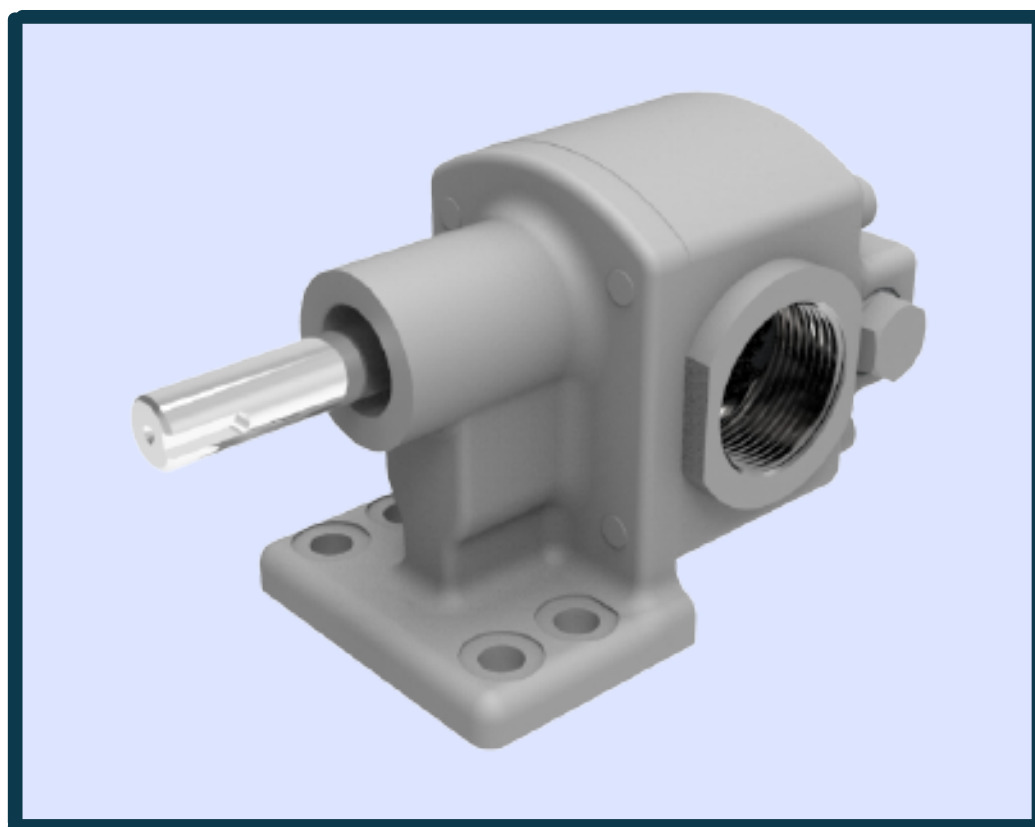




MIDLAND PUMP
MANUFACTURING COMPANY LTD

POSITIVELY GEARED TO
YOUR REQUIREMENTS

CLASSIC GROUP 2 POSITIVE DISPLACEMENT GEAR PUMPS



GEAR PUMP GROUP 2 PUMP HEAD WITH DISPLACEMENT

SEELEYS ROAD, GREET, BIRMINGHAM, B11 2LF
TELEPHONE: 0121 773 8862 EMAIL: sales@midlandpump.co.uk
WEBSITE: www.midlandpump.co.uk



KEY FEATURES

- All sealing options are available with this group of pumps i.e. lip seals, screw glands and mechanical seals.
- Oversized bearings enable the pump to be used in more demanding situations. The range of bearings has been enhanced and includes P T F E wrapped bush, needle rollers, cast iron plain or replaceable bushes and aluminium bronze brushes.
- The flange/foot mounting arrangements allow installations as either, top drive foot mounted, or flange mounting using the spigot and three-bolt fixings.
- Extended body lengths incorporating larger port sizes, make these pumps ideally suited for pumping high viscosity liquid.

*Scan here to access
our operating
and maintenance
manual*



*Scan here to
quickly access our
flow rates chart*



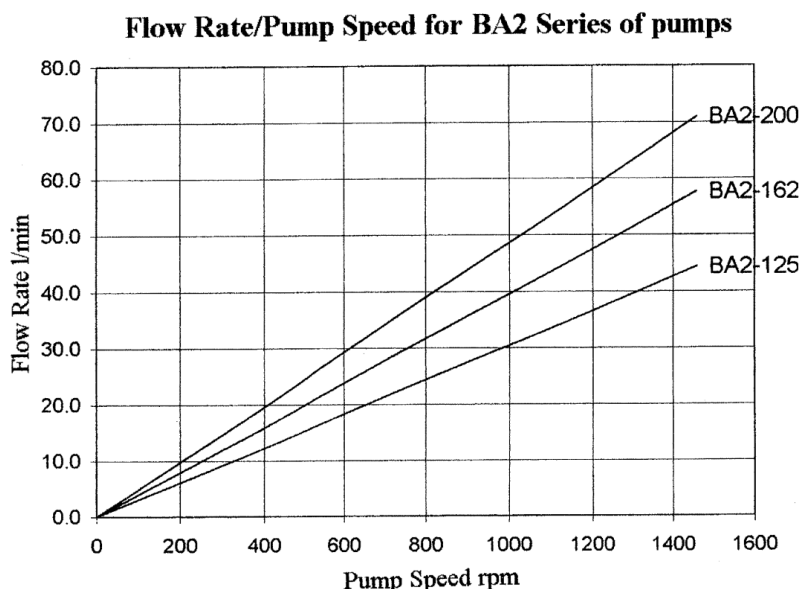


FLOW RATES

Midland pumps are positive displacement, and for most applications output flow is directly proportional to the speed of shaft rotation.

The following graphs, discharge against rotational speed are based on "ideal" conditions - Oil with a viscosity of 95 centistokes with the pump running "Free Flow", flooded suction and without any restriction imposed upon the output.

Specific Discharge mL/rev	
Pump	mL/rev
BA2-125	30.4
BA2-162	39.5
BA2-200	48.6



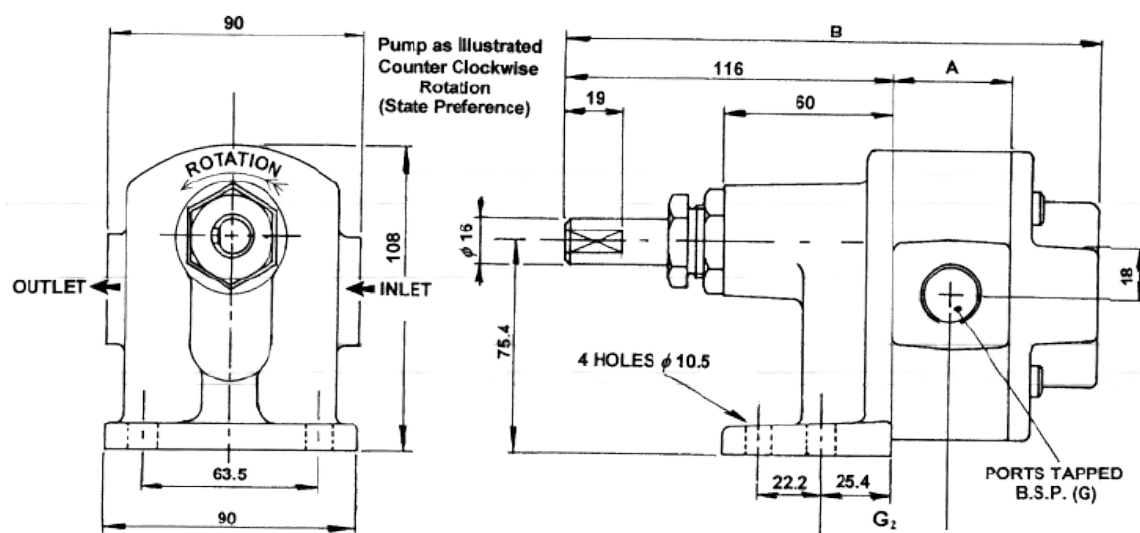
With thinner materials, the volumetric output is reduced due to "slippage". Slippage may be considered as an escape of fluid from the output side to the inlet side of the pump through the fixed working clearances within the pump.

Slippage is a function of the internal clearances, the viscosity of the fluid, the differential pressure across the pump and in part upon the speed of shaft rotation.

Midland has available and will furnish on request slippage characteristic graphs, for all sizes. These form part of our advanced data package, which includes information relating to pump driver power, speed reduction criteria and power corrections for very viscous materials. Our skilled engineers will willingly advise and assist in the selection of the pump for your requirement.

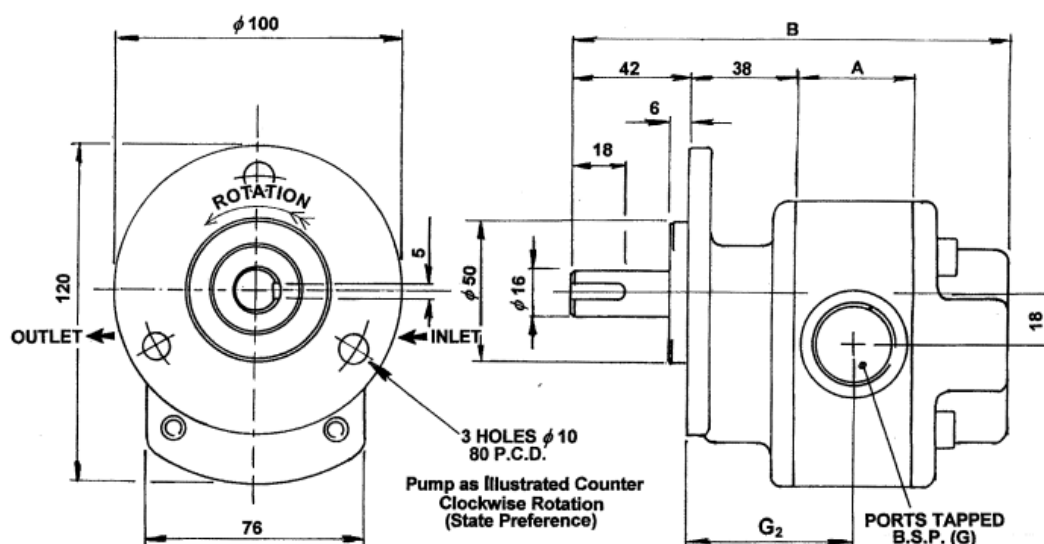


TECHNICAL DRAWINGS



Classic Group 2 Foot mounted

Size	A	B	G2	Port Sizes B.S.P			
BA2-125	31.7	179.5	41.3	1/2			
BA2-162	41.2	189.0	46.0	1/2	3/4		
BA2-200	50.8	198.6	50.8		3/4	1	1 1/4



Classic Group 2 Flange Mounted

Size	A	B	G2	Port Sizes B.S.P			
BA2-125	31.7	143.7		1/2			
BA2-162	41.2	153.2		1/2	3/4		
BA2-200	50.8	162.8			3/4	1	1 1/4