



Regenerative Pump

0.51hp

1.0hp

Inlet Size -----	1-1/4" (F)NPT -----	1-1/2" (F)NPT
Outlet Size -----	1-1/4" (F)NPT -----	1-1/2" (F)NPT
HP -----	0.51 -----	1.00
Voltage -----	115/230 -----	115/230
Phase -----	Phase 1 -----	1
Full Load Amps -----	5.0/2.5 -----	8.6/4.3
Max. Pressure -----	50" WC -----	54.5" WC
Max. Flow Rate -----	56 CFM -----	98 CFM
Max. Vacuum -----	45" Hg -----	50" Hg
Max. Ambient Temp -----	104 Degrees F -----	104 Degrees F
Housing Material -----	Aluminum Alloy -----	Aluminum Alloy
Overall Length -----	10" -----	12-3/16"
Overall Height -----	10-1/8" -----	11-15/16"
Overall Depth -----	11-5/8" -----	11-5/8"
Standards -----	Class B NEMA Insulation -----	Class B NEMA Insulation

3/4hp

1.0hp



Rotary Pump

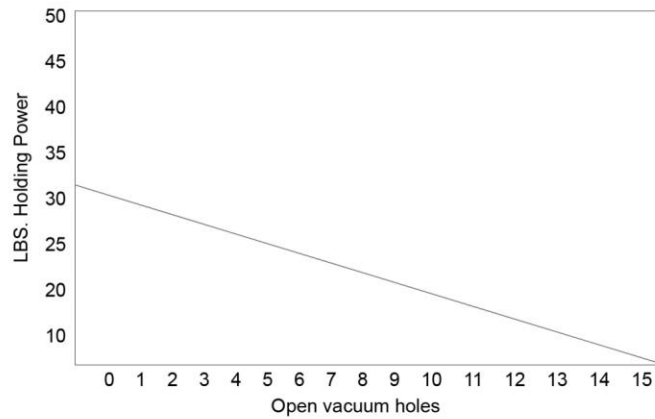
Inlet Size -----	3/8" NPT -----	3/8" NPT
Outlet Size -----	3/8" NPT -----	3/8" NPT
HP -----	3/4 -----	1
Voltage -----	115/230 -----	115/230
Hz -----	50/60 -----	50/60
Phase -----	1 -----	1
Full Load Amps -----	12.2/6.1 -----	13.0/6.5
Free Air CFM @ 0 PSI -----	10.00 -----	13.50
Free Air CFM @ 10 PSI -----	9.00 -----	10.00
Max. Vacuum -----	26" Hg -----	26" Hg
Free Air CFM @ 0 In. Hg -----	10.00 -----	13.20
Free Air CFM @ 10 In. Hg -----	6.30 -----	8.00
Free Air CFM @ 20 In. Hg -----	0.80 -----	0.00
RPM -----	1725 -----	1725
Overall Length -----	15.94" -----	16.95"
Overall Width -----	6.5" -----	6.5"
Overall Height -----	8.34" -----	8.8"
Housing -----	Cast Iron -----	Cast Iron
Design -----	Oil-less -----	Oil-less
Standards -----	CSA -----	CSA



Regenerative Pump

Pros: Good holding power - Better for hi flow applications
Used for light CNC machining, engraving, holding media for printing, photography, keeping flexible materials flat. A few exposed holes in the vacuum table will not greatly reduce the holding power.

Cons: Holding power is not as strong as a Rotary Vane



Rotary Pump

Pros: Very strong holding power
Used for CNC machining and other applications requiring strong holding power.

Cons: Low flow - Open holes on the vacuum table or workpiece will greatly reduce the holding power because of "low flow". May require sealing of workpiece on the vacuum table using tape, clay or O'ring jig.

