

Howden American Fan Company

Combination Data Sheet

AFB - Backward Curved



Quotation Number :
 Project Name : Industrial Fan Direct
 Item Reference: :

Fan Code : AF-9-B10127-5
 Customer :
 Date: :

Conditions Specified

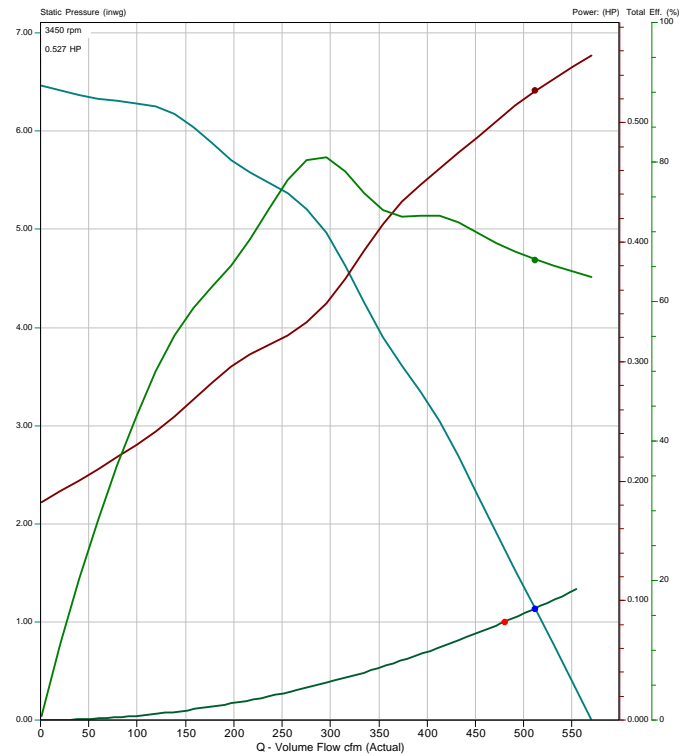
Volume 480 cfm
 Outlet Pressure 1.00 inwg (static)
 Inlet Pressure 0.00 inwg (static)
 Density 0.075 lb/ft³
 Humidity 50 %
 Operating Temperature 68 °F
 Construction Temperature 0 - 150 °F Standard
 Altitude 0 ft
 Arrt 4 (dDirect)

Fan Selection

Fan Code AF-9-B10127-5
 Volume 512 cfm
 Pressure @ 0.075 lb/ft³ 1.14 inwg (static)
 Pressure @ 0.075 lb/ft³ 1.14 inwg (static)
 Power @ 0.075 lb/ft³ 0.527 HP
 Power @ 0.075 lb/ft³ 0.527 HP
 Fan Speed 3450 rpm
 Max Speed 4200 rpm
 Wheel Tip Speed 9139 fpm
 Max Safe Tip Speed 11125 fpm
 Velocity 7143 fpm
 Static Efficiency 17 %

Motor Selection

Motor Frame 56C
 Enclosure AF Enclosure TEFC
 Efficiency Grade Standard
 Speed 3450 rpm
 Power 0.750 HP
 Full Load 1.3 A
 Locked Rotor 7.8 A
 Electrical Supply 460 Volts 60 Hz 3 Phase



	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 ft**
Inlet*	86	88	99	98	92	89	84	79	103	88
* Lw dB re 10 ⁻¹² W										
** dBA re 2x10 ⁻⁵ Pa										

Terms and Conditions: This offer is made subject to the terms and conditions detailed on the accompanying letter.

Description	Qty
Fan AF-9-B10127-5	1
Fan Accessories	