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Air Consumption of a Cylinder

To calculate the air consumption of a cylinder, multiply the total inches of stroke (extend plus retract) by the cycles per minute times the SCFM factor from the chart below.

Air consumption = Stroke length (in.) x Cycles/min x SCFM factor

To find the SCFM factor, find your gauge pressure in the left hand column. Next, find your cylinder bore size in the chart. Where the two intersect, read down to the SCFM factor at the bottom of the chart.

Air Consumption Chart

