



**aerotech**

**Size 18**

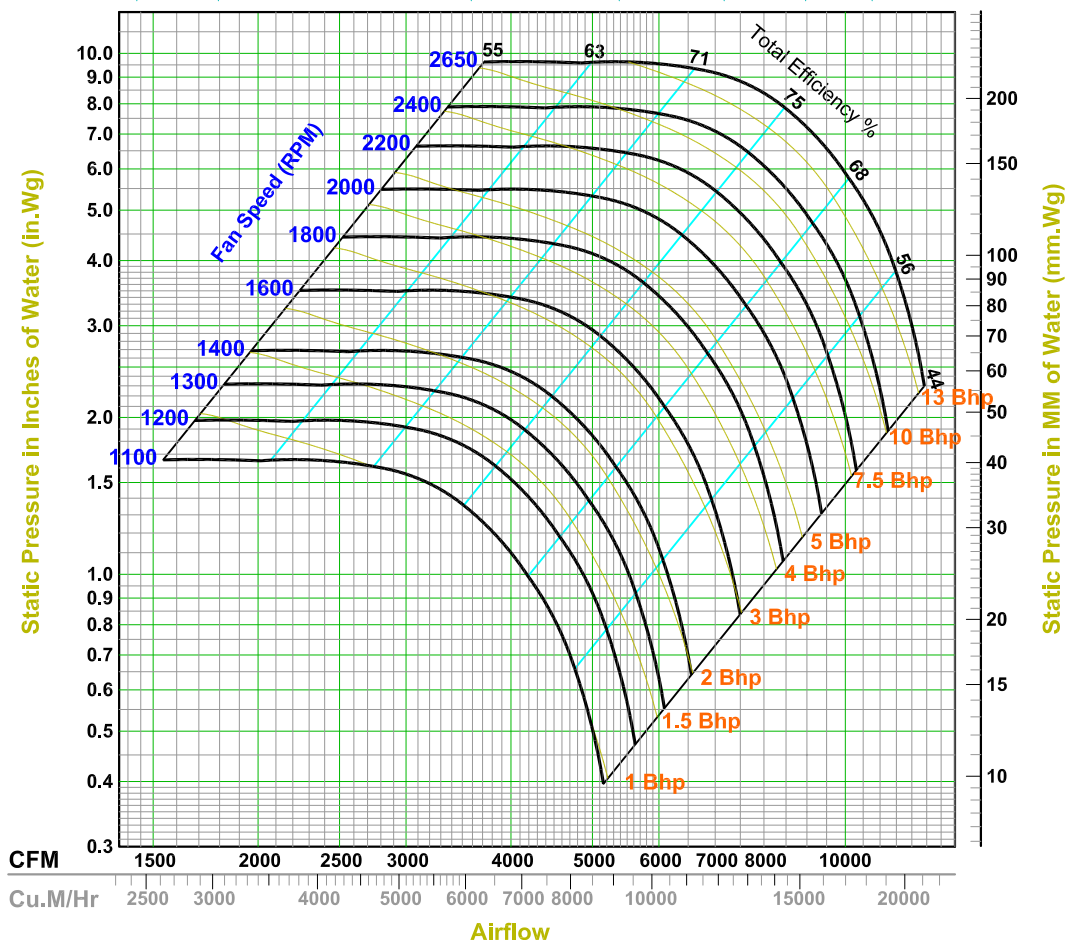
Outlet Area 3.59 Sq.Ft.

**FEG 80**

**Outlet Velocity**

**FPM**

400 500 1000 1500 2000 2500 3000



Performance certified is for installation type B - Free inlet, Ducted outlet. Power rating bhp does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

**Sound Power Levels**

Software Version AESOFT-001-November-2012

N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)								LwA	N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)								LwA
		63	125	250	500	1K	2K	4K	8K				63	125	250	500	1K	2K	4K	8K	
1100	0.70	75	77	80	77	73	68	65	62	79	1800	1.87	86	90	90	92	87	83	78	75	92
	1.36	72	74	77	73	68	63	64	65	75		3.63	84	87	87	89	83	78	74	75	89
	1.65	77	77	77	73	70	65	65	65	76		4.42	90	92	89	89	83	80	75	75	90
	0.83	77	79	81	80	75	71	67	64	81		2.30	88	93	92	95	90	86	81	78	95
1200	1.61	74	76	78	76	71	66	65	66	77	2000	4.48	86	90	89	92	86	81	76	77	92
	1.96	80	79	78	76	72	68	67	67	78		5.46	93	95	92	92	86	83	78	78	93
	0.97	79	81	83	82	78	73	69	66	83		2.79	90	95	95	97	93	88	83	80	98
	1.89	76	78	80	78	73	68	67	68	80		5.42	88	92	92	94	89	84	78	79	94
1300	2.31	82	82	80	78	74	70	68	68	80	2200	6.60	95	97	95	94	89	85	80	80	95
	1.13	80	83	84	84	80	75	71	68	85		3.32	91	97	97	98	95	91	86	82	100
	2.20	78	80	81	81	75	70	68	69	82		6.45	89	94	94	95	92	86	81	80	96
	2.67	84	84	82	81	76	72	70	70	82		7.86	96	100	98	95	92	88	83	82	97
1400	1.47	83	78	87	88	84	79	75	72	89	2400	4.05	93	99	100	100	94	94	89	85	102
	2.87	81	84	84	85	79	74	71	72	85		7.86	91	96	97	97	89	89	84	82	99
	3.49	87	88	86	85	80	76	73	73	86		9.58	98	102	101	98	95	90	86	84	100

Values shown are for inlet Lwi and inlet Lwi(A) sound power levels for installation Type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, refer to 10<sup>-12</sup> watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

Alreng Company  
certifies that the DWDI  
Centrifugal fan shown  
herein is licensed to  
bear the **AMCA Seal**.  
The ratings shown are  
based on tests and  
procedures performed in  
accordance with **AMCA**  
**Publication 211 and 311**  
and comply with the  
requirements of the  
**AMCA Certified Ratings**  
Program.



*Backward Centrifugal*  
**DWDI**