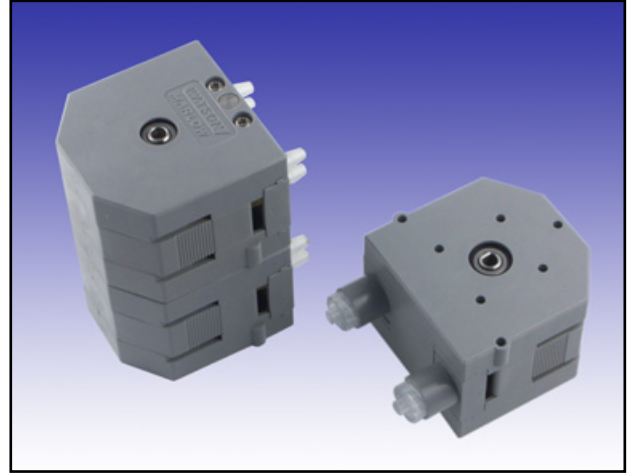


400/M, N Single and multi channel pumpheads

Technical information and features

- Robust and compact design (50 x 50mm)
- Completely closed, yet easy to use
- Tube elements makes the tube loading quick and trouble free
- Tube elements in Santoprene, Silicone and Peristaltic PVC
- Available in chemical resistant material
- Max speed 500 rpm
- Intermittent speed up to 800 rpm
- Double rubber sealed ball bearings
- Stacked versions offers up to 8 channels



400/N4 and 400/M1 Pumpheads
(400/M1 shown from the mounting side)

400/M

Flow Rates

Santoprene tubing, 1,6mm wall
Zero pressure and no suction height

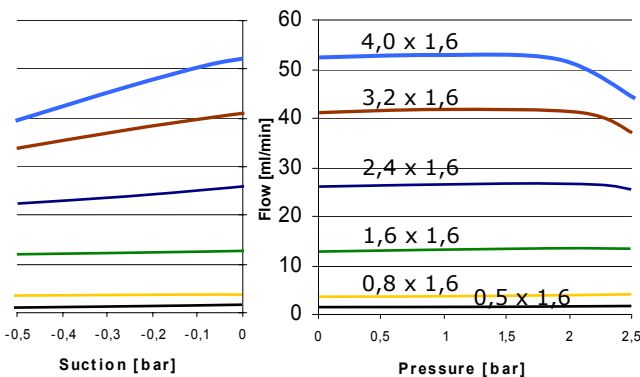
Tube bore mm	ml/rev	Max cont. flow
0,5	0,016	8 ml/min
0,8	0,037	18 ml/min
1,6	0,13	65 ml/min
2,4	0,26	130 ml/min
3,2	0,41	200 ml/min
4,0	0,52	260 ml/min

All flow figures are nominal and may vary about ±10% due to tube tolerances

400/M

Pressure/Suction Charts

Santoprene tubing @100 rpm



400/N

Flow Rates

Santoprene tubing, 1,0mm wall
Zero pressure and no suction height

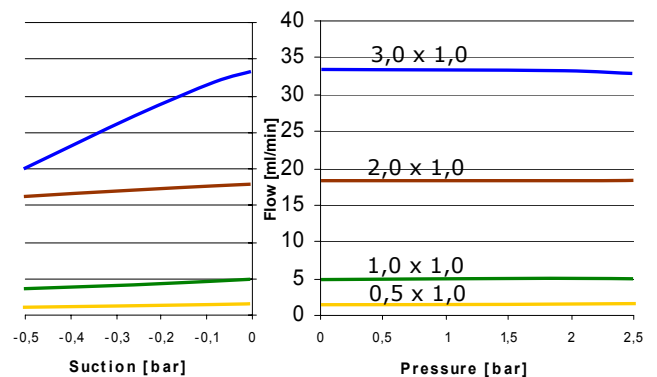
Tube bore mm	ml/rev	Max cont. flow
0,5	0,013	7 ml/min
1,0	0,050	25 ml/min
2,0	0,18	90 ml/min
3,0	0,33	150 ml/min

All flow figures are nominal and may vary about ±10% due to tube tolerances

400/N

Pressure/Suction Charts

Santoprene tubing @100 rpm



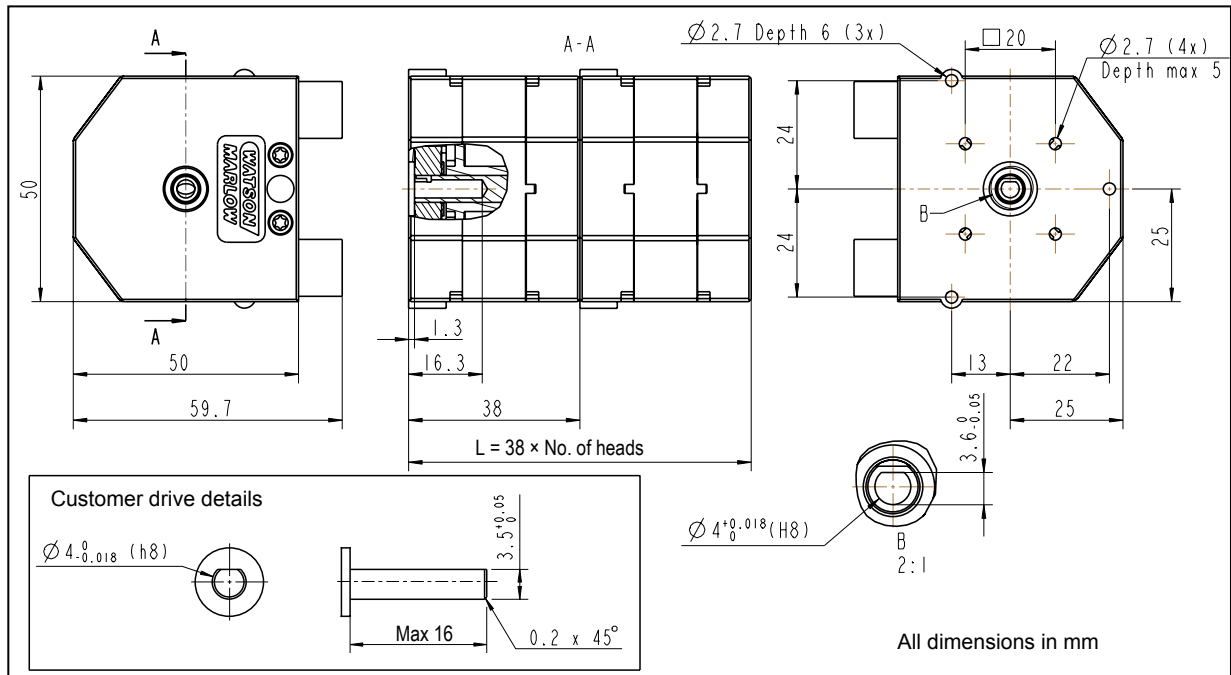
Product Codes

400/M

Channels	Req. Torque Santoprene tubing	Req. Torque Silicone tubing	Product code standard	Product code PVDF
1	150 mNm	130 mNm	043.001M.E1C	043.001M.E1P
2	270 mNm	240mNm	043.001M.E2C	043.001M.E2P

400/N

Channels	Req. Torque Santoprene tubing [Nm]	Req. Torque Silicone tubing [Nm]	Product code standard	Product code PVDF
2	250 mNm	220 mNm	043.001N.N2C	043.001N.N2P
4	450 mNm	400 mNm	043.001N.N4C	043.001N.N4P



400/M, N

Materials of Construction

Standard

Pump house	Acetal (Grey)*
Rotor	Acetal (Black)
Rollers (4 ea)	Acetal (Black)
Track	Acetal (Grey)*
Shafts	Stainless steel
Screws	Stainless steel

PVDF

PVDF
PVDF
PVDF
PVDF
Acid proof SS
Stainless steel

* Optional colours: Red, Blue

Customised Solutions

If you don't find exactly what you are looking for in this data sheet a customised product could be the solution. These pumpheads can be delivered in any stacked combination, fitted on a customised mounting panel, with other shafts, for alternative tube sizes and more.

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