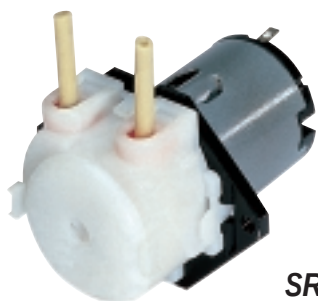
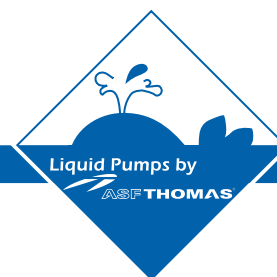


Peristaltic Pumps

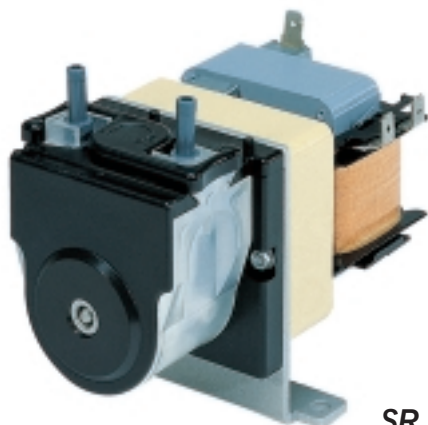
Series SR 10 · SR 25



SR 10/30

Product Features

- Compact design
- Quick change of cassette (SR10)/tubing (SR25)
- Infinite tubing possible
- Self priming
- Safe to run dry
- Maintenance free
- Left- and right handed run (only DC drive)
- Different tubing materials



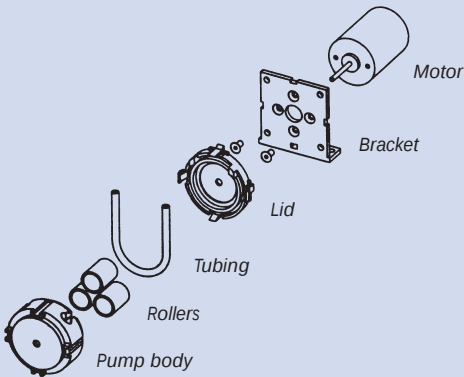
SR 25

Range of applications

- Chemical industry
- Medical industry
- Laboratory and analysis technology
- Food sector
- Hygiene, disinfection

Functional Description

SR10



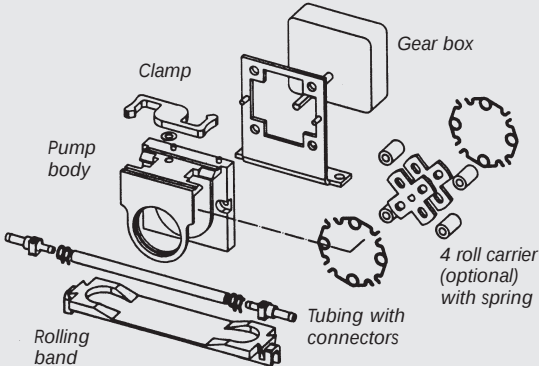
- No gear necessary.
- Speed reduction through friction from the motor shaft to the rolls.
- Very easy construction with the use of only a few parts.
- Quick change of the cassette.
- Use of only 3 rollers.
- Only for short time operation.
- If storing longer than three month, we recommend to take the cassette off the motor shaft and store it separately.

Important

We recommend an additional control unit for the use as a dosing pump.

Suction height 8 mWC
Pressure height 8 mWC

SR25

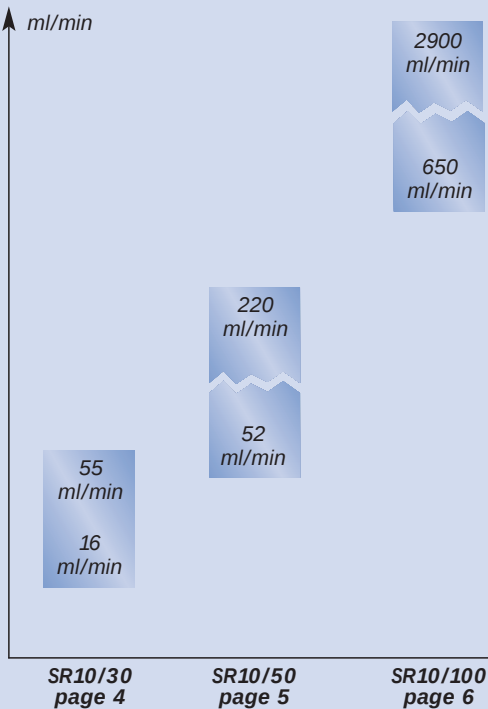


- Different gear motors possible.
- Reduction of nominal speed through a gear box.
- Protection of the tubing using spring loaded rollers and guiding side rollers.
- Quick tube changing.
- Roll carrier with 2 rollers, optional with 4 rollers.
- Depending on the drive also for continuous operation.
- If storing longer than three months, we recommend to remove the tubing of the SR 25.

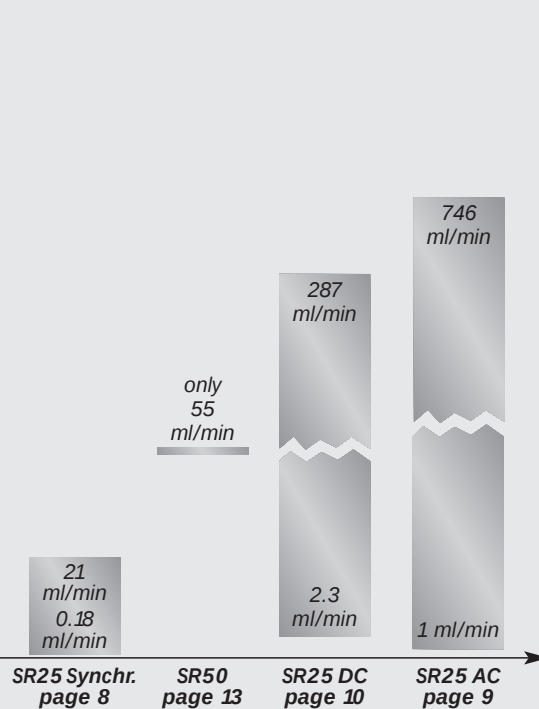
Suction height 8 mWC
Pressure height 10 mWC

Flow Range

SR10



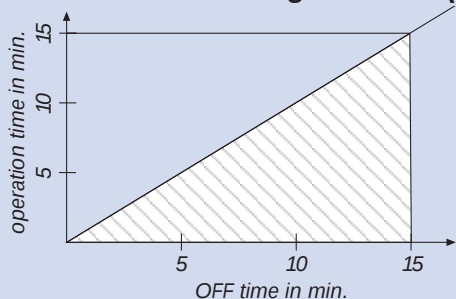
SR25



SR10

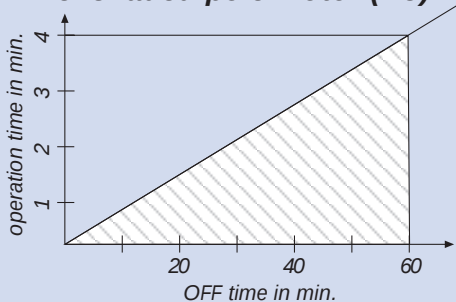
SR10/30 and SR10/50

Drive: Permanentmagnetmotor (DC)

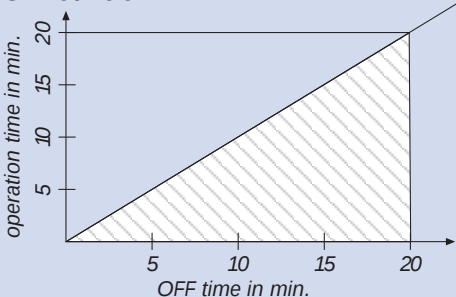


SR10/30 and SR10/50

Drive: Shaded pole motor (AC)

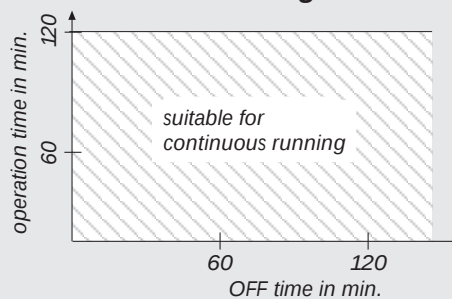


SR10/100

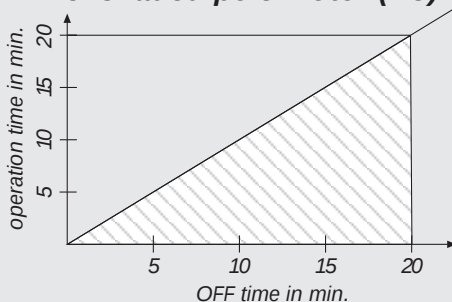


SR25

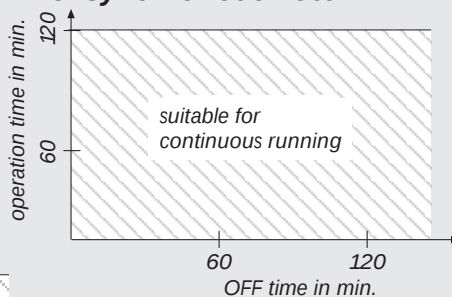
Drive: Permanentmagnetmotor (DC)



Drive: Shaded pole motor (AC)



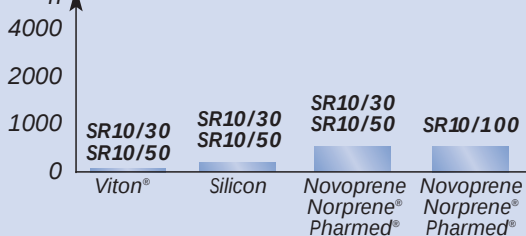
Drive: Synchronousmotor



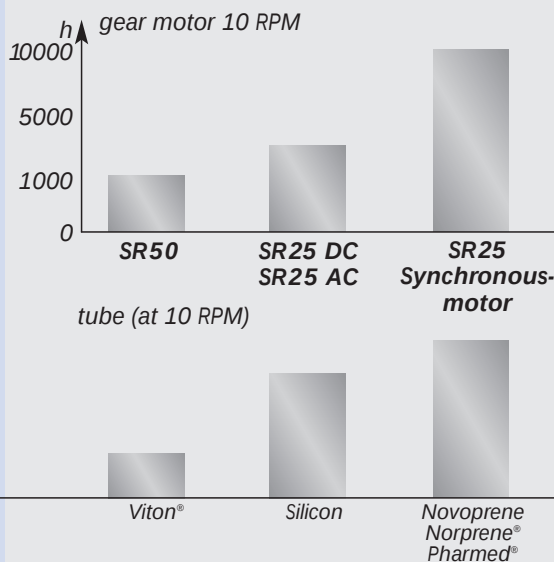
recommended operating range

SR10

Cassette with tube



SR25

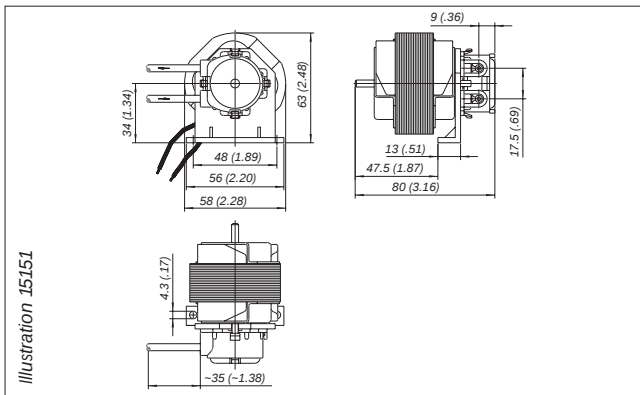


Peristaltic Pump SR10/30

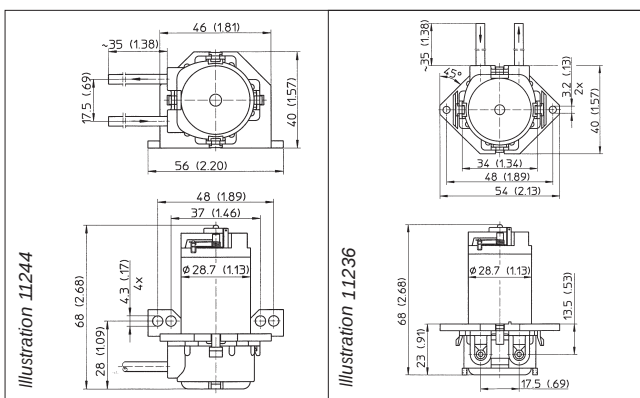
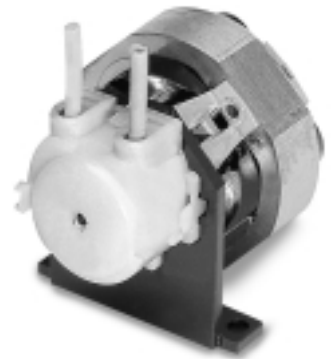
only for short time operation

16 – 55 ml/min

Physical Data



SR10/30 AC



SR10/30 DC
angled fixing
 (straight without illustration)
 interference suppression according to
 EN 55011 B (CE-konform)



Technical Data

Tubing Novoprene			Tubing Pharmed®			Fixing	Inner Tubing Ø mm	Flow ¹⁾ ml/min
12 V DC	24 V DC	230/50 Hz	12 V DC	24 V DC	230/50 Hz			
20300312*	20300342*		20300512	20300542		straight	1.0	16
20300313*	20300343*	20300361*	20300513	20300543	20300561	angled		
20300314	20300344		20300514	20300544		straight	1.5	28
20300315	20300345	20300362	20300515	20300545	20300562	angled		
20300316	20300346					straight	2.0	38
20300317	20300347	20300363				angled		
20300318	20300348		20300235	20300237		straight	2.5	55
20300319	20300349	20300364	20300236	20300238	20300239	angled		

Tubing Silicon			Fixing	Inner Tubing Ø mm	Flow ¹⁾ ml/min
12 V DC	24 V DC	230/50 Hz			
20300412	20300442		straight	1.0	16
20300413	20300443	20300461	angled		
20300414	20300444		straight	1.5	28
20300415	20300445	20300462	angled		
20300416	20300446		straight	2.0	38
20300417	20300447	20300463	angled		
20300418	20300448		straight	2.5	55
20300419	20300449	20300464	angled		

Option: high quality DC motor,
 stepper motor

current consumption depending on the tubing diameter,
 at free flow and nominal voltage
 12 V DC: 180 – 300 mA
 24 V DC: 90 – 150 mA
 230 V/50 Hz: 170 mA

1) Note: The indicated values are average. The actual values depend on
 different parameters like quality and age of tubing, pressure of
 tubing beds, pressures proportions, viscosity, etc.
 Please also have a look on page 2 regarding the recommended
 running times.

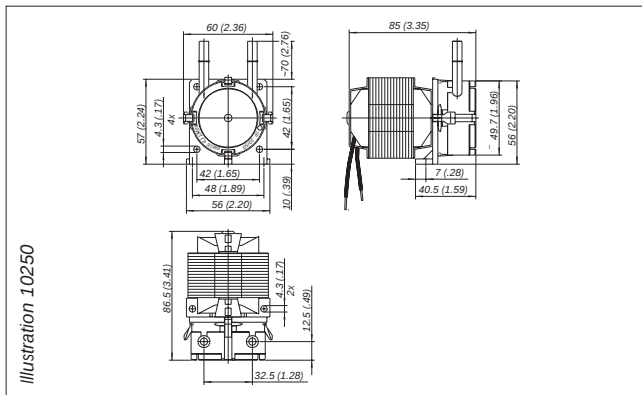
* Tubing Norprene

52 – 220 ml/min

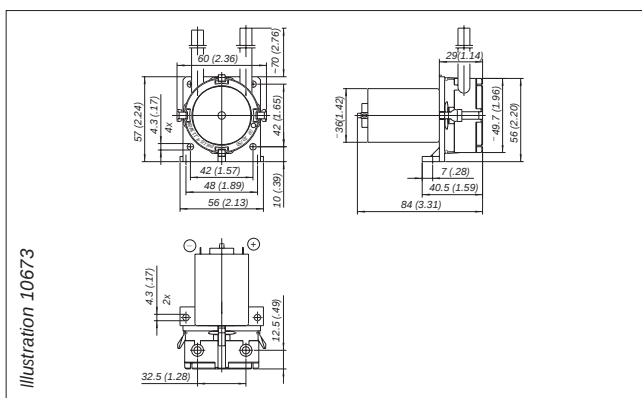
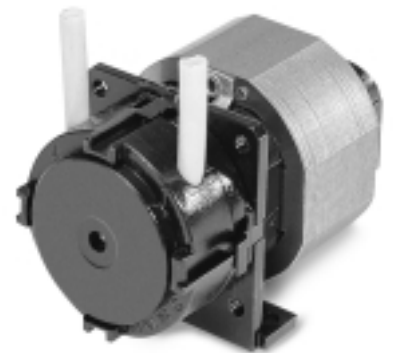
Peristaltic Pump SR10/50

only for short time operation

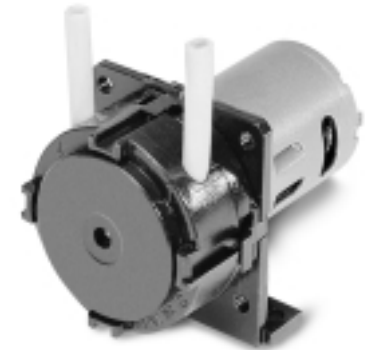
Physical Data



SR10/50 AC



SR10/50 DC



Technical Data

Tubing Novoprene			Tubing Pharmed®			Inner Tubing Ø mm	Flow ¹⁾ ml/min
12 V DC	24 V DC	230/50 Hz	12 V DC	24 V DC	230/50 Hz		
					20500717	2.0	52
			20500701	20500704			70
		20500519			20500718	2.4	75
20500501	20500505		20500702	20500705			100
		20500520				3.2	110
20500502	20500506						170
		20500521			20500719	4.1	165
20500503	20500507		20500703	20500706			220

Tubing Silicon			Inner Tubing Ø mm	Flow ¹⁾ ml/min
12 V DC	24 V DC	230/50 Hz		
		20500619	2.0	52
20500601	20500605			70
		20500620	2.5	75
20500602	20500606			100
		20500621	4.0	165
20500603	20500607			220

Option: Straight flange for flush mounting part number 20501...
Recommended inference suppression according to EN 55011 B (CE-conform)
12/24 V DC – with additional circuit board 29004264

current consumption depending on the tubing diameter,
at free flow and nominal voltage
12 V DC: 0.4 – 0.54 A
24 V DC: 0.2 – 0.27 A
230 V/50 Hz: 0.27 A

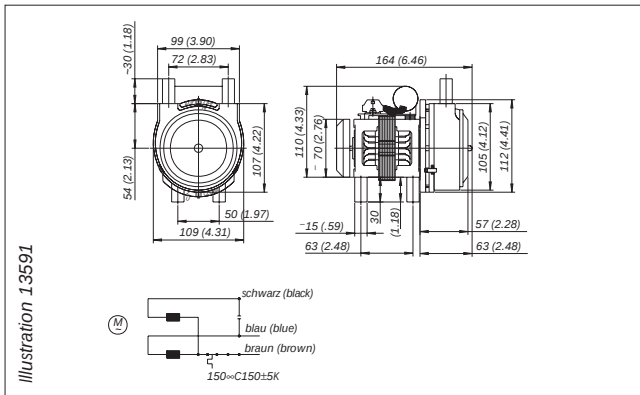
1) Note: The indicated values are average. The actual values depend on different parameters like quality and age of tubing, pressure of tubing beds, pressures proportions, viscosity, etc.
Please also have a look on page 2 regarding the recommended running times.

Peristaltic Pump SR10/100

only for short time operation

650 – 2900 ml/min

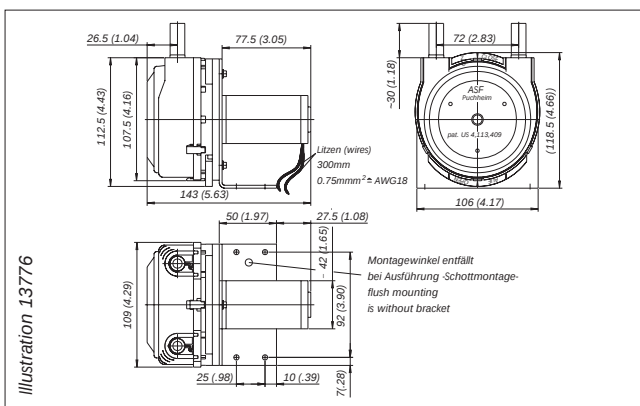
Physical Data



SR10/100 AC

NEW

Also available
with a IP54 motor,
cable and plug



SR10/100 DC With bracket



Technical Data

Tubing Norprene®		Tubing Pharmed®		Fixing	Inner Tubing Ø mm	Flow ¹⁾ l/min
12 V DC	24 V DC	12 V DC	24 V DC			
21001006	21001007	21001106	21001107	bracket	6.35	1.3
21001012	21001013	21001112	21001113	flush mount		
21001008	21001009	21001108	21001109	bracket	8.0	2.3
21001014	21001015	21001114	21001115	flush mount		
21001010	21001011	21001110	21001111	bracket	9.5	2.9
21001016	21001017	21001116	21001117	flush mount		

Tubing Norprene® 230V/50 Hz	Tubing Pharmed® 230V/50 Hz	Motor speed 1/min	Inner Tubing Ø mm	Flow ¹⁾ l/min
21001018	21001118	1400	6.35	0.65
21001019	21001119	1400	8.0	1.15
21001020	21001120	1400	9.5	1.45
21001000	21001100	2800	6.35	1.3
21001001	21001101	2800	8.0	2.3
21001002	21001102	2800	9.5	2.9

Option: Recommended inference suppression according to EN 55011 B (CE-conform)
12/24 V DC – with additional circuit board 29004256

current consumption at free flow and nominal voltage 12 V DC: 3.0 A
24 V DC: 1.5 A
230 V/50 Hz: 0.4 A

1) Note: The indicated values are average. The actual values depend on different parameters like quality and age of tubing, pressure of tubing beds, pressures proportions, viscosity, etc.
Please also have a look on page 2 regarding the recommended running times.

Model SR10/30

Tubing		Direct Current	Drive Alternating Current
Norprene	1.0 x 1.1 mm	92030516	92030515
Novoprene®	1.5 x 1.0 mm	92030703	92030514
Novoprene	2.0 x 1.0 mm	92030702	92030513
Novoprene	2.5 x 1.0 mm	92030701	92030704
Pharmed®	1.0 x 1.1 mm	92030548	92030604
Pharmed	1.5 x 1.1 mm	92030534	92030549
Pharmed	2.5 x 1.0 mm	92030611	92030603
Silicon	1.0 x 1.0 mm	92030800	92030505
Silicon	1.5 x 1.0 mm	92030802	92030554
Silicon	2.0 x 1.0 mm	92030804	92030555
Silicon	2.5 x 1.0 mm	92030806	92030553

Model SR10/50

Novoprene	2.4 x 1.6 mm	92050576	
Novoprene	3.2 x 1.6 mm	92050577	
Novoprene	4.1 x 1.6 mm	92050578	
Pharmed®	2.0 x 1.6 mm	92050585	
Pharmed®	2.4 x 1.6 mm	92050586	
Pharmed®	4.0 x 1.6 mm	92050587	
Silicon	2.0 x 1.6 mm	92050581	
Silicon	2.5 x 1.6 mm	92050582	
Silicon	4.0 x 1.6 mm	92050583	

Model SR10/100

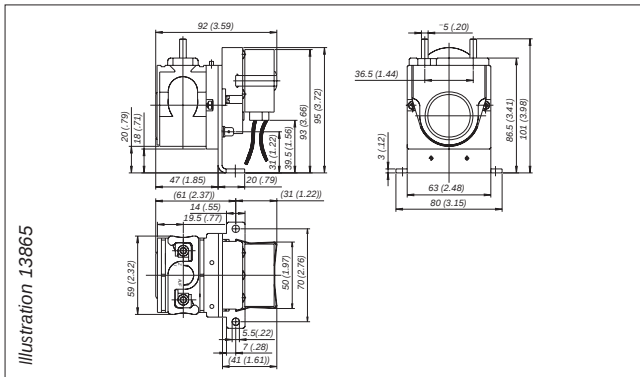
Norprene®	6.35 x 2.4 mm	92100512	
Norprene®	8.0 x 2.4 mm	92100504	
Norprene®	9.5 x 2.4 mm	92100501	
Pharmed®	6.35 x 2.4 mm	92100515	
Pharmed®	8.0 x 2.4 mm	92100516	
Pharmed®	9.5 x 2.4 mm	92100517	

Peristaltic Pump SR25 Synchr.

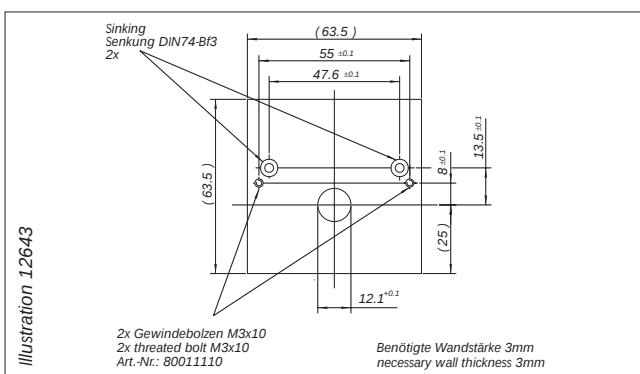
230 V/50Hz, synchronousmotor, for continuous operation

0,18 – 21 ml/min

Physical Data



SR25 1 bis 15 RPM
Synchronousmotor



bore pattern to fit
in a housing

Technical Data

	Nominal speed			
	1 RPM	5 RPM	10 RPM	15 RPM
Tubing Novoprene	Flow¹⁾ ml/min			
N1.6 x 1.6 mm	0.18	1.0	1.9	2.8
part number	20251737	20251350	20251354	20251769
N3.2 x 1.6 mm	0.68	3.4	7.0	10.5
part number	20251738	20251351	20251355	20251770
N4.1 x 1.6 mm	1.0	5.0	10	15
part number	20251739	20251352	20251356	20251771
N4.8 x 1.6 mm	1.3	6.8	14	21
part number	20251740	20251353	20251357	20251772
Electrical data				
motor voltage	230 (115) V/50–60 Hz			
motor	synchronous			
isolation class	E			
nominal speed	7.5 W			
General data				
protection class	IP00			
weight	0.39 kg			

Material of tubing connectors:
Tubing Novoprene: Ø 1.6/3.2 mm – PVC
Ø 4.1/4.8 mm – PP

2025... stock program

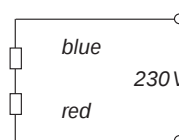
1) Note:

The indicated values are average. The actual values depend on different parameters like quality and age of tubing, pressure of tubing beds, pressures proportions, viscosity, etc.

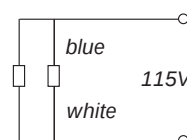
Please also have a look on page 2 regarding the recommended running times.

nominal speed inner Ø x wall thickness
order code: SR25 - 10 RPM / N4,8 x 1,6
type tubing quality:
S = Silicon
N = Novoprene

Electrical wiring:



Option:

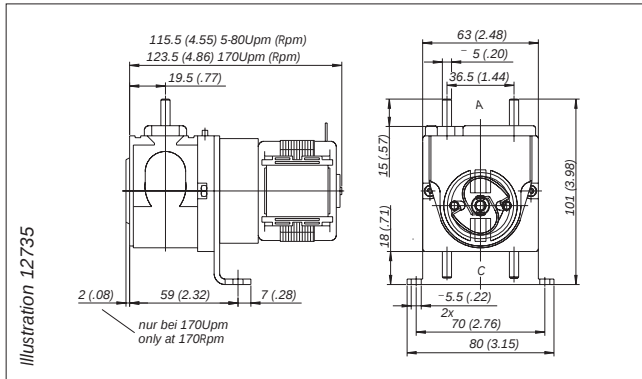


1,0 – 746 ml/min

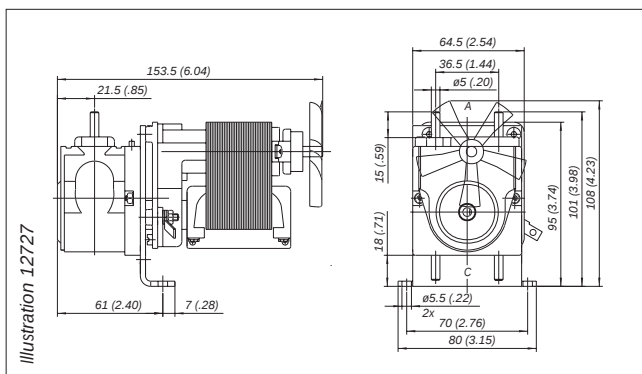
Peristaltic Pump SR25 AC

230 V/50Hz, shaded pole motor, short time operation

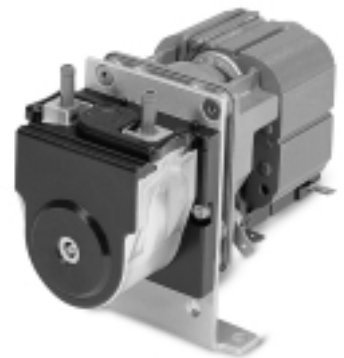
Physical Data



SR25 5 bis 170 RPM
Shaded pole motor



SR25-500 RPM
Shaded pole motor



Technical Data

	Nominal speed						
	5 RPM	10 RPM	30 RPM	65 RPM	80 RPM	170 RPM	500 RPM
Tubing Novoprene	Flow ¹⁾ ml/min						
N 1.6 x 1.6 mm	1.0	1.9	5.6	12	15		
part number	20250001	20250875	20250009	20250013	20250893		
N 3.2 x 1.6 mm	3.4	7.0	21	47	56	113	374
part number	20250002	20250873	20250010	20250014	20250892	20250900	20250916
N 4.1 x 1.6 mm	5	10	30	68	85	170	545
part number	20250869	20250007	20250881	20250886	20250891	20250899	20250914
N 4.8 x 1.6 mm	6.8	14	40	90	110	220	690
part number	20250744	20250872	20250880	20250884	20250020	20250898	20250913
Tubing Silicon	Flow ¹⁾ ml/min						
S 2.0 x 1.0 mm	1.5	2.9	8.8	20	24		
part number	20250871	20250879	20250883	20250890	20250897		
S 3.0 x 1.0 mm	2.8	5.4	16	36	43		
part number	20250520	20251026	20250882	20250889	20250896		
S 4.0 x 1.5 mm	5.4	11.0	32	70	86	173	546
part number	20250519	20250877	20251280	20250888	20250895	20250904	20250920
S 5.0 x 1.5 mm	7.5	15.0	45	88	119	239	746
part number	20250870	20250876	20250047	20250887	20250057	20250903	20250919
Electrical data							
motor voltage	230 V/50 Hz					230 V/50 Hz	230 V/50 Hz
motor	shaded pole motor					shaded pole motor	shaded pole motor
nominal speed	16 watts					27 watts	68 watts
isolation class	E					E	E
General data							
protection class	IP00					IP00	IP00
weight	0.7 kg					0.85 kg	1.5 kg

Material for tubing connectors:

Tubing Silicon : for all Ø PVC
Tubing Novoprene : Ø 1.6/3.2 mm – PVC
Ø 4.1/4.8 mm – PP

nominal speed inner Ø x wall thickness
order code: SR25 - 10 RPM / N4,8 x 1,6
type tubing quality:
S = Silicon
N = Novoprene

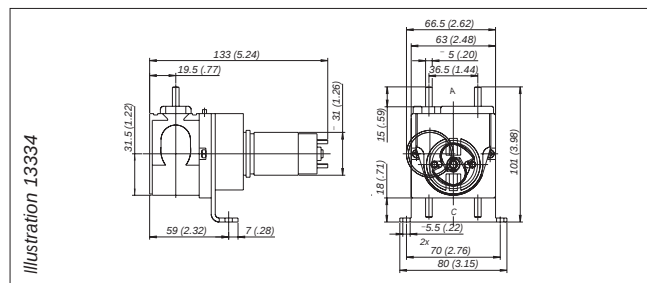
2025... stock program

Peristaltic Pump SR25 DC

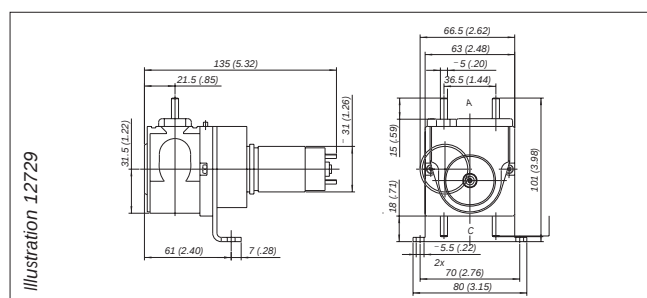
12/24 V, direct current motor

2,3 – 287 ml/min

Physical Data



SR25 5 to 80 RPM
Direct current motor



SR25 -170 RPM
Direct current motor



Technical Data

	Nominal speed				
	10 RPM	30 RPM	65 RPM	80 RPM	170 RPM
Tubing Novoprene	Flow ⁽¹⁾ ml/min				
N1.6 x 1.6 mm	2.3	6.7	14.4		
part number 12 V	20250988	20251397	20251410	–	*
part number 24 V	20251388	20251401	20250266	*	*
N3.2 x 1.6 mm	8.4	25	56	67	
part number 12 V	20251387	20251398	20251411	–	*
part number 24 V	20251371	20251255	20251412	20251425	*
N4.1 x 1.6 mm	12.0	36	82	102	204
part number 12 V	20250088	20251399	20250083	–	20251261
part number 24 V	20251389	20251402	20250082	20251010	20250396
N4.8 x 1.6 mm	17	48	118	132	264
part number 12 V	20251325	20251400	20250426	–	20251224
part number 24 V	20251247	20251403	20251413	20250287	20250130
Tubing Silicon	Flow ⁽¹⁾ ml/min				
S2.0 x 1.0 mm	3.5	10.6	24		
part number 12 V	20251390	20251404	20251414	–	*
part number 24 V	20251394	20251407	20251418	*	*
S3.0 x 1.0 mm	6.5	19	43	52	
part number 12 V	20251391	20251405	20251415	–	*
part number 24 V	20251395	20251408	20251419	20251433	*
S4.0 x 1.5 mm	13	38	84	103	208
part number 12 V	20251392	20250302	20251416	–	20250228
part number 24 V	20251396	20251409	20250746	20251434	20250901
S5.0 x 1.5 mm	18	54	116	143	287
part number 12 V	20251393	20251406	20251417	–	20251441
part number 24 V	20250092	20251366	20251420	20251435	20251444
Electrical data					
motor	direct current motor				
nominal speed	2 W		3.5 W		7 W
General data					
weight	0.6 kg				

Material of tubing connectors:
tubing Silicon : for all Ø PVC
tubing Novoprene : Ø 1.6/3.2 mm - PVC
Ø 4.1/4.8 mm - PP

Option: Recommended inference suppression according to EN 55011 B (CE-conform)
12/24 V DC – with additional circuit board 29002445

* on request

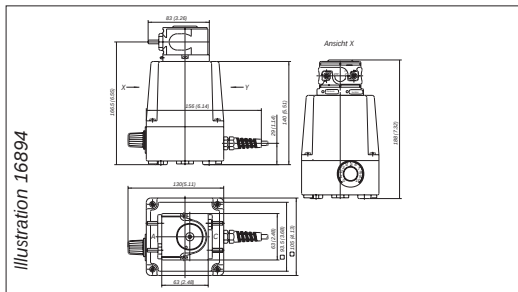
2025... stock program

0,21 – 300 ml/min

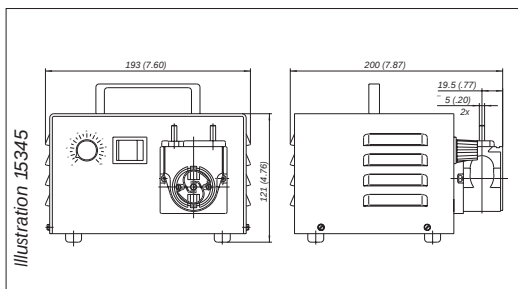
Peristaltic Pump SR25 – Adjustable

Direct current motor or stepper motor

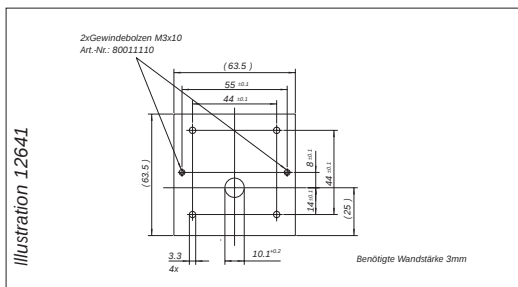
Technical Data



**SR25 – Adjustable
plastic housing
with Synchronous motor
or Permanentmagnet motor**



**SR25 – Adjustable
DC motor
sheet metal housing**



**bore pattern to fit
in a housing
for pumps with a DC motor
(and shaded pole motor)**

Physical Data

Direct current motor

voltage: 230 V/50 Hz

power consumption: 7 watts

tubing: Novoprene 4.8 x 1.6 mm

pressure height: max. 10 mWC

suction height: max. 8 mWC

Stepper motor

voltage: 230 V/50 Hz

power consumption: 7.5 watts

tubing: Novoprene

pressure height: max. 10 mWC

suction height: max. 8 mWC

<i>Flow range¹⁾</i>	<i>Speed of the pump</i>	<i>Part number with housing</i>	
<i>ml/min</i>	<i>(1/min)</i>	<i>plastic</i>	<i>sheet metal</i>
20 – 80	30	20251636	20251632
80 – 300	170	20251885	20251633

The pump is driven by a direct current motor, which is supplied with 230V/50Hz, through an output regulator and a mains supply.

EMC guide line

Resistance to jamming according to EN 50082-1 and EN 50082-2

Interference suppression according to EN 55011 B

<i>Flow range¹⁾ ml/min</i>	<i>Tubing dimension mm</i>	<i>Part number with plastic housing</i>
0,21 – 21	N 4,8 x 1,6 mm	20251638

EMC guide line

Interference suppression according to EN 55011 B

1) Note: The indicated values are average. The actual values depend on different parameters like quality and age of tubing, pressure of tubing beds, pressures proportions, viscosity, etc.
Please also have a look on page 2 regarding the recommended running times.

2025... *stock program*

Spare Parts SR25

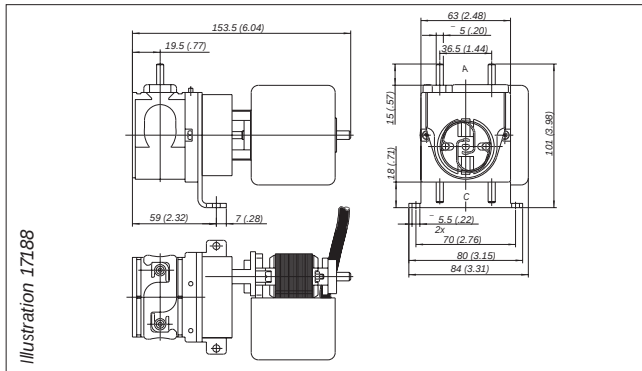
Tubing with connectors		Tubing		Connectors	Part number	
		Novoprene	1.6 x 1.6 mm	PVC	92025500	
		Novoprene	3.2 x 1.6 mm	PVC	92025501	
		Novoprene	4.1 x 1.6 mm	PP	92025502	
		Novoprene	4.8 x 1.6 mm	PP	92025503	
		Test-set with all tubings				92025856
		Novoprene	1.6 x 1.6 mm	PVDF	92025552	
		Novoprene	3.2 x 1.6 mm	PVDF	92025533	
		Novoprene	4.1 x 1.6 mm	PVDF	92025549	
		Novoprene	4.8 x 1.6 mm	PVDF	92025563	
		Silicon	2.0 x 1.0 mm	PVC	92025507	
		Silicon	3.0 x 1.0 mm	PVC	92025508	
		Silicon	4.0 x 1.5 mm	PVC	92025509	
		Silicon	5.0 x 1.5 mm	PVC	92025532	
Test-set with all tubings				92025857		

7 ml/min

Peristaltic Pump SR25-10RPM, with EX-Motor

Supply voltage: 230 V/50 Hz
Motor in Ex class: Eex m II T3

Tubing	Part number
Novoprene 3.2 x 1.6mm	20251857



SR25 10RPM EX



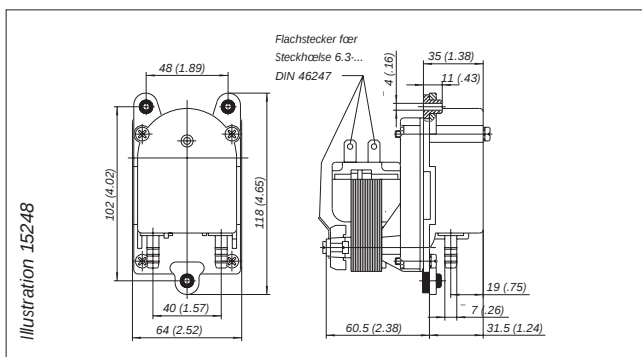
55 ml/min

Peristaltic Pump SR50 only for intermittent duty

voltage: 230 V/50 Hz
power consumption: 20 watts

pressure height: 10 mWC
suction height: 8 mWC

Tubing	Part number
Novoprene 4.8 x 1.6 mm	20510007
Silicon 5.0 x 1.5 mm	20510009



SR50



Tubing Material

Tubing Properties

Tube	Characteristics	Limitations
Novoprene	Standard tubing for the SR10/30 and SR10/50 long life expectancy wide range of applicability	may swell up with oils or oily liquids
Norprene®	Standard tubing for the SR10/30-1, ON and SR10/100 long life expectancy especially for alkaline solutions suitable	additives and black pigments may leach out
Pharmed®	high quality for Medical, Laboratory and Research use homogeneous structure and therefore comparatively better chem. resistance long life expectancy suitable for mineral, vegetable and animal oil	comparatively with Novoprene more expensive
Silicon	suitable for polar solvents (with the exception of chlorinated aliphatic and aromatized hydrocarbon) no detachment of softening agents very stable elasticity over a wide temperature range (-30 to 180 °C)	not recommended for strong acids or alkaline solution swell up in many organic solution
Viton®	quite good resistance especially against acids low gas permeability	limited service life

Choice of tubing depending on flow medium

		Novoprene	Norprene®	Pharmed®	Silicon	Viton®
Acids	weak medium strong	very good good not recommended			good unsatisfactory not recommended	very good very good good
Alkaline solution	weak medium strong	very good good not recommended	very good very good good		good unsatisfactory not recommended	very good very good good
Hydro-carbons	aliphatic aromatizised halogenated	not recommended				good
temperature range		-10 °C to 130 °C	-10 °C to 130 °C	-10 °C to 130 °C	-30 °C to 180 °C	10 °C to 200 °C
standards/ physiological behaviour		basic material meets FDA (21 CFR 177.2600)	not recommended for food, drinks or medicine	USP, class VI FDA (21 CFR 177.2600) NSF	physiologically inert	not recommended for food, drinks or medicine
chemical structure		thermoplastic elastomer on PP-Basic with cross linked EPDM parts	thermoplastic elastomer on PP-Basic	thermoplastic elastomer on PP-Basic	high cross linked Polysiloxane with anorganic fillers	Fluorcarbonrubber

Chemical Resistance Of Tubing Materials

N = Novoprene Nor = Norprene® Ph = Pharmed® S = Silicon V = Viton®

	N	Nor	Ph	S	V		N	Nor	Ph	S	V
Acetaldehyde	E	A	A	A	C	Iod solution	A	A	A	C	A
Acetate	E	B	A	D	C	Isopropyl alcohol	C	C	C	A	A
Acetic acid	A	A	A	A	C	Lactic acid	A	A	A	C	A
Acetic anhydride	A	B	A	C	C	Linseed oil	A	A	A	A	A
Acetone	B	C	C	A	C	Lithium base grease	E	A	D	A	A
Alcohol	B	C	C	A	A	Magnesium chloride solution	A	A	A	A	A
Aluminium chloride	E	A	A	D	A	Mercury salts	A	A	A	C	A
Aluminium sulfate	E	A	A	A	A	Methanol	A	A	D	A	B
Ammonia	A	A	A	C	C	Methyl ethyl ketone	B	B	B	C	C
Ammonium (gas)	A	A	A	A	A	Mineral oil	B	B	A	D	A
Amyl acetate	C	C	E	C	C	Sodium hydroxide	E	A	A	D	A
Amyl alcohol	A	B	B	C	A	(low concentration)					
Aniline	A	C	E	C	D	Natural gas	A	A	A	A	A
Animal oil	B	A	A	D	A	Nitroethane	E	B	B	C	E
Antimony salts	E	A	A	E	D	Nitrogen oxide	E	A	A	C	C
Aqua regia	C	B	B	C	C	Nitrous acid 10%	B	A	A	C	A
Arsenic salts	A	A	A	E	A	Nitrous acid 30%	C	B	B	C	A
Barium salts	E	A	A	C	C	Nitrous acid 70%	C	C	C	C	C
Benzaldehyde	E	C	B	C	C	Oil ASTM (116 °C)	B	A	A	D	E
Benzic acid	A	A	D	E	A	Oleic acid	E	B	B	C	D
Benzol	C	C	C	C	C	Oxalic acid	B	A	A	D	A
Benzylalcohol	E	B	B	B	A	Oxygen	A	A	A	A	E
Bleaching agent	B	A	A	A	A	Perchloric acid	C	C	C	C	A
Boric acid	A	A	A	A	A	Perchloroethylene	C	C	E	C	C
Break liquid	E	A	D	A	C	Phenol	A	B	E	C	A
Bromine	C	A	A	C	A	Phosphoric acid	A	A	A	C	A
Butane	E	B	B	C	A	Phosphorous acid	A	A	A	D	A
Butanol	B	B	B	C	B	Phtalic acid	E	B	A	A	A
Calcium salts	A	A	A	D	A	Potassium salts	A	A	A	E	E
Chromium salts	A	A	A	E	E	Propanol	E	B	B	A	A
Carbon bisulphide	A	C	A	C	C	Pyridine	C	B	B	C	C
Chloracetic acid	A	A	D	E	E	Salt water	A	A	A	A	A
Chlorine, liquid	C	C	C	C	D	Soap solutions	A	A	A	A	B
Chlorobenzene	E	C	C	E	C	Sodium hydroxide 46%	E	B	B	D	A
Chloroform	C	C	C	C	A	Sodium hypochlorite <5%	A	A	D	E	A
Chromic salts	A	A	A	C	A	Sodium hypochlorite >5%	A	A	D	E	A
Cyclohexane	C	C	C	C	A	Sodium salt	A	A	A	A	A
Diesel oil	C	B	B	A	A	Sole	E	A	A	E	E
Ethanol	E	B	E	D	A	Stearic acid	B	A	A	D	E
Ether	E	D	E	C	D	Sulphurdioxide	A	A	A	D	A
Ethylalcohol	A	B	B	C	A	Sulphuric acid	A	A	A	C	A
Ethylene chlorohydrin	E	C	C	C	A	(low concentration)					
Ethylene glycol	E	A	A	A	A	Sulphurous acid	A	A	A	C	A
Fluor boric acid	E	A	A	E	E	(low concentration)					
Fluor silicium acid	E	A	D	E	E	Sulphurtioxide	E	B	B	D	A
Formaldehyde	A	A	A	D	C	Tannic acid	A	A	E	A	A
Formamide	A	A	D	E	C	Tannic extracts	E	A	A	E	A
Formic acid	A	A	A	A	C	Tetrachloromethane	C	C	C	C	C
Furfural	E	B	E	E	C	Tetrahydrofurane	C	C	C	C	A
Glucose	A	A	A	A	A	Toluole	C	C	C	C	C
Hydrochloric acid	A	A	A	C	A	Turpentine	C	B	B	C	A
Hydrocyanic acid	E	A	D	C	A	Uric acid	A	A	A	D	A
Hydrogen peroxide	A	A	A	A	A	Vegetable fat	C	B	A	A	A
Hydrogen sulphide	A	A	A	C	C	Xylene	C	C	C	C	C
Iod	A	A	A	C	A	Zinc chloride	B	B	B	B	A

A = small or no effect

B = minor or moderate effect

C = severe effect

D = no reliable data, please test before use

E = no available data

The material resistance is influenced by temperature and concentration of the medium.

The data has to be seen as indication, and does not guarantee the material properties.

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