

P205 Pumps



The P205 centralized lubrication pump is a high pressure multi-line pump that can drive up to 5 elements and is used in progressive automated lubrication systems. It is capable of handling direct supply of lubrication points or can be used as a centralized lubrication pump in larger progressive systems.

The design of the drive and eccentric shaft, the high efficiency worm gear, a minimal number of parts, and the multi-range motor, provide the P205 pump with several advantages. The P205 pumps are available with a three-phase flange mount and multi-range motor for 380-420 volts at 50 Hz or 440-480 volts at 60 Hz, or with a free shaft end for use with other motors. Various gear ratios and reservoir sizes, with or without level control, are available. The reservoir, available in 4, 5 or 8 liter sizes, is suitable for both, grease and oil.

Technical Data

		Unit				
Reservoir						
Transparent plastic		[l]	4 and 8			
Metal		[l]	5			
Outlets		Qty	1 – 5			
Threaded connection			G 1/4" female (BSPP)			
Lubricants						
Grease			up to NLGI 2, NLGI 3 on request			
Oil			at a viscosity of of at least 20 mm ² /s			
Piston diameter		[mm]	5	6	7	adjustable
Lubricant output per piston stroke		[cm ³]	0,11	0,16	0,23	0,04 – 0,18
Maximum lubricant output per hour		Ratio				
	70:1	[cm ³]	115	172	253	46 – 200
	280:1	[cm ³]	29	43	63	11,5 – 52
	700:1	[cm ³]	11	17	25	5 – 22
Pressure						
Maximum operating pressure		[bar]	350			
Type of protection			IP55			
Temperature						
Operating temperature		[°C]	–20 up to +70			
Level indicator (option)			ultrasonic sensor for high- and low-level control			