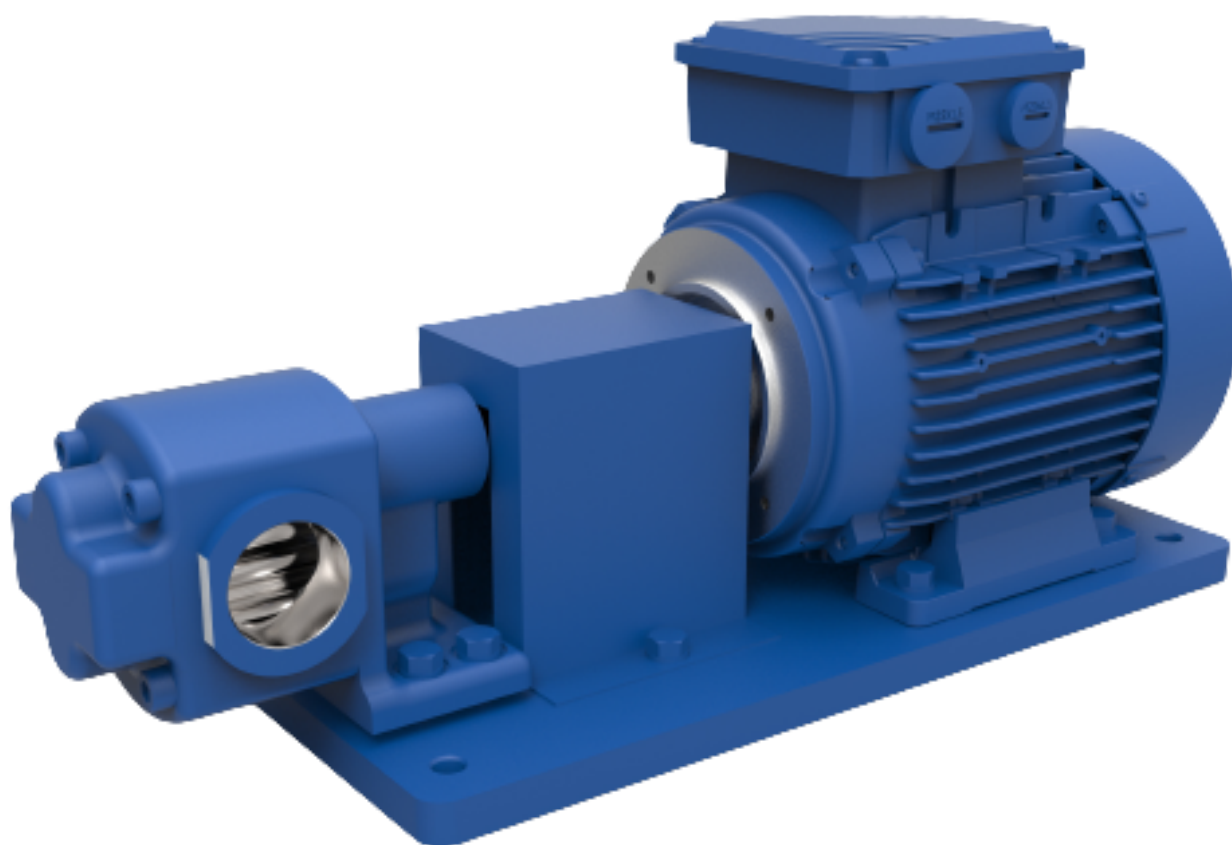




MIDLAND PUMP Positively geared to your requirements.

GROUP 1 - 3

FLOW RATES UP TO 290 LITRES/MIN



Group 1 - Pump range offers a flow rate from 3 to 40 litres/min

Group 2 - Pump range offers a flow rate from 36 to 109 litres/min

Group 3 - Pump range offers a flow rate from 72 to 290 litres/min

LIQUID TRANSFER - FILTRATION - SAMPLING - LUBRICATION - HYDRAULICS



GROUP 1 - 3

FLOW RATES UP TO 290 LITRES/MIN

Midland Pump Manufacturing Company Ltd is a privately owned manufacturer of gear pumps.

Midland Pump products can be found all over the globe in a wide range of different applications.

With over 50-years of manufacturing expertise, Midland Pump Manufacturing Company Ltd provides a reliable and dependable range of positive displacement gear pumps which are built to last across a wide range of industries from industrial to transport to power generation.

Specifications

Viscosity Range: Up to 50,000 cSt.

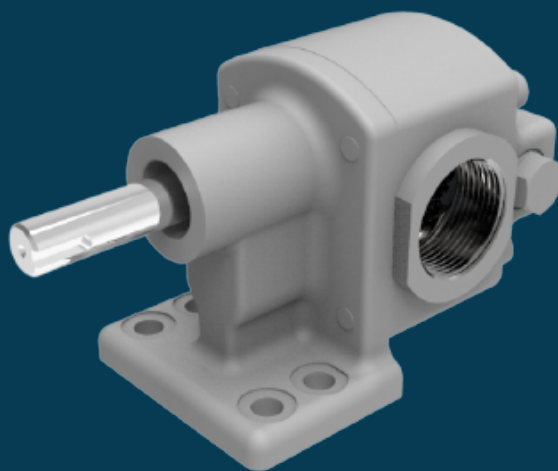
Suction Lift: Up to 9m.

Pressure: Up to 20 bar.

These pumps are positive displacement pumps and for most applications output flow is directly proportional to the speed of shaft rotation. Mounting options include foot mounting top or bottom drive, flange mounting, close coupled, and long coupled.

Midland Pump product ranges are designed to be readily connected to IEC metric electric motors via bespoke bell housings.

Group 1 - 3 pump ranges are well suited to harsh working environments, we offer an extensive selection of coatings / protection to protect your pump.



Applications

Liquid Transfer (portable and fixed) Filtration, Sampling, Lubrication duties and Low-pressure hydraulics.

Design Service

We have our in-house design service to offer, so we can design your product including base plate mountings if required to suit your exact requirements so when your product is delivered it will just bolt straight on to your existing system.

Aftersales Service / Repair

Alongside the manufacturing side of the business, we offer a service and repair option for all our pumps to maximise the working life of the pump and reduce costs to the customer. Contact Sales@midlandpump.co.uk for details on this service.

Ask us about our portable fluid transfer pump unit options!

KEY FEATURES

- Fixed clearance external gear pump operating principle.
- Fully self-priming to 6m suction lift.
- Discharge pressure to 20 bar with compatible liquids.
- Various build options available (materials used, rotation, pressure relief valve, motorised, base plated).
- With correct use, Midland Pump products have a long life span.

CONSTRUCTION MATERIALS

Housings: Cast Iron or Stainless Steel

Gear & Shafts: Carbon Steel, Stainless Steel, Plastics or Chrome Plated

Seals: Lip Seals (Nitrile, Viton and EPDM), Mechanical Seals or Packed Gland

Bearings: PTFE Bush, Needle Roller, Bronze or Plain Cast Iron

PUMP SEALS

Lip Seals

Lip seals are suitable for lower pressures and will work in temperatures up to 200°C for Viton. Our seals cover a vast range of fluids so will work in most applications.

Mechanical Seal

The mechanical seals we use will withstand a greater system pressure than lip seals and a higher temperature of around 280°C, and for use with viscous substances.

Packed Gland

An excellent solution where higher temperatures applications are needed (up to 400°C) These do require regular maintenance/adjustment checks.

PERFORMANCE CHARTS

Pump Model	L/Min					
	50 Hz			60 Hz		
	4 Pole	6 Pole	8 Pole	4 Pole	6 Pole	8 Pole
RPM	1480rpm	970rpm	720rpm	1760rpm	1160rpm	860rpm
TC 250	3.36	2.33	1.66	4.03	2.68	1.99
TC 500	7.01	4.66	3.46	8.41	5.59	4.15
TC 750	10.37	6.89	5.11	12.44	8.26	6.13
TC 100	13.87	9.22	6.84	16.64	110.6	8.21
TC 125	17.2	11.4	8.5	20.7	13.7	10.2
TC 150	20.7	13.8	10.2	24.9	16.5	12.3
MOD 100	23.5	15.6	11.6	28.2	18.7	13.9
BA 100	28.6	19	14.1	34.3	22.8	16.9
MOD 125	29.5	19.6	14.5	35.4	23.5	17.5
MOD 150	35.3	23.5	17.4	42.4	28.2	20.9
BA 125	35.8	23.8	17.6	42.9	28.5	21.2
BA 150	42.9	28.5	21.2	51.5	34.2	25.4
BA2-26	36.4	24.2	17.9	43.6	29	21.5
BA2-125	44.4	29.5	21.9	53.3	35.4	26.3
BA2-39	54.6	36.3	26.9	65.5	43.5	32.3
BA2-162	57.7	38.3	28.4	69.2	46	34.1
BA2-200	71	47.1	35	85.1	56.6	42
BA2-52	72.7	48.3	35.9	87.2	58	43
BA-65	90.8	60.3	44.8	109	72.4	53.7
BA-78	109.1	72.5	53.8	130.9	87	64.5
31048		72.9	54.1		87.5	65
31064		97	72		116.4	86.4
32050		115.1	85.5		138.2	102.6
31080		121.3	90		145.5	108
32075		172.7	128.2		207.2	153.8
32100		230.3	170.9		276.3	205.1
32123		287.8	213.6		345.4	256.3



MIDLAND PUMP Positively geared to your requirements.



MIDLAND PUMP MANUFACTURING COMPANY LTD

Positively geared to your requirements.

SEELEYS ROAD
GREET
BIRMINGHAM
WEST MIDLANDS
B11 2LF

TELEPHONE: 0121 773 8862
EMAIL: sales@midlandpump.co.uk
WEBSITE: www.midlandpump.co.uk
Company Reg Number: 1103911
VAT Number: 111 9082 03

