

External Gear pump



“RMEG Series”

Rotomake External Gear Pumps are precision engineered positive displacement pumps designed for the accurate, smooth, and reliable transfer of clean, low- to medium viscosity fluids. These pumps use two externally meshing gears that rotate to create a uniform flow, making them ideal for applications where consistency, reliability, and efficiency are critical.

Manufactured with high-grade materials and tight machining tolerances, Rotomake External Gear Pumps provide excellent volumetric efficiency, long service life, and low maintenance requirements. Their compact, robust design ensures dependable performance even in demanding industrial environments.

Key Features:

- Smooth, pulsation-free discharge
- High mechanical and volumetric efficiency
- Suitable for clean, thin to medium viscosity liquids
- Compact, simple, and rugged design
- Can handle a wide range of oils, fuels, and chemicals
- Long service intervals and low maintenance

Technical Chart

Pump model	Size	RPM	Flow	Pressure	MOC
RMGP-025	¼"	1440	5 LPM	10-20 Bar	CI/WCB/SS
RMGP-050	½"	1440	20 LPM	10-20 Bar	CI/WCB/SS
RMGP-100	1"	1440	50 LPM	10-20 Bar	CI/WCB/SS
RMGP-125	1.25"	1440	75 LPM	10-20 Bar	CI/WCB/SS
RMGP-150	1.5"	1440	120 LPM	10-20 Bar	CI/WCB/SS
RMGP-200	2"	1440	250 LPM	10-20 Bar	CI/WCB/SS
RMGP-250	2.5"	1440	350 LPM	10-20 Bar	CI/WCB/SS
RMGP-300	3"	1440	500 LPM	10-20 Bar	CI/WCB/SS
RMGP-400	4"	1440	800 LPM	10-20 Bar	CI/WCB/SS
RMGP-500	5"	1440	1200 LPM	10-20 Bar	CI/WCB/SS
RMGP-650	6"	1440	2500 LPM	10-20 Bar	CI/WCB/SS

Applications:

- Lubricating oil systems
- Fuel transfer (diesel, kerosene, furnace oil)
- Chemical and solvent transfer
- Paints, resins, and adhesives
- Hydraulic power units
- Industrial process fluids

Rotomake Engineering International delivers gear pumps designed for precision performance, durability, and long-term reliability, ensuring smooth operation across diverse industries.