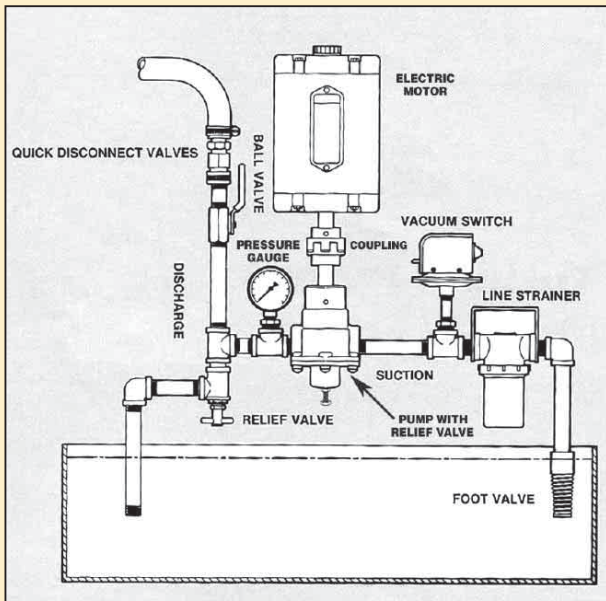


# Rotary Gear Pump Selection Guide

## TYPICAL GEAR PUMP INSTALLATION

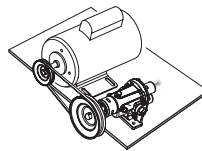
Note: Pump and motor turned vertically for illustration purposes only.



Dayton self-priming, positive displacement, external gear pumps provide a nearly pulseless flow. They are ideal for pumping viscous fluids in a wide range of industrial, marine, agricultural, and commercial applications; capable of flow rates up to 24.8 GPM, pressures up to 125 psi, speeds to 1725 RPM, fluid temperatures up to 280°F, and viscosities up to 100,000 SSU. They are not suitable for pumping fluids with suspended solids or abrasive materials.

These efficient, reversible pumps are recommended for nonabrasive, nonflammable liquids compatible with pump component materials; and can be used for liquid circulation, lubrication, pressure boosting, filtering, medium pressure spraying, sump draining, drum and vat filling, and general fluid transfer applications. Models with lubricated gears are capable of a 17-ft. vertical lift, depending on pump size, speed, and fluid.

## PEDESTAL GEAR PUMP DRIVEN BY PULLEY, BELT, AND MOTOR



Note: Safety shields have been removed for illustration purposes only.

## PILLOW BLOCK SHAFT ASSEMBLY

