

313FDC/D fixed speed 12V DC pump



The 313FDC/D oem pump is made up of one 313D pumphead, a 12V DC motor, the Watson-Marlow gearbox, and a faceplate. These pumps are available for applications that require more torque than is available from the 313FD/D, providing flow rates up to 1100 ml/min for continuous use from 8.0mm bore tubing.

Additionally, snap on 313X extension pumpheads for multi-channel pumping depending on the torque limit of the drive (see pumphead torque figures on page 18).

Ordering information

12V DC 220rpm

030.8931.000

Specifications

Motor type	12V DC
Motor torque output	14kgcm
Motor consumption	35VA
Weight	2.2kg
Brush life	2500 hours

Flow rates

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"
220	6.60	15.4	60.0	220	484	792	1100

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

