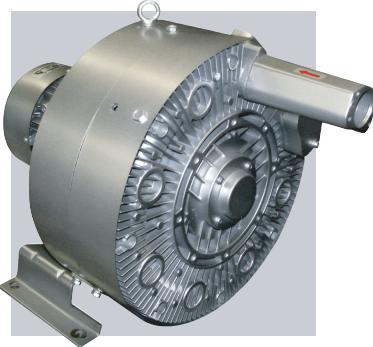
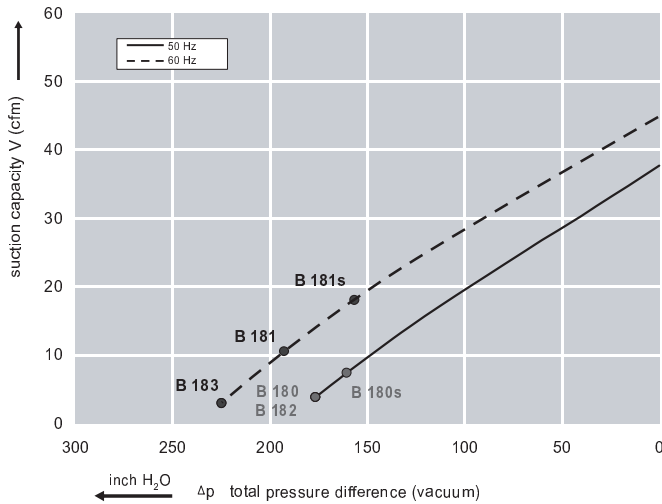


### Features:

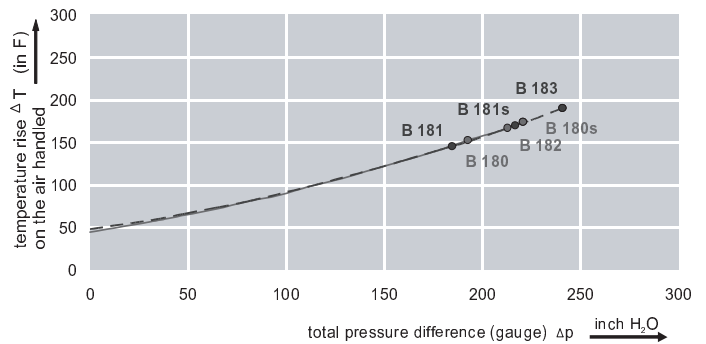
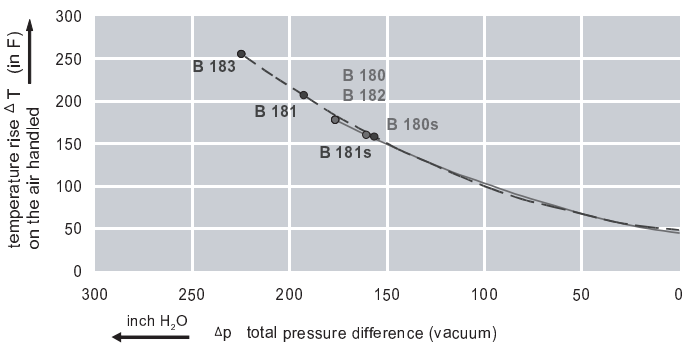
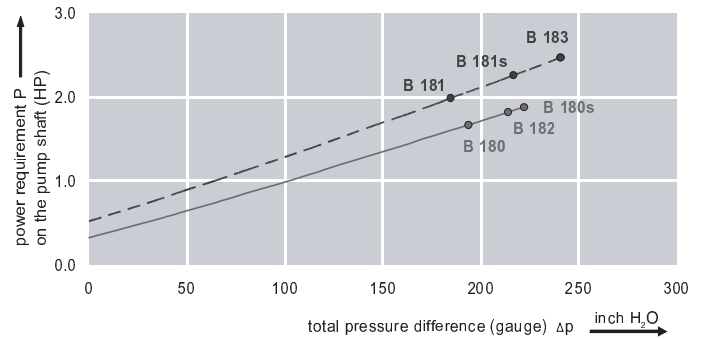
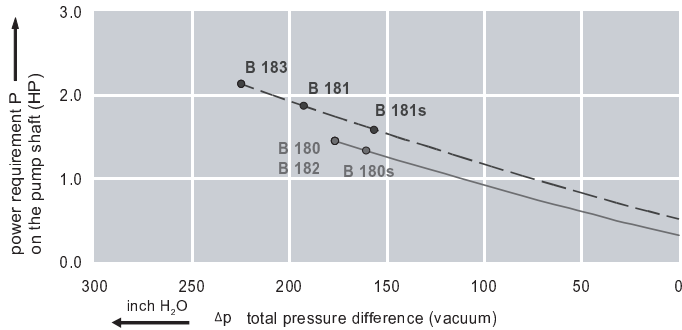
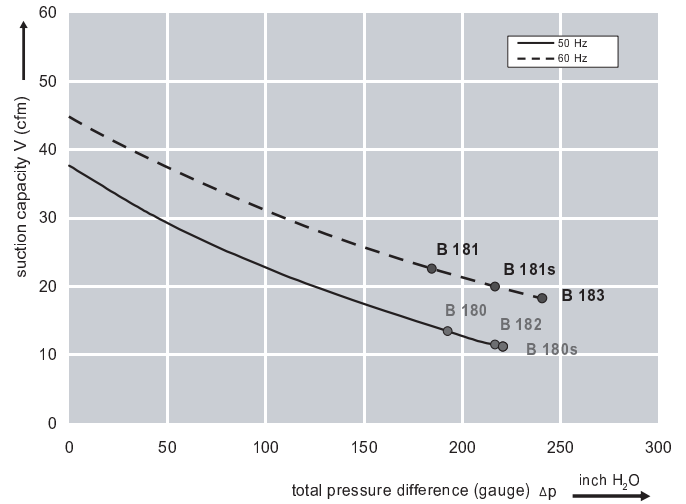


- Cooler running, outboard bearing provides maintenance-free operation
- Environmentally friendly oil-free technology
- Extremely quiet operation
- All motors are standard TEFC with Class F insulation, UL recognized, CE Compliant  
*Explosion-Proof motors available*
- Custom construction blowers are available
- Rugged die cast aluminum construction

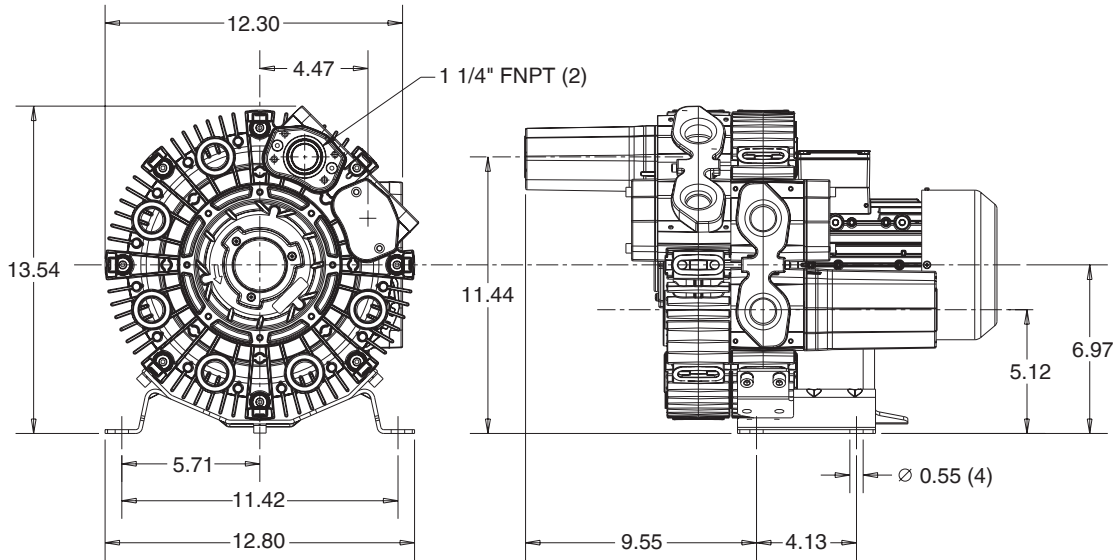
Performance curve for Vacuum pump



Performance curve for Compressor



### Dimensions: (inches)



### Recommended Accessories:

#### Relief valve:

VC51Z (Vacuum)  
PC51Z (Pressure)

#### Filter:

ATF-125-1337  
(Vacuum)  
AFS-20-125-10  
(Pressure)

Specifications subject to change without notice. Please contact factory for specification updates.

### Selection & Ordering Data - Type 3BA7320

| Curve No.  | Order No.     | Fre-<br>quency<br>Hz | Rated<br>power<br>HP | Input voltage |               | Input current |       | Permissible total differential pressure |                        | Sound pressure level<br>dB(A) | Weight<br>lbs |
|--|---------------|----------------------|----------------------|---------------|---------------|---------------|-------|---|------------------------|-------------------------------|---------------|
|  |               |                      |                      | V             |               | A             |       | Vacuum<br>inch H2O                      | Compressor<br>inch H2O |                               |               |
| <b>3~ 50/60 Hz IP55 insulation material class F</b>                      |               |                      |                      |               |               |               |       |   |                        |                               |               |
| B 180  | 3BA7320-0AT46 | 50                   | 1.47                 | 200D ... 240D | 345Y ... 415Y | 5.4D          | 3.1 Y | -177                                    | 193                    | 59                            | 64            |
| B 181  | 3BA7320-0AT46 | 60                   | 2.01                 | 220D ... 250D | 415Y ... 460Y | 5.5D          | 3.2 Y | -193                                    | 185                    | 63                            | 64            |
| B 182  | 3BA7320-0AT56 | 50                   | 2.01                 | 200D ... 240D | 345Y ... 415Y | 7.5D          | 4.3 Y | -177                                    | 217                    | 59                            | 66            |
| B 183  | 3BA7320-0AT56 | 60                   | 2.75                 | 220D ... 250D | 415Y ... 460Y | 7.5D          | 4.4 Y | -225                                    | 241                    | 63                            | 66            |
| <b>1~ 50/60 Hz IP55 with attached capacitor for continuous operation</b> |               |                      |                      |               |               |               |       |   |                        |                               |               |
| B 180s   | 3BA7320-0AS75 | 50                   | 2.0                  | 115           | 230           | 19.4          | 9.7   | -161                                    | 221                    | 59                            | 70            |
| B 181s   | 3BA7320-0AS75 | 60                   | 2.35                 | 115           | 230           | 20.6          | 10.3  | -157                                    | 217                    | 63                            | 70            |

Suitable for 208 Volt Operation

All curves are rated at 14.7 psia and 68°F ambient conditions and are reported in SCFM referenced to 68°F and 14.696 psia sea level conditions. Curve values are nominal, actual performance may vary by up to 10% of the values indicated. For inlet temperatures above approximately 80 °F or for handling gases other than air, please contact your Airtech sales representative for assistance.