

Complete-drainage drum pumps in stainless steel and PP



Product profile

A drum pump always consists of a pump tube and a drive motor. They are connected by a quick release coupling. All pump tubes can be combined with all motors. The complete-drainage pump tube is fitted with a foot valve. This can be opened or closed manually with a lever.

For drum pump accessories see pages 28-34.

Advantages



- no inner-tube
- easily accessible shaft
- easy to clean
- solid shaft
- robust mechanical seal



- multistage design
- therefore lower speed, less wear, lower noise and longer life
- more stages possible, gives more pressure



- quick release coupling
- speedy connection
- only 1/4 turn
- robust design
- rugged bow-gear coupling
- suitable for aggressive environments

OPERATING DATA PUMP TUBES

pump tube	drive shaft	number of impellers	t max. °C	weight kg	immersion depth in mm		
					700	1000	1200
RE-PP-R-SS	SS	3	50	2,5	615-0016	615-0017	615-0018
RE-PP-R-HC	HC	3	50	2,5	615-0019	615-0020	615-0021
RE-SS-R	SS	3	100	4,2	635-0010	635-0011	635-0012

R = 3 radial impeller for high delivery head

PP = polypropylene, SS = stainless steel 1.4571, HC = Hastelloy C-4

special immersion depth on request

OPERATING DATA DRIVE MOTORS

universal motors	p310			p400				compressed air motor	d600
	p310	p310-A	p310-SR	p400	p400-A	p400-A-SR	p400-A-MA		
power	520 Watt	520 Watt	520 Watt	850 Watt	850 Watt	850 Watt	700 Watt	power	600 Watt
voltage	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz	air pressure	3 – 7 bar
protection class	IP 24	IP 24	IP 24	IP 24	IP 24	IP 24	IP 54	air consumption	10 l/sec
weight	3,5 kg	3,5 kg	3,5 kg	4,0 kg	4,0 kg	4,0 kg	5,8 kg	switch	yes
LVR	yes	no	no	yes	no	no	no	weight	1,7 kg
order-no.	500-0016	500-0017	500-0054	500-0023	500-0024	500-0056	500-0052	order-no.	520-0016

LVR = low voltage release, other voltages see page 8

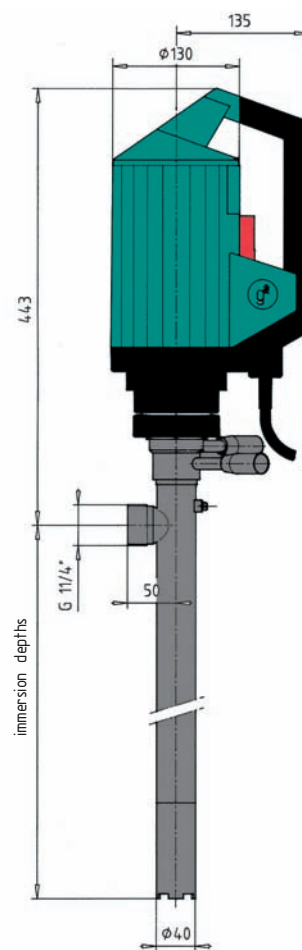


Applications

The complete-drainage drum pump should be used when drums need to be completely emptied. Thereby the cost of waste material and contamination of the environment will be reduced. With materials in PP or SS, the pumps are suitable for handling a wide range of applications.

OPERATING DATA DRUM PUMPS

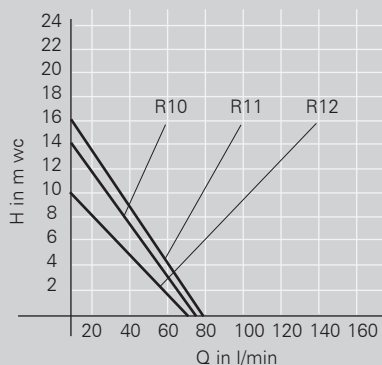
		RE-PP-R SS/HC	RE-SS-R
pump tube ▶			
drive motor ▼			
p310...	characteristic curve no.	R10	R10
max. delivery rate	l/min	70	70
max. delivery head	m wc	14	14
max. viscosity	mPas	250	250
max. density	g/cm ³	1,6	1,6
weight motor + pump tube	kg	5,8	7,7
p400...	characteristic curve no.	R11	R11
max. delivery rate	l/min	80	80
max. delivery head	m wc	16	16
max. viscosity	mPas	700	700
max. density	g/cm ³	2,0	2,0
weight motor + pump tube	kg	6,3	8,2
d600	characteristic curve no.	R12	R12
max. delivery rate	l/min	70	70
max. delivery head	m wc	10	10
max. viscosity	mPas	400	400
max. density	g/cm ³	1,9	1,9
weight motor + pump tube	kg	4,0	5,9



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Important:

- These drum pumps are not explosion-proof.
- Do not pump inflammable liquids.
- For explosion-proof drum pumps see pages 26 and 27.

Notes: