

PERISTALTIC PUMPS



TYPE 102

Peristaltic pump with fixed speed. Supplied as standard for 230V AC, but is also available in 12V or 24V versions. The pump is available in 12 different basic versions which provide the possibility of flow rates from 3 yl/min to 200 ml/min. (depending on gearing and tube dimensions).

TECHNICAL DATA TYPE 102.SA and 102.AS

Speed of pump wheel: According to table.

Operating temperature: 0 - 40°C.

Main voltage: Type SA. 230 V or 110 V 50/60 Hz. 7 W.
Type AS. 230 V or 110 V 50/60 Hz. 17 W.

Dimensions without channels:

H 110 x W 110 x D 115 mm.

H 110 x W 110 x D 190 mm.

Weight without channels:

102 SA - 1.7 kg / 102 AS - 2.6 kg.

PUMP CHANNELS FOR PUMP TYPE 102

Type 105.A.1 with 6 pressure rollers.

Tube I.D. mm	0.5	1.0	1.5	2.0	2.5	3.0	4.0
ml per rev.	0.030	0.08	0.20	0.30	0.55	0.67	1.15

Type 105.B.1 with 2 pressure rollers.

Tube I.D. mm	0.5	1.0	1.5	2.0	2.5	3.0	4.0
ml per rev.	0.031	0.111	0.25	0.444	0.70	1.0	1.7

Type 105.L.1 with 3 pressure rollers.

Tube I.D. mm	3.0	4.0	5.0	6.0
ml per rev.	0.95	1.65	2.31	3.3

Type	Max. number channels		Revs./min.
	A and B	L	
102AS.406G60	10	3	60
102AS.406G30	10	3	30
102AS.406G20	10	3	20
102AS.406G12	10	3	12
102SA.06	10	3	6
102SA.03	11	3	3
102SA.02	12	3	2
102SA.01	12	3	1
102SA.2 min.	12	3	0.5
102SA.3 min.	12	3	0.333
102SA.8 min.	20	5	0.125
102SA.10 min.	20	5	0.1

FLOW = Revs./min. x ml per. rev. (see table).

TYPE 102.SA.11

Front plate for OEM.
(Without motor and channels).

TECHNICAL DATA TYPE 102.SA.11

Assembly hole: 102 x 102 mm.

Front plate: 110 x 110 mm.

Building in depth excl. motor: 25,5 mm.

Weight without motor: 450 g.

