

## 3200 SERIES PUMP PRODUCT TECHNICAL DATA SHEET

**OEM:** 3214-1E1-82B

**AFTERMARKET:** 90-3214-1E1-82B-SB (Includes Fittings, Retail Packaging)

**APPLICATION:** Agricultural, Chemical and Sprayer application intermittent duty only. This pump is not listed for potable water use.



### **PUMP DESIGN:**

Type: 3 Chamber Positive Displacement Diaphragm  
 Maximum Flow: 3.5 GPM [13.25 LPM]  
 Fluid Ports: 3/4" Quick Attach Female  
 Liquid: 140 F [60 C] MAX  
 Dry Prime: 10 feet [4.2M]  
 Run Dry: Yes  
 Shut Off Pressure: 60 PSI [4.1 Bar]  
 Control: Pressure Switch

### **Electrical:**

Motor: 12 VDC Permanent Magnet, Intermittent Duty  
 Voltage Range: 11.5 VDC – 14.5 VDC  
 Max Amps: 10 Amps  
 Protection: Thermal Overload  
 Leads: 14 AWG, 6" [15cm]  
 Fuse: 15 Amp recommended  
 Control: Pressure Switch  
 Max Temp: 180 F [82 C]

### **Materials of Construction**

Housing: Polypropylene  
 Valves: Viton  
 Diaphragm: Santoprene  
 Base: Metal Base  
 Hardware: Zinc Plated Steel

### **AGENCY APPROVALS:**

CE, CSA, RoHs, NSF

### **SHIPPING INFORMATION:**

Part Net Weight: 6 lbs [3.62 kg]  
 Carton Quantity: 6 Units  
 Carton Size: 6" x 22" x 17.75"  
 Carton Weight: 38 lbs [ 17.23 kg]



PSI	GPM	BAR	LPM	Amperage
0	3.50	0.00	13.25	5.30
10	3.25	0.69	12.30	6.50
20	3.00	1.38	11.36	7.40
30	2.75	2.07	10.41	8.40
40	2.50	2.76	9.46	9.10
50	2.00	3.45	7.57	9.95
60	1.75	4.14	6.62	10.20

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