



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

Fan Code : AF15-R16550-10  
 Customer :  
 Date: :

**Conditions Specified**

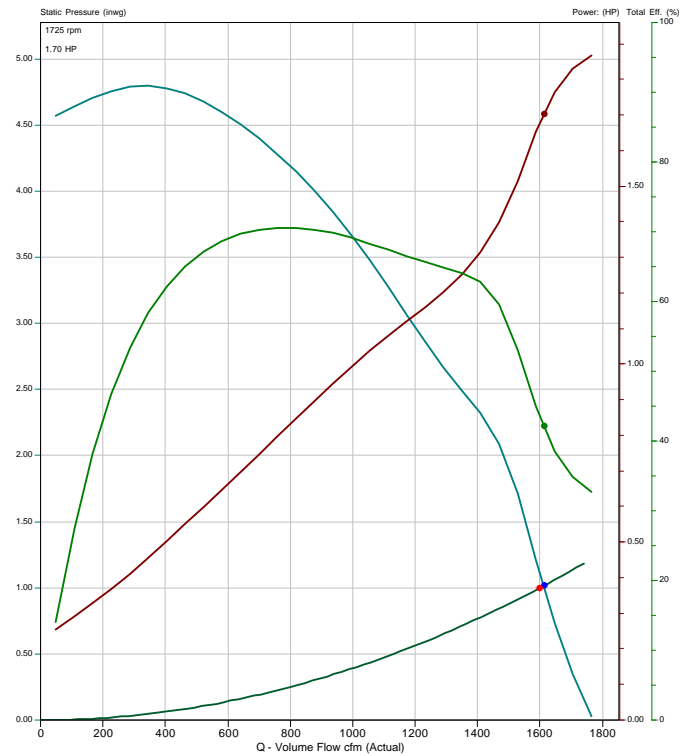
Volume 1600 cfm  
 Outlet Pressure 1.00 inwg (static)  
 Inlet Pressure 0.00 inwg (static)  
 Density 0.075 lb/ft<sup>3</sup>  
 Humidity 50 %  
 Operating Temperature 68 °F  
 Construction Temperature 0 - 150 °F Standard  
 Altitude 0 ft  
 Arrt 4 (dDirect)

**Fan Selection**

Fan Code AF15-R16550-10  
 Volume 1613 cfm  
 Pressure @ 0.075 lb/ft<sup>3</sup> 1.02 inwg (static)  
 Pressure @ 0.075 lb/ft<sup>3</sup> 1.02 inwg (static)  
 Power @ 0.075 lb/ft<sup>3</sup> 1.70 HP  
 Power @ 0.075 lb/ft<sup>3</sup> 1.70 HP  
 Fan Speed 1725 rpm  
 Max Speed 3750 rpm  
 Wheel Tip Speed 7503 fpm  
 Max Safe Tip Speed 16311 fpm  
 Velocity 5391 fpm  
 Static Efficiency 15 %

**Motor Selection**

Motor Frame 182TC  
 Enclosure AF Enclosure TEFC  
 Efficiency Grade Standard  
 Speed 1725 rpm  
 Power 2.00 HP  
 Full Load 9.5 A  
 Locked Rotor 32.3 A  
 Electrical Supply 230 Volts 60 Hz 1 Phase



	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 ft**
Inlet*	79	85	97	89	88	81	77	71	99	83
									* Lw dB re 10 <sup>-12</sup> W      ** dBA re 2x10 <sup>-5</sup> Pa	

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

Description	Qty
Fan AF15-R16550-10	1
Fan Accessories	