-pole (alternating current) STAHL for B70V-SR (Ex) 5-pole (three phase current) CEAG for B70V (Ex) 5-pole (three phase current) STAHL for B70V (Ex)	0336-531 ● 0336-542 ● 0336-420 ● 0336-543 ●
	20 Equipotential bonding cable Serves to create electrically conductive connection between explosion proof pump and container as earthing and equipotential bonding function. 2 m long with fastening clip	0204-994 ●

Specification	Order-No.	Product detail
<p>34 Hoist for eccentric screw pumps, with infinitely adjustable load balancer for easy lifting and moving of the pump.</p> <p>Load bearing capacity: 18-22 kg Tackle: 2 m</p> <p>Load bearing capacity: 22-25 kg Tackle: 2 m</p> <p>Load bearing capacity: 25-30 kg Tackle: 2 m</p>	<p>0371-013</p> <p>0371-014</p> <p>0371-015</p>	
<p>Electronical flow meter, HDO series For metering thin bodied up to highly viscous media – also under high pressures and temperatures. For assembly onto an eccentric screw pump B70V or into a pipeline. Explosion proof flow meter types with Atex approval. See separate leaflet.</p>		
<p>4 Hose clips Stainless steel hose clips with threaded screw for fixing hoses of various nominal bore at the hose connection.</p> <p>Nominal diameter: DN 25 (1") DN 32 - 38 (1 1/4" - 1 1/2")</p>	<p>0301-401 0302-402</p>	
<p>5 Hose connector The use of conductive hoses is obligatory in explosion hazard areas. The ohmic resistance between the armatures must be less than 10⁶ ohm. The hose connection must ensure a highly conductive transition between hose and pump tube.</p> <p>Brass for hose DN 32 (1 1/4") for hose DN 38 (1 1/2") for hose DN 50 (2")</p> <p>Stainless steel (1.4571) for hose DN 32 (1 1/4") for hose DN 38 (1 1/2") for hose DN 50 (2")</p>	<p>inner thread G 1 1/2 (EN 12 115) inner thread G 1 1/2 (EN 12 115) inner thread G 2 (EN 12 115)</p> <p>inner thread G 1 1/2 (EN 12 115) inner thread G 1 1/2 (EN 12 115) inner thread G 2 (EN 12 115)</p>	<p>0302-090 ● 0302-091 ● 5000-100 ●</p> <p>0302-096 ● 0302-092 ● 5000-101 ●</p> 

Product detail	Specification	Order-No.
	8 PVC spiral hose, fabric reinforced Hose made of PVC, with woven layer and imbedded galvanized steel helix. For aggressive, non-flammable liquids. Operating pressure: max. 14 bar Temperature of medium: -5 up to +65 °C Nominal diameter: Weight: DN 25 (1") 0.67 kg/m DN 32 (1 1/4") 0.80 kg/m DN 38 (1 1/2") 1.15 kg/m DN 50 (2") 1.60 kg/m	0374-467* 0374-468* 0374-469* 0374-470*
	<small>*Hose for food liquids, inside and outside smooth, complies with EU-regulations 10/2011 and 1935/2004.</small>	
	8 Mineral oil hose Colour coding: "yellow". Hose for mineral oil products of all kinds and super up to 50 % aromatics and methanol content. Inner rubber NBR (conductive) and outer rubber NBR (not conductive). Electrically conductive: Type Ω -CL (<10 ⁶ Ohm between the fittings) according to TRbF 50 appendix B (TRbF 131/2). Operating pressure: max. 10 bar Temperature of medium: -25 up to +65 °C Nominal diameter: Weight: DN 25 (1") 0.5 kg/m	0374-462 ●
	Hose for mineral oil products of all kinds and super up to 50 % aromatics and methanol content. Inner rubber NBR and outer rubber chloroprene (CR). Electrically conductive: Type Ω /T (<10 ⁶ Ohm between the fittings, <10 ⁹ Ohm through the hose wall) according to DIN EN 12115:2011. Operating pressure: max. 16 bar Temperature of medium: -30 up to +90 °C Nominal diameter: Weight: DN 32 (1 1/4") 1.0 kg/m DN 38 (1 1/2") 1.2 kg/m	0374-413 ● 0374-414 ●
	8 Solvent hose Colour coding: "blue". Hose suitable for a wide range of commercial solvents. Inner rubber of special coating and outer rubber of NBR/PVC-Compound (from DN 32 with galvanized steel helix it is suitable as suction and pressure hose). Electrically conductive: Type Ω /T (<10 ⁶ Ohm between the fittings, <10 ⁹ Ohm through the hose wall) according to DIN EN 12115:2011. Operating pressure: max. 16 bar Range of temperature: -20 up to +80 °C (dependant on the liquid), steaming out up to 130 °C for max. 30 minutes (open ends) Nominal diameter: Weight: DN 25 (1") 0.8 kg/m DN 32 (1 1/4") 1.2 kg/m DN 38 (1 1/2") 1.4 kg/m	0374-417 ● 0374-418 ● 0374-450 ●

Specification

Order-No.

Product detail

8 Universal chemical hose

Colour coding: "blue/white/blue".

Suitable for clean chemicals, cosmetics, photo-chemicals, paints and glues, washing and cleaning products, hygienic products as well as foodstuffs and luxury foodstuffs, (for more information see resistance table). Conform to FDA and USP class VI. Complies with EU-regulations 10/2011 and 1935/2004.

Internal finish: UPE light with spiraled OHM conductive stripes UPE black, smooth, non-bleeding, abrasion-resistant. Intermediate layer: EPDM conductive (complies with the requirements of the recommendation XXI category 2 of the BfR and FDA standards).

External finish: EPDM light grey, conductive, non-bleeding, ozone- and UV resistant, hardly inflammable, (starting from DN 25 with galvanized steel helix, suitable as suction and pressure hose).

Electrically conductive: Type Ω/T ($<10^6$ Ohm between the fittings, $<10^9$ Ohm through the hose wall) according to DIN EN 12115:2011.

Operating pressure: max. 16 bar

Range of temperature: -30 up to +100 °C (dependant on the liquid),
steaming out up to 130°C for max. 30 minutes (open ends)

Nominal diameter:	Weight:
DN 25 (1")	0.8 kg/m
DN 32 (1 1/4")	0.9 kg/m
DN 38 (1 1/2")	1.2 kg/m

0374-476 ●

0374-477 ●

0374-478 ●



8 Special chemical hose FEP

Colour coding: "blue/white/red".

Suitable for all commonly used media, ideal also for very pure products. Suitable as suction and pressure hose.

Internal finish: FEP transparent, smooth, seamless, non-leaching, non-dyeing, not electrically conductive (in conformity with FDA and USP Class VI demands).

External finish: EPDM electrically conductive. Light grey with OHM conductive stripes, with galvanized steel helix.

Electrically conductive Type $\Omega-C$ ($<10^6$ Ohm between the fittings) according to DIN EN 12115:2011.

(**NOT** suitable for non-conductive, flammable liquids)

Operating pressure: max. 16 bar

Range of temperature: -30 up to +100 °C (dependant on the liquid),
steaming out for cleaning and sterilisation permissible up to 150°C
for max. 30 minutes (open ends)

Nominal diameter:	Weight:
DN 25 (1")	1.0 kg/m
DN 32 (1 1/4")	1.1 kg/m
DN 38 (1 1/2")	1.5 kg/m

0374-429

0374-430

0374-455



Special chemical hose PTFE

Colour coding: "blue/white/red".

Suitable for all commonly used media, ideal also for very pure products. Suitable as suction and pressure hose.

Internal finish: PTFE black, smooth, seamless, electrically conductive (conform to FDA and USP class VI. Complies with EU-regulations 10/2011 and 1935/2004).

External finish: EPDM electrically conductive. Black, galvanized steel helix.

Electrically conductive: Type Ω/T ($<10^6$ Ohm between the fittings, $<10^9$ Ohm through the hose wall) according to DIN EN 12115:2011.

Operating pressure: max. 16 bar

Range of temperature: -30 up to +150 °C (dependant on the liquid),
steaming out for cleaning and sterilisation permissible up to 150°C
for max. 30 minutes (open ends)

Nominal diameter:	Weight:
DN 25 (1")	1.0 kg/m

0374-482 ●



23 Protection device for drum inliner

For mounting onto the pump foot. Protects sensitive drum inliner and bags from damage.

For pump tube B70V 120.1

0175-332

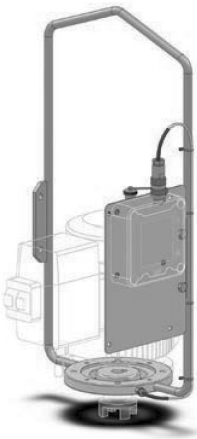


● Suitable for transferring combustible and easy inflammable liquids (e.g. ethanol, petrol) or in explosive hazard area.










Accessories

Contact-free indirect measurement



Product detail	Specification	Order-No.
	1 Lifting device with integrated impulse sensor Comprises of: Impulse sensor with connecting cable and 14-wire coupling plug, lifting device and flange plate. (Please order suitable impulse transmitter and control unit additionally) Additional price* for three-phase motors up to 1.1 kW Additional price* for three-phase motors up to 1.5 kW and explosion proof three-phase motors Ex Complete set for retrofitting available pumps *(Please indicate Ref. No. for additional price when ordering a pump)	0172-891 0172-892 ● 0172-890 ●
	2 Impulse transmitter Must be ordered additionally suitable for the shaft diameter of the motor. For shaft diameters:	Ø 19 mm 0172-824 Ø 20 mm 0172-825 Ø 24 mm 0172-826 Ø 25 mm 0172-827 Ø 28 mm 0172-828 Ø 30 mm 0172-829

● Suitable for transferring combustible and easy inflammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Specification	Order-No.	Product detail
3 Control unit with touch screen display and menu-navigated operation. Is intended for evaluation of impulses and display of flow volume, battery-operated** Control unit BE10 Control unit Ex BE10B Power supply unit NG10 230 V for external power supply of the operating unit 220-240 V, 50-60 Hz, II (2) G [Ex ib] IIC	0230-000 0230-010 ● 0230-230	  
Accessories optional Relay module RM30 For three-phase motors up to 1.5 kW allows the filling with pre-selection (batch function), 400 V, 1.5 kW, 50 Hz, II (2) G [Ex ib] IIC Power cable RM30 400V 400 V, 50 Hz, 5-wire, 5 m long Connecting cable motor RM30 400V 400 V, 50 Hz, 5-wire, 0.6 m long Relay module RM10 For three-phase motors with frequency converter allows the filling with pre-selection (batch function), 220-240 V, 50-60 Hz, II (2) G [Ex ib] IIC Power cable RM10 230V 230 V, 50 Hz, 5 m long Adapter cable motor RM-FU 230V/24V For three-phase motors with frequency converter 230V AC/24V DC	 0230-220 For RM30 0211-388 For RM30 0211-386 For RM10 0230-200 For RM10 0211-155 For RM10 0230-323	     

** Limited battery operation without power supply unit possible