

POSITIVE DISPLACEMENT UNITS



Positive Displacement Units (PDU's) deliver a precise volume of lubricant at the beginning of each pump cycle. Each unit in the range is stamped with a reference number denoting the discharge volume. The total oil delivery to a system can be further controlled by the pump lubrication frequency. The system operates intermittently, allowing PDU's to recharge for the next cycle, and is generally total loss.

Operating performance is unaffected by back pressure or air entrapment.

A PDU system can be monitored for correct pressure by installing a pressure switch at the pump or, in large systems, at the end of the line. Functional pressure is measured through the system main line and terminates at the PDU's. It is possible to monitor the entire system pipework through PDU's directly mounted at the bearing entry point.

Manifold or bearing mounted units are available with conventional compression fittings or **PUSH-IN connectors** which considerably reduce installation time.

POSITIVE DISPLACEMENT UNITS - Oil and Fluid Grease

Manifold Mounted				Supplied complete with nut, cone and sealing washer	
Part No.	Discharge Volume (cc)	Thread 'B'	Dim 'A' (mm)		
PD3403	0.03	M8x1	49.5		
PD3406	0.06		49.5		
PD3410	0.10		49.5		
PD3416	0.16		49.5		
PD3425	0.25	M8x1	57.5		
PD3440	0.40		57.5		
PD3460	0.60		57.5		

Bearing Mounted				Supplied complete with nut and cone	
Part No.	Discharge Volume (cc)	Thread 'B'	Dim 'A' (mm)		
PD3103	0.03	1/8in BSPT	51.5		
PD3106	0.06		51.5		
PD3110	0.10		51.5		
PD3116	0.16		51.5		
PD3125	0.25	1/8in BSPT	57.5		
PD3140	0.40		57.5		
PD3160	0.60		57.5		

POSITIVE DISPLACEMENT UNITS - Push in Type

Manifold Mounted				Supplied complete with sealing washer	
Part No.	Discharge Volume (cc)	Thread 'B'	Dim 'A' (mm)		
PD2403	0.03	M8x1	40		
PD2406	0.06		40		
PD2410	0.10		40		
PD2416	0.16		40		

Suitable for use with 4mm dia nylon, steel or brass tube

Note: Manifold mounted PDU's with outputs from 0.25 to 0.60cc are available to special order and bearing mounted push-in units can also be supplied.
Please contact our sales Department for further information.