

400F/C6

precision instrument quality six channel manifold pump



Technical information and features

- Each channel has a spring loaded fully adjustable cassette for adaptability to various pressure conditions, maximising tube life and easy tube change
- Accepts standard two bridge colour coded auto-analysis tube elements available in 19 sizes
- Wide range of gear motors available
- Extremely precise in flow control in a flexible design
- Flow rates up to 44 ml/min



400F/C6 precision instrument quality six channel manifold pump

Flow rate ranges (ml/min)

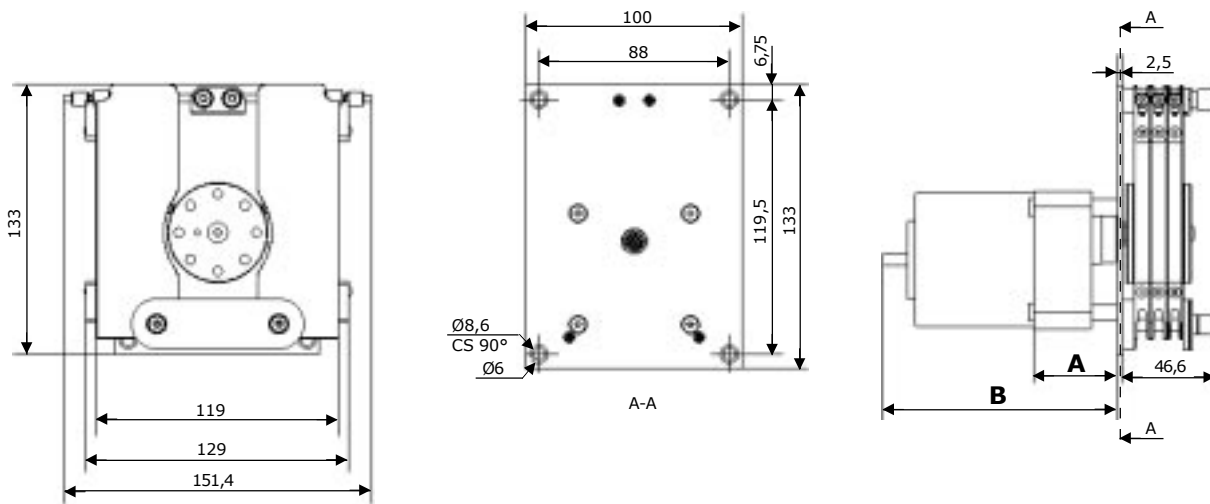
Speed rpm	Tube bore and flow rates (ml/min)									
	Orange/black 0,13 mm	Orange/red 0,19 mm	Orange/blue 0,25 mm	Orange/green 0,38 mm	Orange/yellow 0,50 mm	Orange/white 0,63 mm	Black/black 0,76 mm	Orange/orange 0,88 mm	White/white 1,02 mm	Red/red 1,14 mm
12	0,014	0,029	0,053	0,12	0,21	0,33	0,47	0,63	0,82	1,0
25	0,029	0,061	0,11	0,24	0,44	0,68	1,0	1,3	1,7	2,2
30	0,034	0,074	0,13	0,29	0,52	0,82	1,2	1,6	2,1	2,6
60	0,069	0,15	0,26	0,59	1,0	1,6	2,3	3,2	4,1	5,2
100	0,11	0,25	0,44	1,0	1,7	2,7	3,9	5,3	6,9	8,6

	Grey/grey 1,29 mm	Yellow/yellow 1,42 mm	Yellow/blue 1,52 mm	Blue/blue 1,65 mm	Green/green 1,85 mm	Purple/purple 2,05 mm	Purple/black 2,29 mm	Purple/orange 2,54 mm	Purple/White 2,79 mm
12	1,3	1,6	1,8	2,1	2,6	3,1	3,8	4,5	5,3
25	2,7	3,3	3,7	4,4	5,4	6,5	7,9	9,4	11
30	3,3	3,9	4,5	5,2	6,5	7,8	9,5	11	13
60	6,6	7,9	9,0	10	13	16	19	23	26
100	11	13	15	17	22	26	32	38	44

400F/C

If you don't find exactly what you are looking for in this data sheet a customised product could be the solution.

These pumps are available with up to twenty four channels. They could be supplied with alternative drives and gear ratios, in alternative materials, fitted on a customised mounting panel and more.



Motor type:	Standard DC 30W	Standard DC 5W	Brushless DC 35W
Dimension A	L=41,3mm X Ø68,0mm	L=41,3mm X Ø68,0mm	L=41,3mm X Ø68,0mm
Dimension B	L=115,2mm* X Ø68,0mm	L=93,4mm* X Ø68,0mm	L=103,4mm* X Ø68,0mm

* = maximum length behind mounting plate

Product codes			
Motor type	Voltage	Speed rpm	Product code
Standard DC 30W	12VDC	100rpm	040.MP1C.06L
Standard DC 30W	24-30VDC	100rpm	040.LP1C.06L
Standard DC 5W	12-15VDC	60rpm	040.CM1C.06L
Standard DC 5W	24-30VDC	60rpm	040.EM1C.06L
Standard DC 5W	12-15VDC	25rpm	040.CC1C.06L
Standard DC 5W	24-30VDC	25rpm	040.EC1C.06L
Standard DC 5W	12-15VDC	12rpm	040.C81C.06L
Standard DC 5W	24-30VDC	12rpm	040.E81C.06L
Brushless DC 35W	24VDC	100rpm	040.NP1C.06L
Brushless DC 35W	24VDC	30rpm	040.NE1C.06L

Motor descriptions

The standard DC 30W motor is our most powerful instrument quality motor. This motor features low electrical and audible noise, long brush life and excellent speed regulation with our controllers (optional).
The standard DC 5W motor is our most compact instrument quality motor. This motor features low electrical and audible noise, long brush life and excellent speed regulation with our controllers (optional).
The brushless DC 35W motor is powerful with built in controller. No carbon brushes yields an extremely long life with no maintenance required.

400F/C6

Materials of construction

Rotor	<i>Aluminium</i>
Rollers	<i>Acid resistant stainless steel</i>
Roller bearings	<i>Carbon steel</i>
Cassette	<i>Aluminium</i>
Shafts	<i>Acid resistant stainless steel</i>
Mounting panel	<i>Anodised aluminium</i>
Springs	<i>Acid resistant stainless steel</i>
Screws	<i>Acid resistant stainless steel</i>

400F/C

If you don't find exactly what you are looking for in this data sheet a customised product could be the solution.
 These pumps are available with up to twenty four channels. They could be supplied with alternative drives and gear ratios, in alternative materials, fitted on a customised mounting panel and more.



W-M Alitea AB
 Solkraftsvägen 35
 SE-135 70 Stockholm
 SWEDEN
 Tel: +46 8 556 556 00
 Fax: +46 8 556 556 25
 www.alitea.se
 Email: info@alitea.se