

## 3200 SERIES PUMP PRODUCT TECHNICAL DATA SHEET

**OEM:** 3214-1E1-73B

**AFTERMARKET:** 3214-1E1-73B-B (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: 24 VDC Permanent Magnet, Intermittent Duty  
 Voltage Range: 23 VDC – 27.5 VDC  
 Max Amps: 5 Amps  
 Protection: Thermal Overload  
 Leads: 14 AWG, 6" [15cm] 2 pin Connector  
 Fuse: 7.5 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 | 2.85     |
| 10  | 3.25 | 0.69 | 12.30 | 3.25     |
| 20  | 3.00 | 1.38 | 11.36 | 3.95     |
| 30  | 2.75 | 2.07 | 10.41 | 4.20     |
| 40  | 2.50 | 2.76 | 9.46  | 4.55     |
| 50  | 2.00 | 3.45 | 7.57  | 5.00     |
| 60  | 1.75 | 4.14 | 6.62  | 5.10     |

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