Email: info@pistonpumps.com.au

TECHNICAL SPECIFICATIONS - REVS PER MINUTE CALCULATOR

Enter your pump/motor information in the blue cells and do the calculations:

A = Drive pulley dimension (motor)   units - inches/cm/mm etc

B = Driven pulley dimension (pump)   units - inches/cm/mm etc

C = Calculated multiplier | Divide A by B |

D = RPM of motor   per minute

Revs per minute for pump pulley | **Multiply C by D** |

Note: To recalculate the speed, change the size of your pulleys until you achieve the desired results

Optimum speed: 60 strokes per minute
                     A conversion of strokes per minute to rpm is available from the following link:
                     http://www.pistonpumps.com.au/documents/pump_capacity.pdf

For example: The 5" x 8" Forrers pump on the home page has a 30" diameter pulley
                     If it is driven by a motor at 1500 revs with a 6" diameter pulley, the pump will be doing 300 rpm.

A = Drive pulley dimension (motor)   6 units - inches/cm/mm etc

B = Driven pulley dimension (pump)   30 units - inches/cm/mm etc

C = Calculated multiplier   0.200

D = RPM of motor   1500

Revs per minute - pump pulley   300 per minute