

M Series Vacuum Pump



M1



M2



M3



M4



M7.5



M8

Skellerup is a leading manufacturer in the New Zealand agricultural industry and has been for over 100 years. We have always been at the forefront of agricultural markets both domestically and internationally. Our strength lies in the extensive range of reliable, durable and quality agricultural products we manufacture and market.

The Skellerup M Vacuum Pump Series is a range of robust rotary vane vacuum pumps that are a work horse in the dairy industry and have been for decades. These pumps are high quality, reliable, and extremely durable products that perform exceptionally well. This brochure outlines the full range of Skellerup M Series Vacuum Pumps and their features.

The Skellerup M Series Vacuum Pump Range

M1 SERIES



M1 No Lube



M1 Dripper



M1 Bottle Lube

M2 SERIES



M2 No Lube



M2 Dripper



M2 Bottle Lube

M3 SERIES



M3 No Lube



M3 Dripper



M3 Bottle Lube

M4 SERIES



M4 No Lube

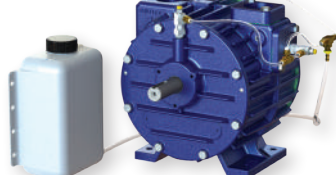


M4 Dripper

M7.5 SERIES



M7.5 No Lube



M7.5 Dripper

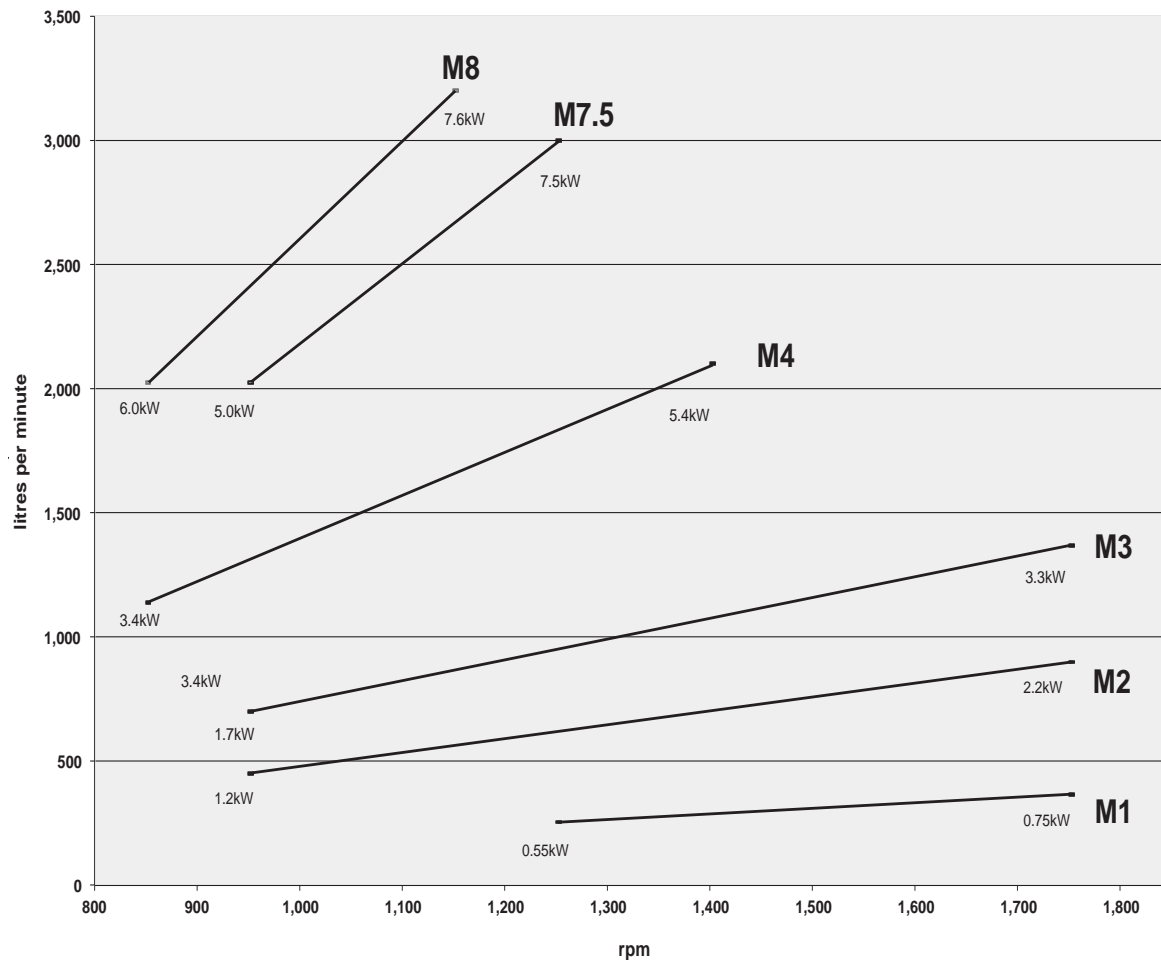
M8 SERIES



M8 Dripper

Choosing a Skellerup M Series Vacuum Pump

Pump Performance at 50kPa (at sea level)



This graph shows the litres per minute of free air each pump will move at 50kPa

Skellerup M Series Vacuum Pump Features

High Performance

Maximum efficiency (power to air flow)

Extremely Reliable

Proven technology

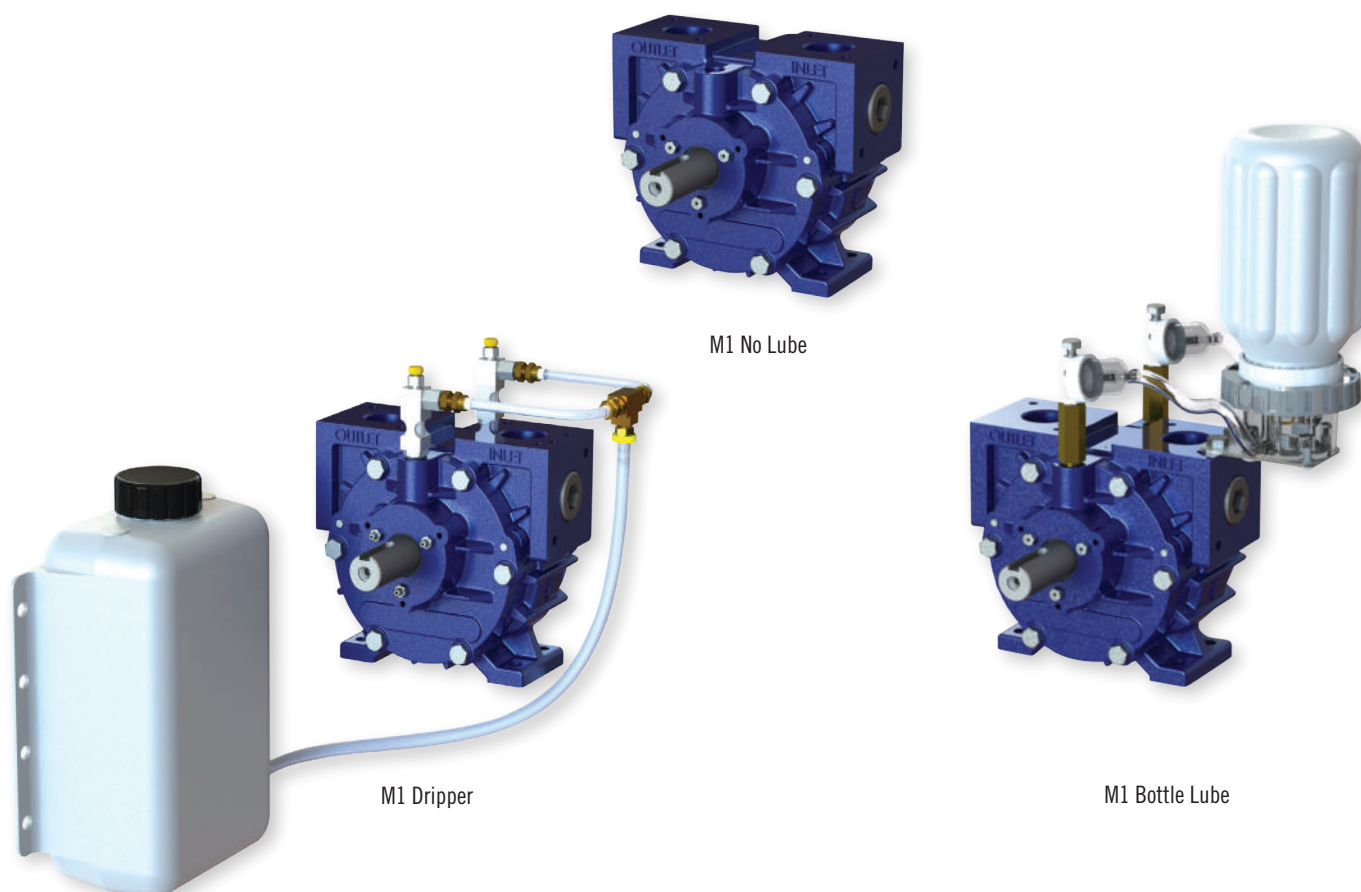
Long Service Life

High grade iron casting
Kevlar vanes

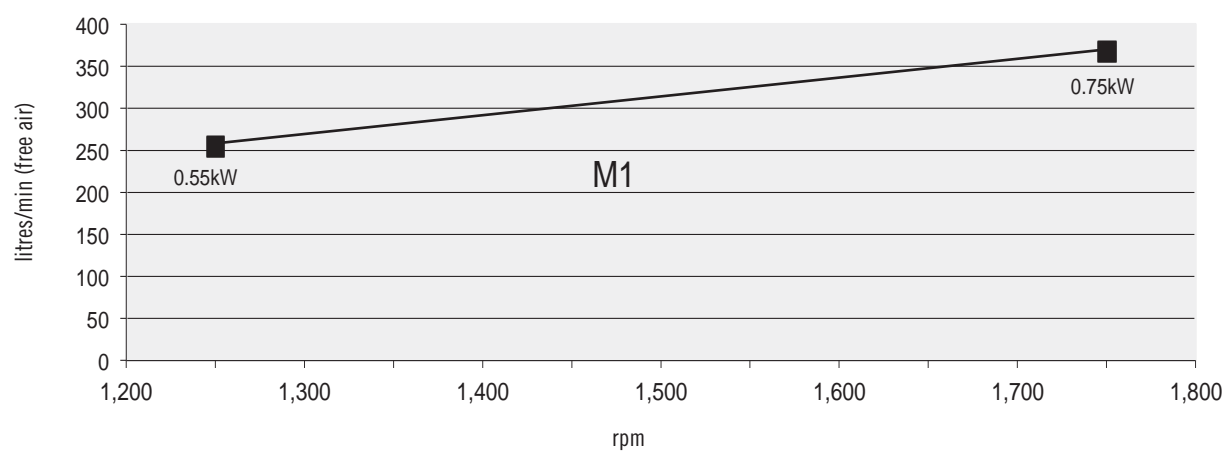
Compact Design

Double End Shaft

M1 Vacuum Pump Series



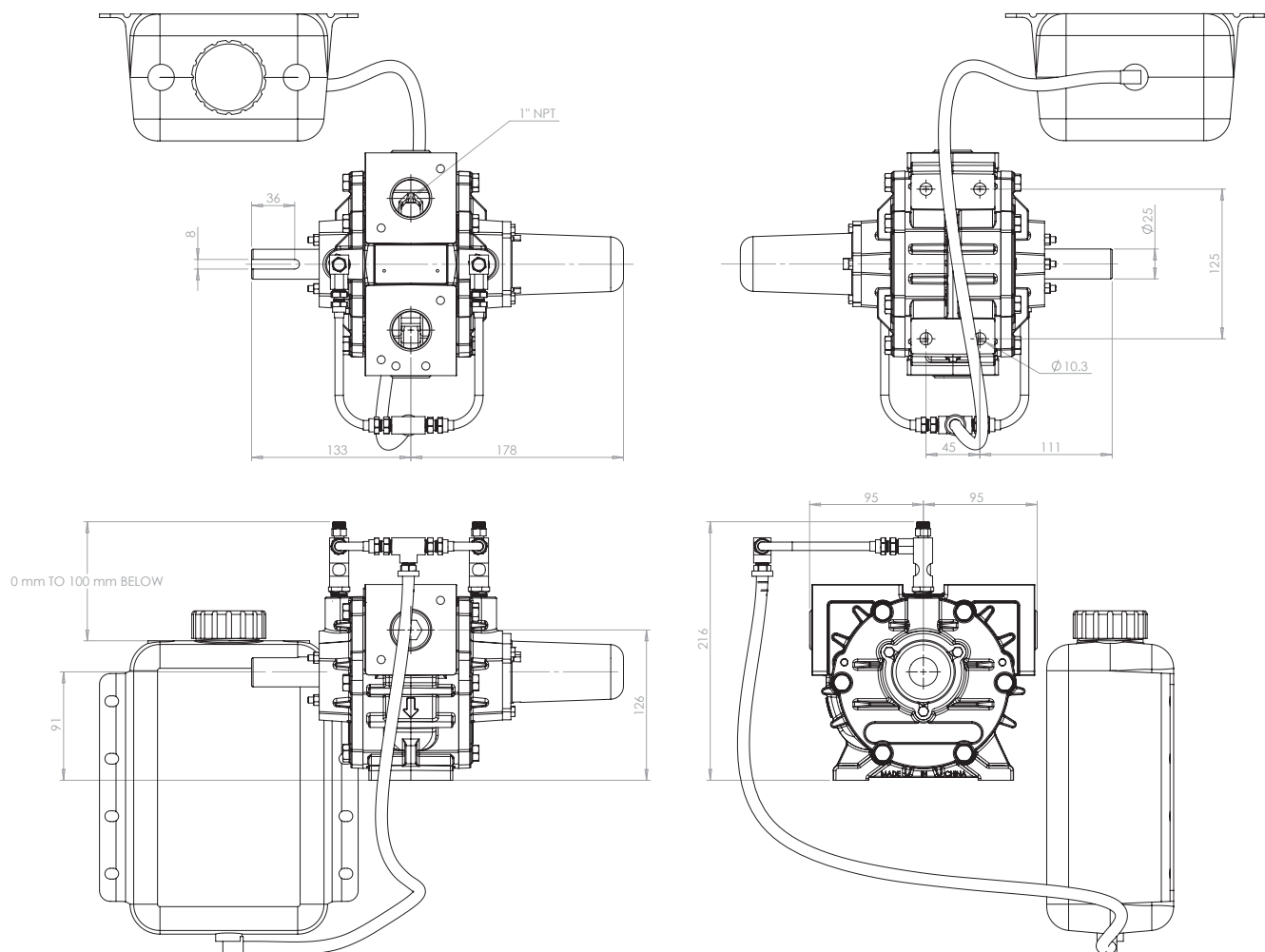
Skellerup M1 Vacuum Pump Performance at 50kPa (at sea level)



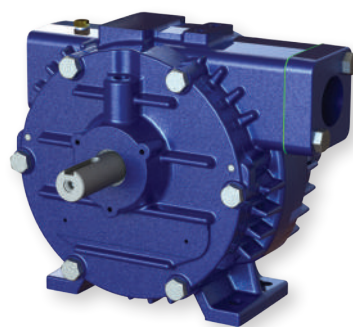
Minimum flow of 255 lpm drawing 0.55kW of power
Maximum flow of 368 lpm drawing 0.75kW of power

Our Preferred Setup

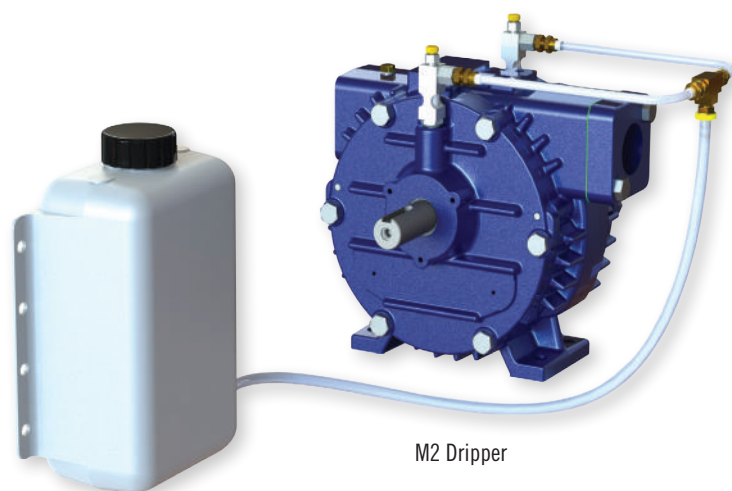
M1 Dropper



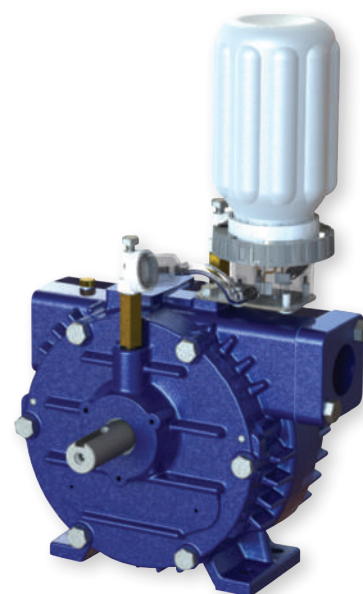
M2 Vacuum Pump Series



M2 No Lube

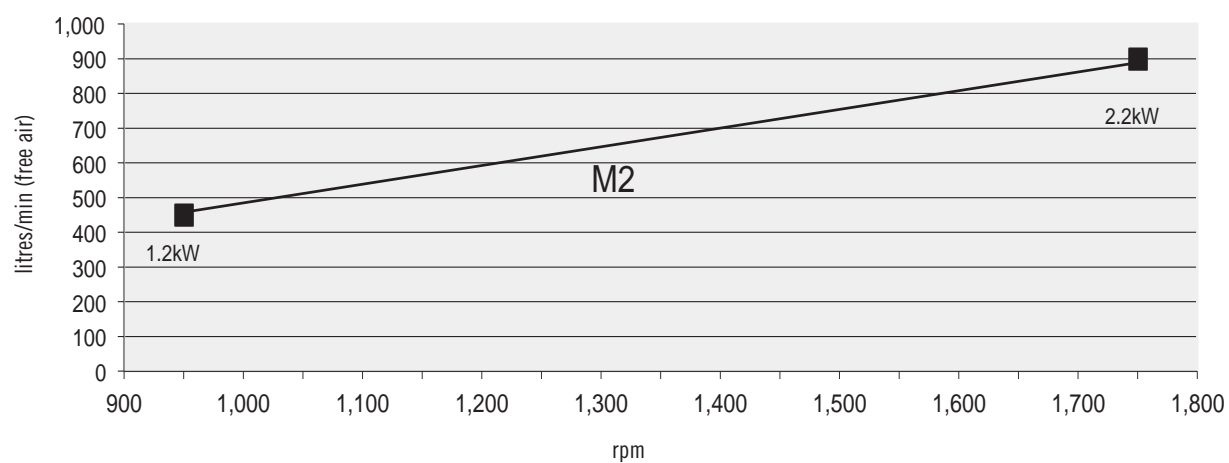


M2 Dripper



M2 Bottle Lube

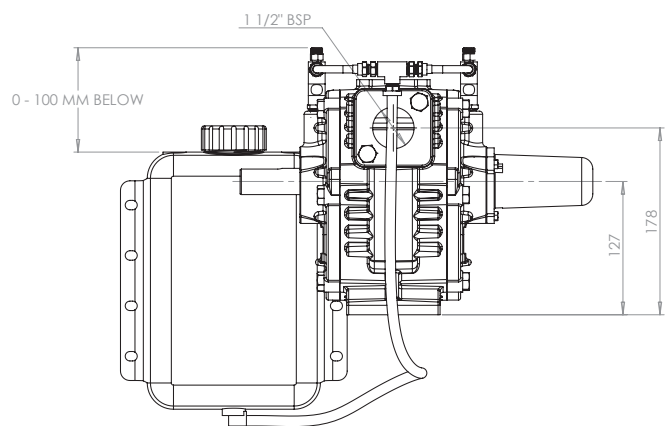
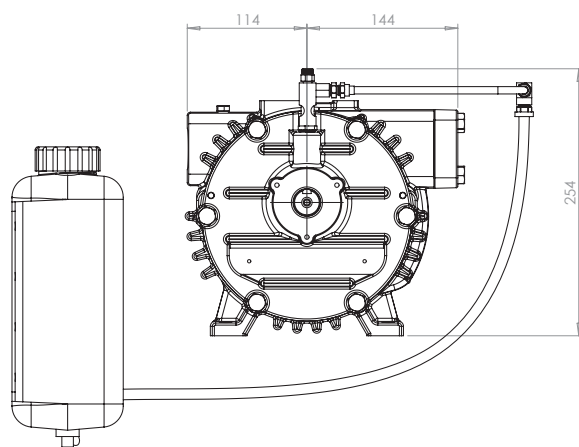
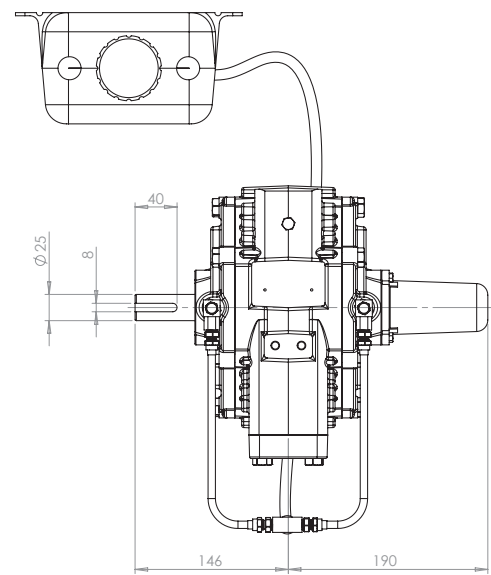
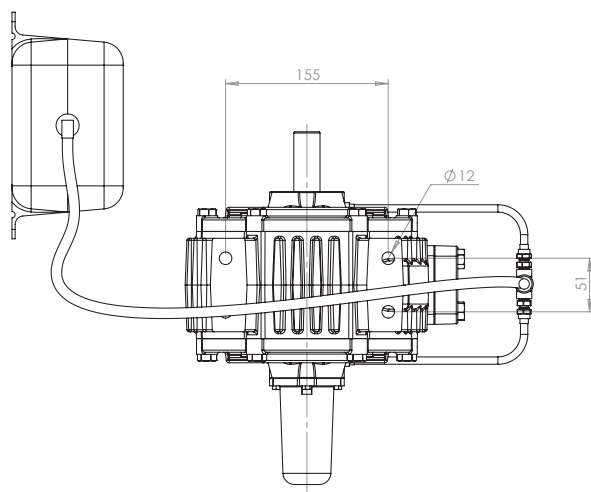
Skellerup M2 Vacuum Pump Performance at 50kPa (at sea level)



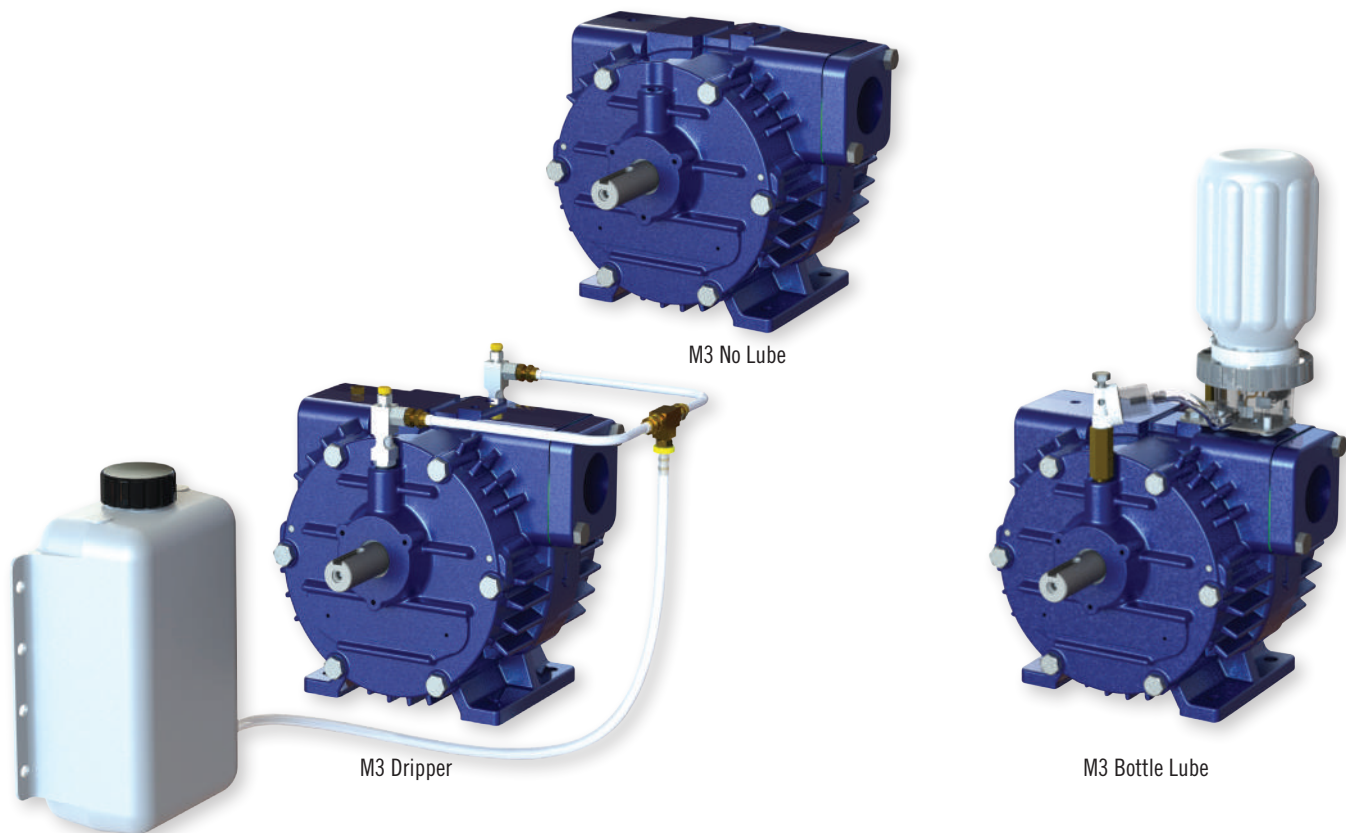
Minimum flow of 450 lpm drawing 1.2kW of power
Maximum flow of 900 lpm drawing 2.2kW of power

Our Preferred Setup

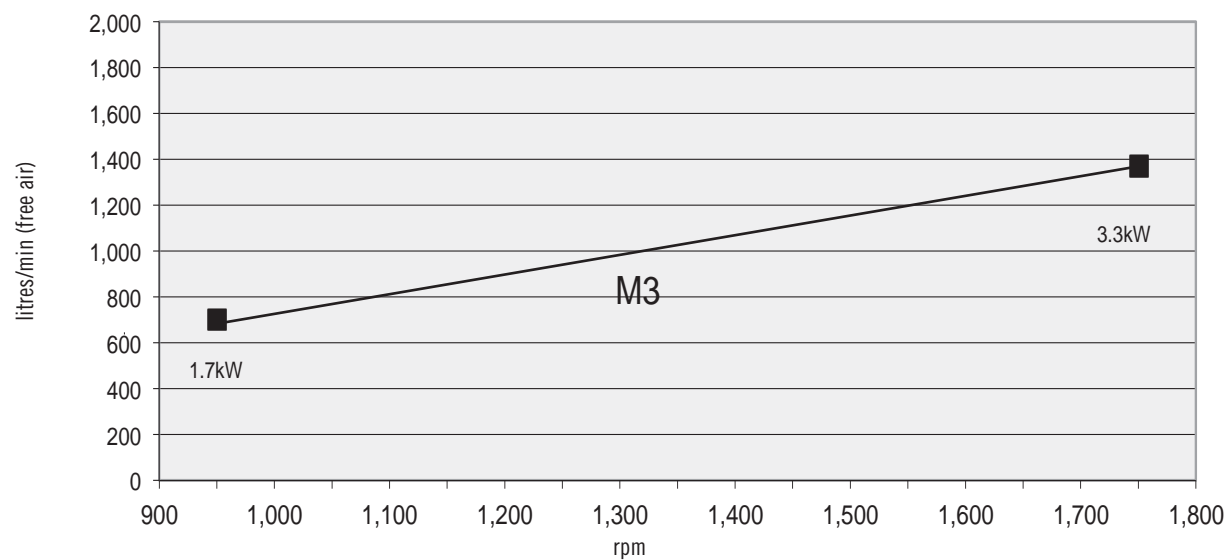
M2 Dropper



M3 Vacuum Pump Series



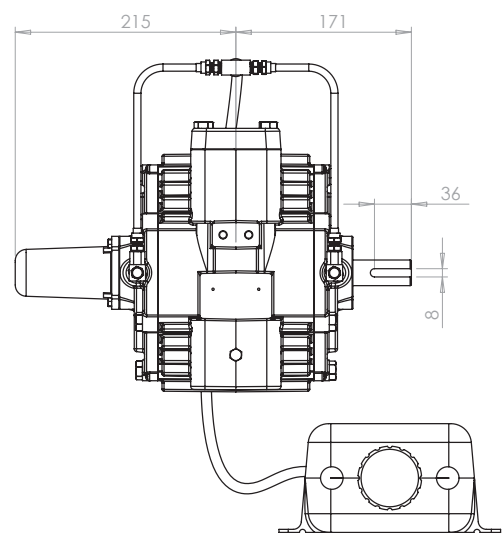
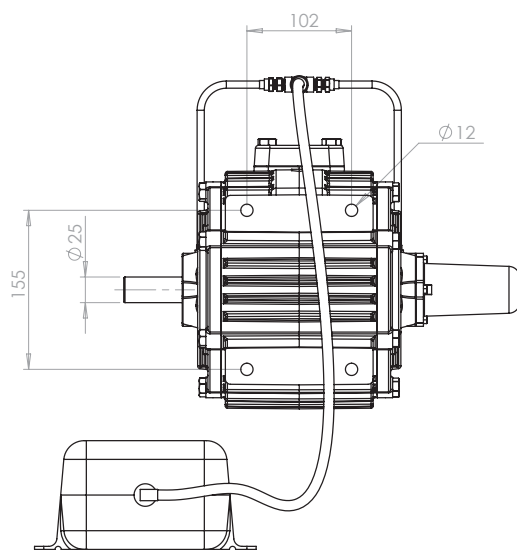
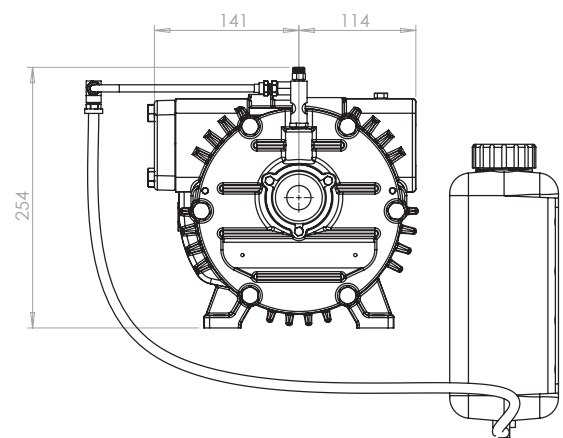
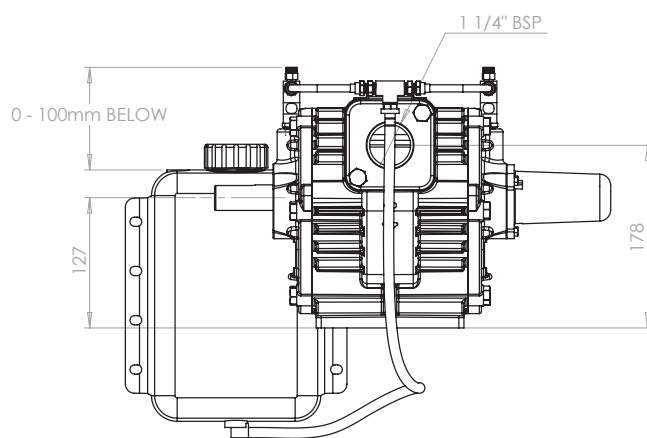
Skellerup M3 Vacuum Pump Performance at 50kPa (at sea level)



Minimum flow of 700 lpm drawing 1.7kW of power
Maximum flow of 1,370 lpm drawing 3.3kW of power

Our Preferred Setup

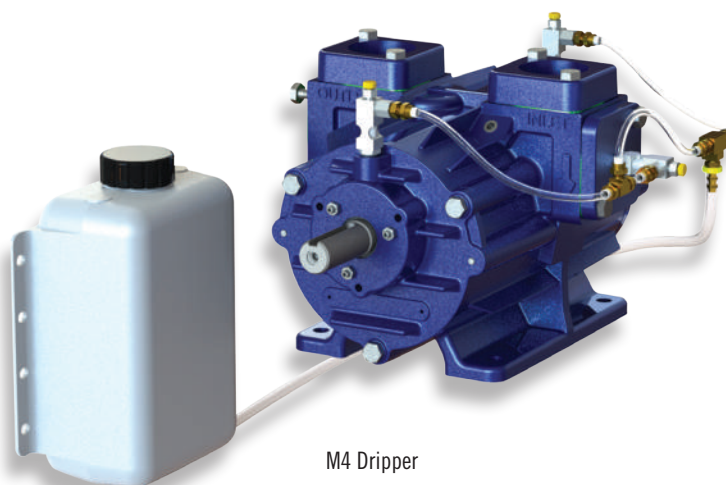
M3 Dropper



M4 Vacuum Pump Series

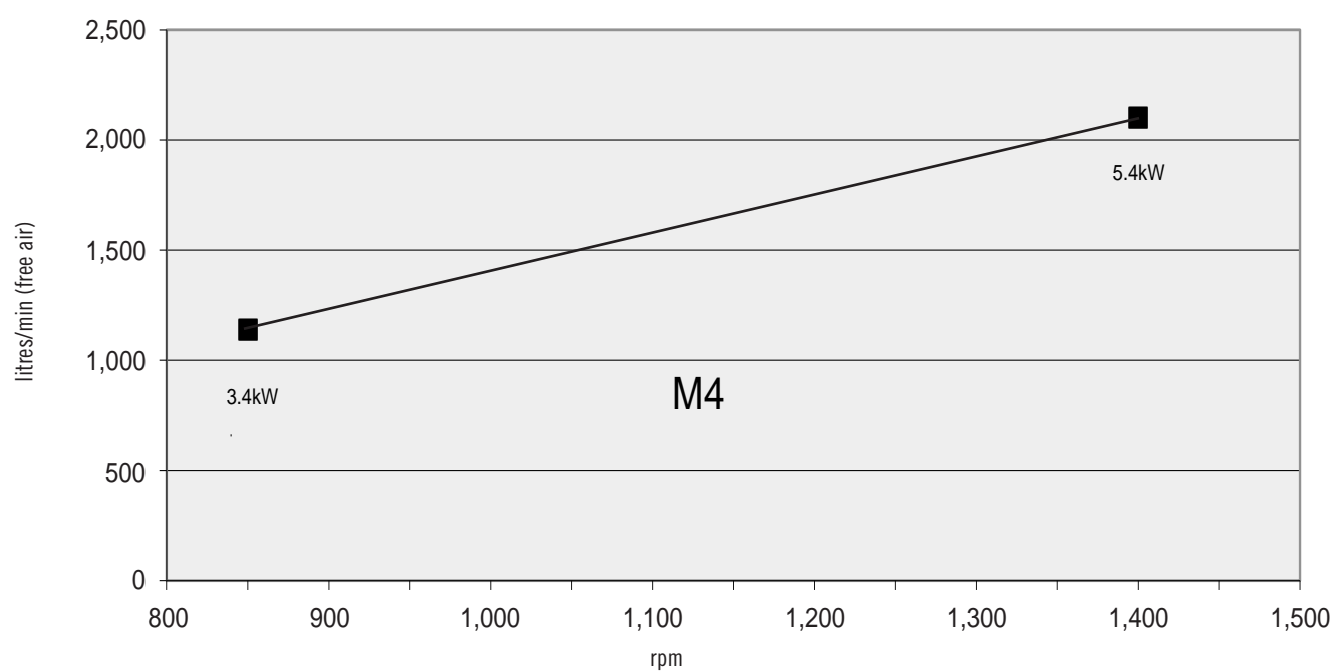


M4 No Lube



M4 Dripper

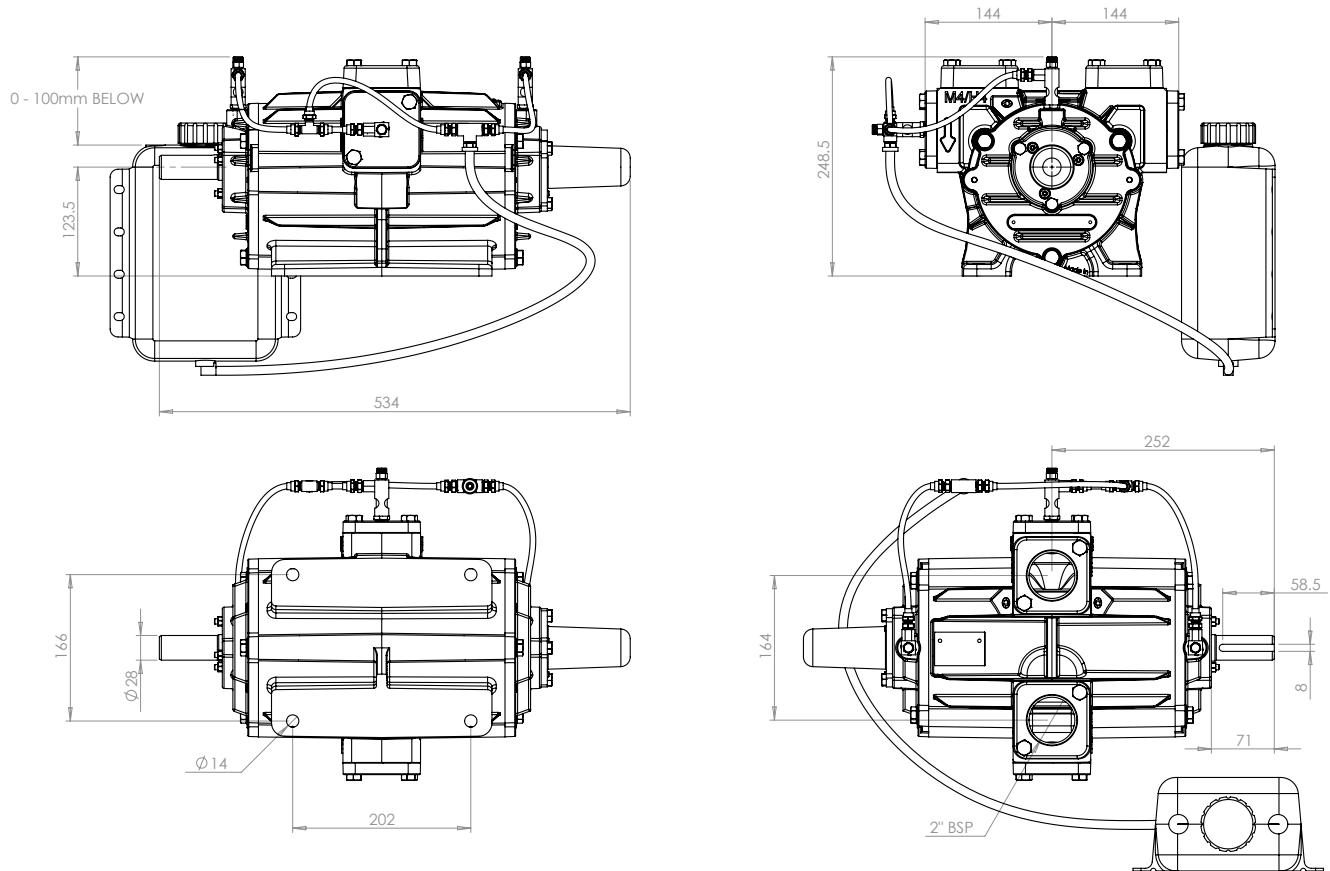
Skellerup M4 Vacuum Pump Performance at 50kPa (at sea level)



Minimum flow of 1,140 lpm drawing 3.4kW of power
Maximum flow of 2,100 lpm drawing 5.4kW of power

Our Preferred Setup

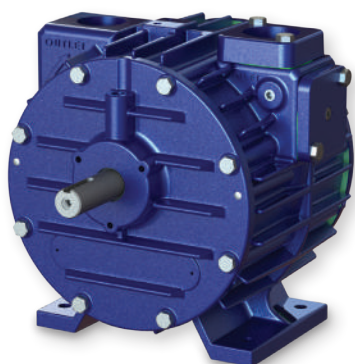
M4 Dropper



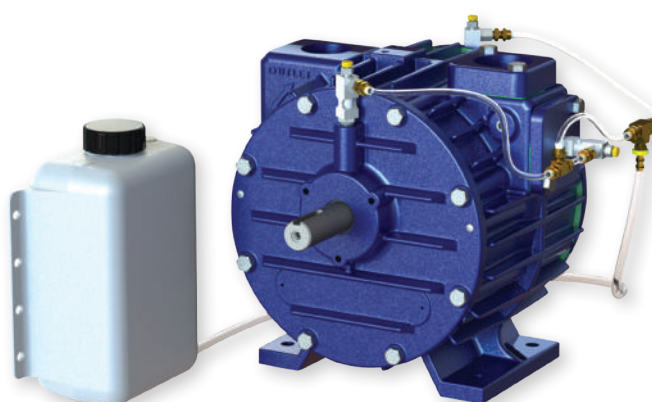
M4 Vacuum Pump Additional Features

- ☛ Tangential Rotor Design**
 More efficient input to output energy ratio
 Reduced vane and cylinder wear for longer service life
- ☛ End Thrust Protection**
 Prevents cylinder and end cover contact
 Prolongs service life
- ☛ 4 Ports (38mm or 50mm Thread Options)**
 Versatility of installation
 Vertical, horizontal or mixed plumbing
- ☛ Solid Rotor**
 Limits vibration
 Sound dampening ability
- ☛ Shaft**
 High tensile steel

M7.5 Vacuum Pump Series

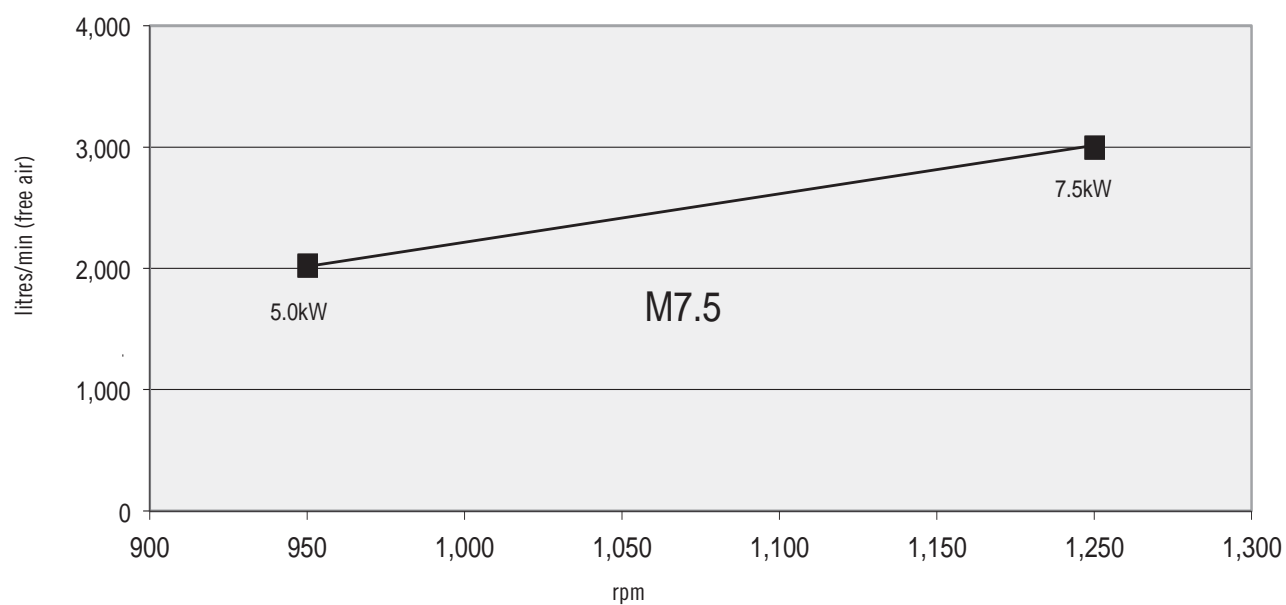


M7.5 No Lube



M7.5 Dripper

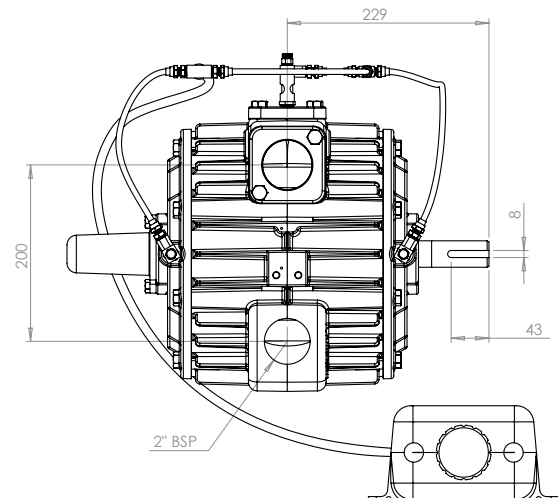
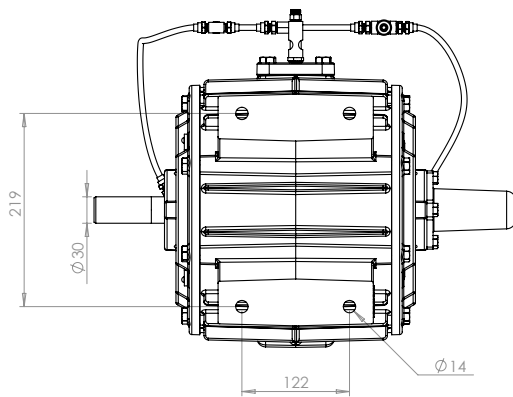
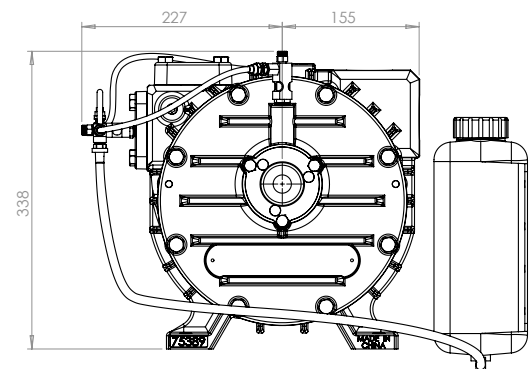
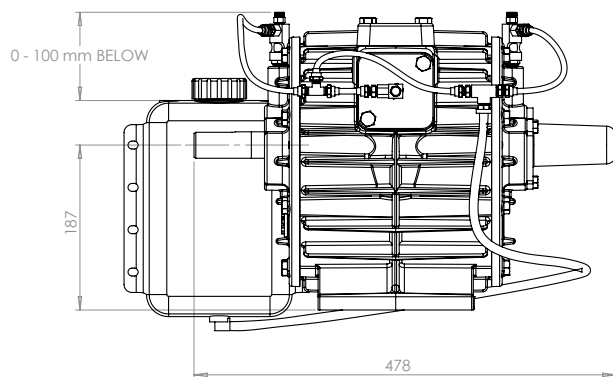
Skellerup M7.5 Vacuum Pump Performance at 50kPa (at sea level)



Minimum flow of 2,025 lpm drawing 5.04kW of power
Maximum flow of 3,000 lpm drawing 7.5kW of power

Our Preferred Setup

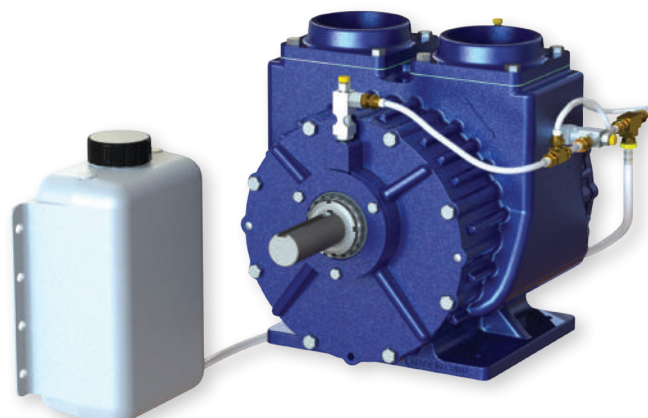
M7.5 Dripper



M8 Vacuum Pump Series

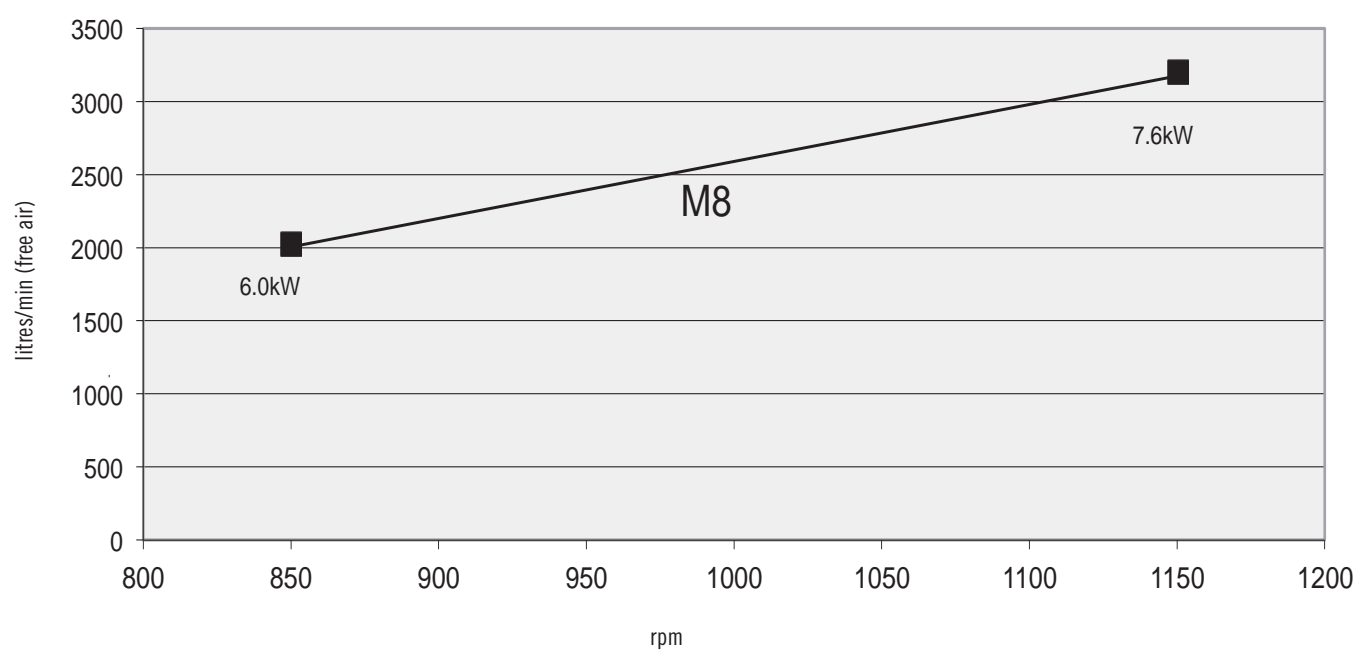


M8 No Lube



M8 Dripper

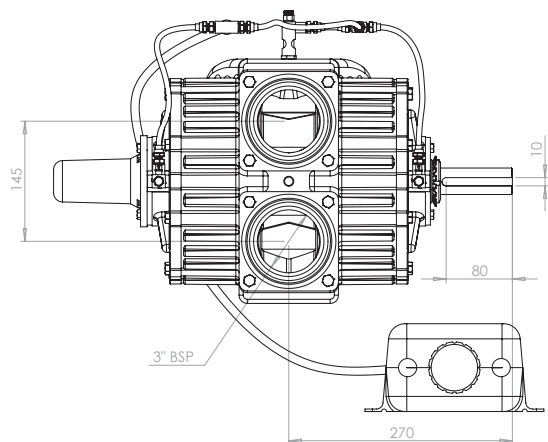
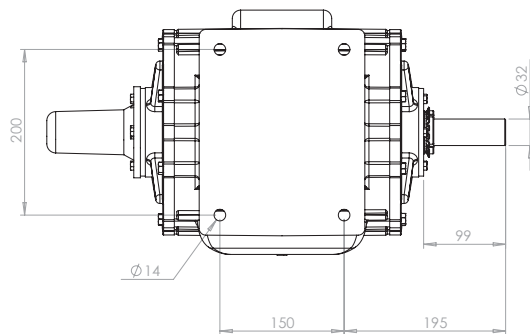
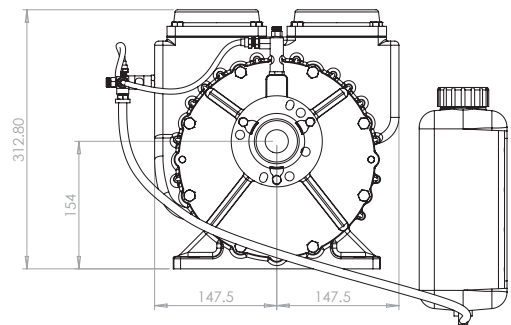
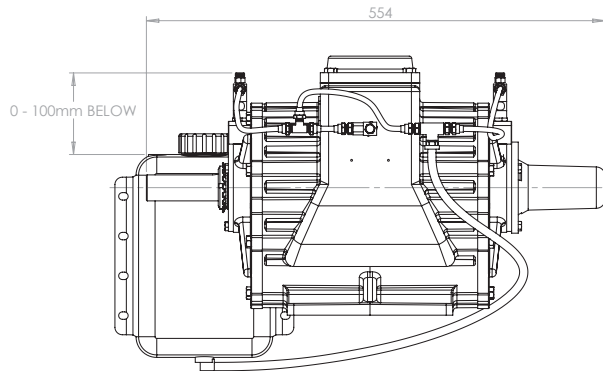
Skellerup M8 Vacuum Pump Performance at 50kPa (at sea level)



Minimum flow of 2,025 lpm drawing 6.0kW of power
Maximum flow of 3,200 lpm drawing 7.6kW of power

Our Preferred Setup

M8 Dripper



M8 Vacuum Pump Additional Features

- ☛ Tangential Rotor Design**
 More efficient input to output energy ratio
 Reduced vane and cylinder wear for a longer service life
- ☛ Solid Single Piece Rotor**
 Limits vibration
 Sound dampening ability
- ☛ Fully Retained Rotor**
- ☛ Robust Design**
- ☛ Heavy Duty Quality Bearings**
 High performance
 Longer service life
- ☛ Slow Speed**



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