Howden American Fan Company
Combination Data Sheet
AFF - Forward Curved

Quotation Number	:	Fan Code	: AF-15-F15020-7
Project Name	: Industrial Fan Direct	Customer	:
Item Reference:	:	Date:	:

Conditions Specified

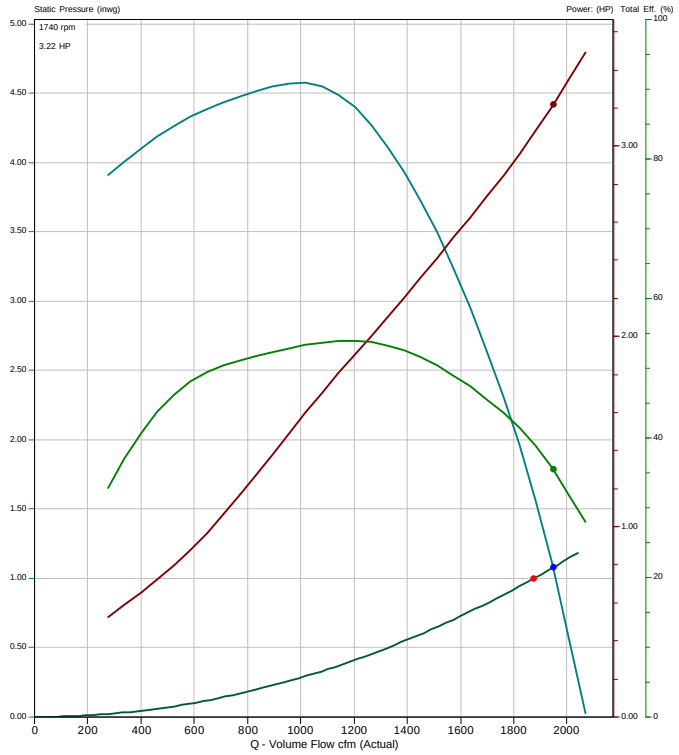
Volume	1875 cfm
Outlet Pressure	1.00 inwg (static)
Inlet Pressure	0.00 inwg (static)
Density	0.075 lb/ft³
Humidity	50 %
Operating Temperature	68 °F
Construction Temperature	0 - 150 °F Standard
Altitude	0 ft
Arrt	4 (dDirect)

Fan Selection

Fan Code	AF-15-F15020-7
Volume	1949 cfm
Pressure @ 0.075 lb/ft³	1.08 inwg (static)
Pressure @ 0.075 lb/ft³	1.08 inwg (static)
Power @ 0.075 lb/ft³	3.22 HP
Power @ 0.075 lb/ft³	3.22 HP
Fan Speed	1740 rpm
Max Speed	3600 rpm
Wheel Tip Speed	6833 fpm
Max Safe Tip Speed	14137 fpm
Velocity	6514 fpm
Static Efficiency	10 %

Motor Selection

Motor Frame	184T
Enclosure	AF Enclosure TEFC
Efficiency Grade	Premium
Speed	1740 rpm
Power	5.00 HP
Full Load	6.4 A
Locked Rotor	49.92 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*	78	82	91	88	88	86	82	76	95	82

* 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-15-F15020-7	1
Fan Accessories	

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, Ohio, 45014
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