

WITH MECHANICAL SEAL
AND SEALLESS

fine thing



DRUM PUMPS STAINLESS STEEL

IF NO CONTAMINATION AND PRODUCT
CARRYOVER IS ALLOWED



FOOD



BEVERAGE



PHARMACEUTICAL



COSMETICS

**Drum pumps stainless steel with
mechanical seal (MS) and sealless (SL)**

DRUM PUMPS STAINLESS STEEL

**IF EASY CLEANING, DURABILITY AND
EXPLOSION-PROOF ARE REQUIRED**

PAINTS + COATINGS

ACIDS + BASES

SOLVENTS

SPECIAL APPLICATIONS, PLANT ENGINEERING



drum pumps stainless steel with features **for the top position**

DRUM PUMPS STAINLESS STEEL

		Simple Disassembly SD-SS-	A	S	Sealles SL-SS-
					
What is important for your application					
large capacity			X		
high pressure				X	
viscosity up to 1.500 mPas (pd500)				X	
hydraulic tuning				X	
many different liquids					X
mixing function					
simple disassembly (SD)	X				
easy to clean	X				X
explosion proof					
continous work with induction motor				X	
tube length	container size	ord.-no.			
700 mm	hobbock 30l	631-0001	631-0006		
1000 mm	drum up to 220 l	631-0002	631-0007		
1200 mm	IBC up to 1000 l	631-0003	631-0008		
> 1200 mm	special container	on demand	on demand		
electrical motors without explosion proof					
p310 optimised in price	preferred combination	X			
p400 the ideal drive	improved hydr. performance	X	X		
pd500 silent worker	smooth product treatment		X		
electrical motors with explosion proof					
EX700 for hazardous locations	safety by power	X	X		
pd500 Ex	smooth product treatment		X		
compressed air motor for all applications					
d600 for hazardous locations	the power drive	X	X		



	ord.-no.				ord.-no.			ord.-no.	
691-0001	696-0001	691-0006		691-0011	696-0011	691-0016		631-0021	636-0021
691-0002	696-0002	691-0007		691-0012	696-0012	691-0017		631-0022	636-0021
691-0003	696-0003	691-0008		691-0013	696-0013	691-0018		631-0023	636-0021
on demand	on demand	on demand		on demand	on demand	on demand		on demand	on demand

X				X				X	
X	X	X		X	X	X		X	X
		X				X			
X	X	X		X	X	X			
		X				X			
X	X	X		X	X	X			

Drive motors, select the best drive for every

p310 optimised in price



p400 the ideal drive



properties

short and occasional use,
it likes light and thin liquids,
internal cooling

big resources in power
and durability,
works quickly and saves time,
internal cooling

options

low voltage release (LVR)
recommended according to
EU-directives, speed reducer (SR) varies pressure and capacity

low voltage release (LVR)
recommended according to
EU-directives, speed reducer (SR) varies pressure and capacity, IP54 with TEFC (MA)

data

power (W)

520

850

voltage (V)

230

120

230

120

protection class

IP24

IP24 / IP54

IP24

LVR*

optional

optional

SR**

optional

optional

weight (kg)

3,5

4

type of impeller s. p. 4/5

Förderelement s.S. 4/5

max. spec. gravity (kg/l)

A

1,4

A / R / S

2 / 1,8 / 1,5

max. viscosity (mPas)

250

A / R / S

800 / 600 / 500

ord.-no

500-0016

500-0028

ord.-no

500-0023

500-0025

with LVR*

with SR** and LVR

500-0074

500-0060

500-0069

500-0066

without LVR

500-0017

500-0029

500-0024

500-0026

without LVR with SR

500-0054

500-0057

500-0056

500-0063

magnetic clutch , LVR

500-0030

500-0032

500-0034

500-0036

magnetic clutch , LVR, SR

500-0061

500-0062

500-0067

500-0068

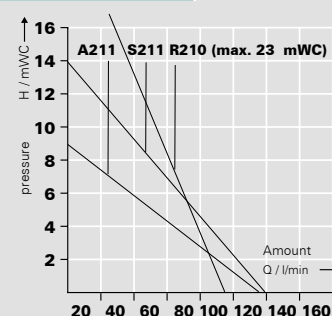
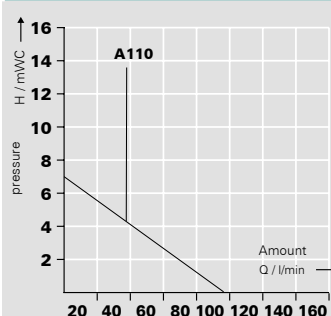
TEFC (MA) IP54

500-0072

characteristics

* low voltage release
** speed reducer

recommended types



application

Ex700

safety through power in hazardous locations



big resources in power and durability, certified for the most liquids, external cooling (TEFC)

without LVR available for special applications

pd500

the silent marathon worker



New connection technology: metal replaces plastic, robust for use in harsh environments

robust, without wear, powerful for viscous liquids, smooth product treatment with feed screw (S) 2800 rpm

single phase induction motor 230 V, three phase 230/400 V, explosion proof 3- phase 230/400 V, overload protection switch

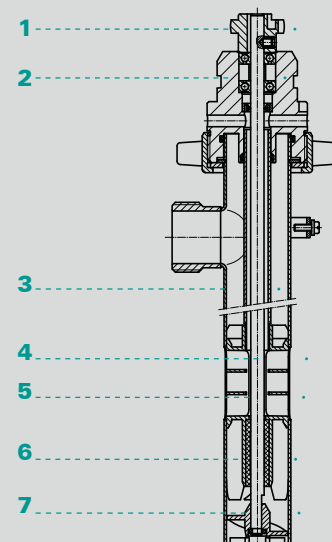
d600

the power drive for all locations



for heavy duty applications, economical air consumption, certified for hazardous locations, starting knob fixable, lightweight

- | | |
|------------------|--------|
| 1. coupling | PA |
| 2. pump head | SS |
| 3. pump tube | SS |
| 4. Drive shaft | SS |
| 5. inner tube | SS |
| 6. slide bearing | Carbon |
| 7. Impeller | ETFE |



700

230

IP54

EU-directive

6

type of impeller s. p. 4/5

A / R / S 1,8 / 1,6 / 1,4

600 / 500 / 400

370 und 550

230

400

IP54

optional

frequency inverter ord.-no. 760-0198

5

5

type of impeller s. p. 4/5

S: 2

S: 2,5

S: 1500

S: 1800

600

compressed air 3-7 (bar)

air consumption 15 (l/s)

-

weight (kg) 2

type of impeller s. p. 4/5

A / R / S 2 / 2 / 2

A / R / S 800 / 800 / 800

ord.-no

510-0010

510-0012

ord.-no

pd500-1-0,55-230 500-0044

pd500-3-0,37 230/400 500-0039

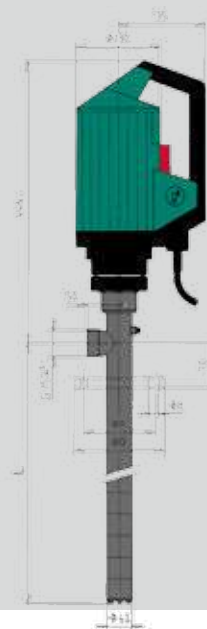
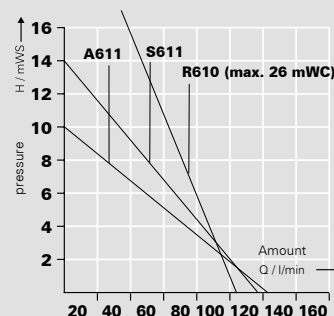
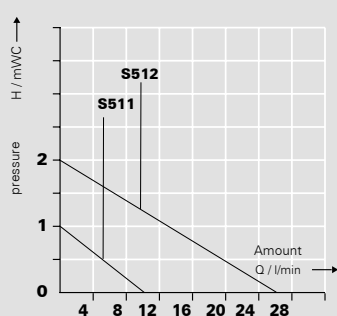
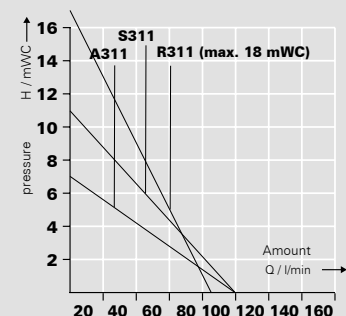
pd500-FU-0,55 kW 500-0043

pd500 Ex-0,37 230/400 510-0009

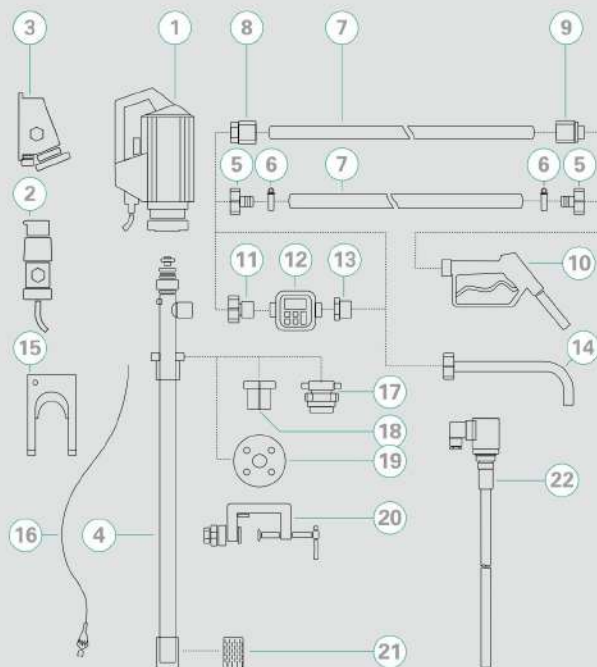
AtEx

ord.-no

520-0016



ACCESSORIES



- 1 Drive motor
- 2 Explosion-proof plug
- 3 Explosion-proof socket
- 4 Pump tube
- 5 Hose connector
- 6 Hose clamps
- 7 Hose
- 8 Hose fittings
- 9 Hose fittings
- 10 Nozzle
- 11 Flow meter connection
- 12 Flow meter
- 13 Reducing piece
- 14 Discharge spout
- 15 Wall bracket
- 16 Equipotential bonding cable
- 17 Emission proof drum adapter
- 18 Drum adapter
- 19 Installation flange
- 20 Clamping device
- 21 Foot strainer
- 22 Level switch



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