

## 313FC/D fixed speed AC Pump



Made up of one 313D pumphead, a shaded pole motor, gearbox, and a faceplate, these pumps provide flow rates up to 500 ml/min from 8.0 mm bore tubing. The motor is rated for continuous duty making this pump ideal for both dosing and transfer duties. Extension pumpheads may be snapped on for multi-channel pumping depending on the torque limit of the drive (see pumphead torque figures on page 18). With a choice of speeds and voltages, the 313FC/D provides a low cost OEM pumping system. The 313FC/D is supplied with a motor cooling fan. U.L. listed motors are available upon request.

### Ordering information

	220-240V AC	100-120V AC
10rpm 50Hz	030.6032.000	030.6002.000
50rpm 50Hz	030.6232.000	030.6202.000
100rpm 50Hz	030.6632.000	030.6602.000

### Specifications

Motor type	Shaded pole induction
Motor torque output	10rpm 19.5kgcm; 50rpm 7.5kgcm; 100rpm 6.5kgcm
Power consumption	10rpm 21VA; 50, 100rpm 40VA
Weight	2.2kg

### Flow rates

HZ	rpm	1.6mm (1/16") wall thickness tubing						
		0.5mm 1/50"	0.8mm 1/32"	1.6mm 1/16"	3.2mm 1/8"	4.8mm 3/16"	6.4mm 1/16"	8.0mm 5/16"
50	10	0.30	0.70	2.70	10.0	22.0	36.0	50.0
	50	1.50	3.50	14.0	50.0	110	180	250
	100	3.00	7.00	27.0	100	220	360	500
60	12	0.40	0.80	3.20	12.0	26.0	43.0	60.0
	60	1.80	4.20	16.0	60.0	132	216	300
	115	2.90	6.70	26.0	96.0	211	346	480

For tube selections, see Tables A and B on page 48.

