



**aerotech**

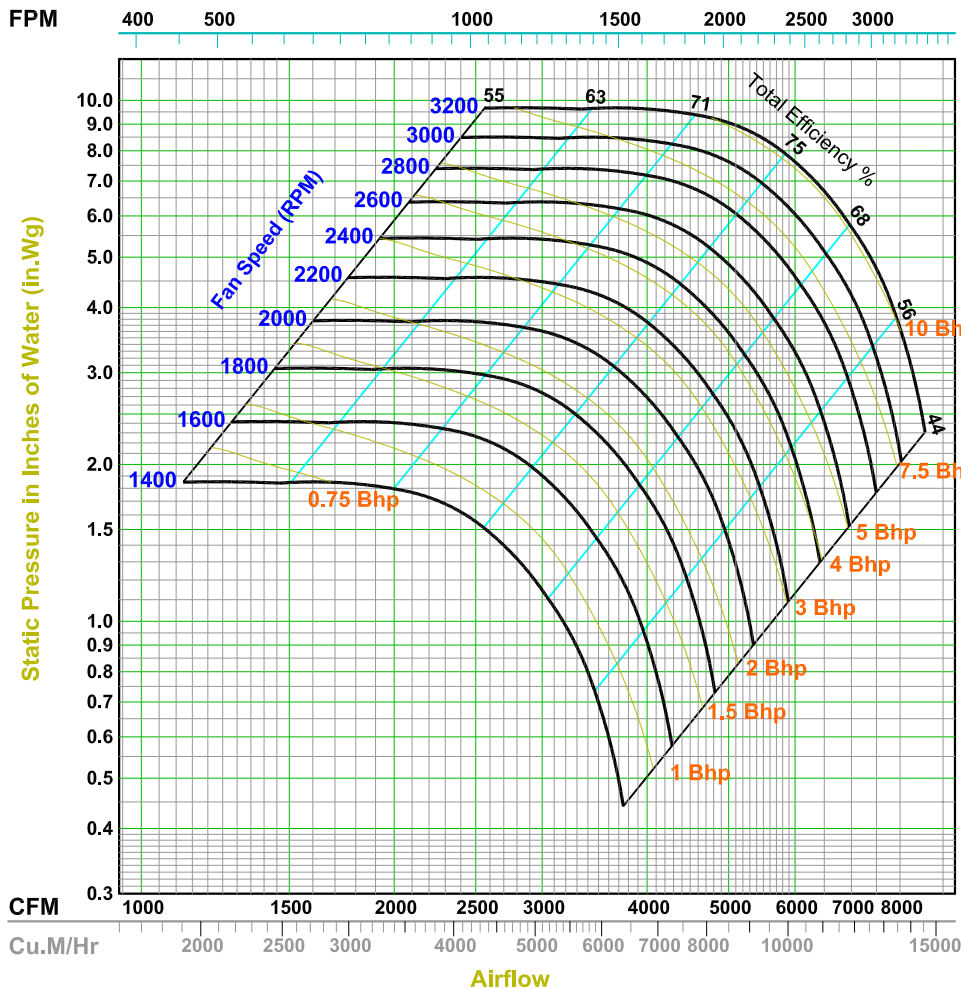
**Size 15**

Outlet Area 2.46 Sq.Ft.

**FEG 85**

Outlet Velocity

FPM



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
		63	125	250	500	1K	2K	4K	8K	
1400	0.78	73	76	78	78	74	70	66	63	79
	1.51	71	73	75	75	70	65	63	64	76
	1.84	77	77	76	75	71	67	64	64	76
	1.02	76	80	81	82	78	74	69	66	83
1600	1.97	74	77	78	79	73	69	65	66	79
	2.40	80	81	80	79	74	71	67	67	80
	1.28	79	83	84	86	81	77	72	69	87
	2.50	77	80	81	83	77	72	68	69	83
1800	3.04	83	85	83	83	77	74	70	70	84
	1.59	81	86	86	89	84	80	75	72	90
	3.08	79	83	83	86	80	75	70	71	86
	3.76	86	88	86	86	80	77	72	72	87
2000	1.92	83	88	89	91	87	83	78	74	92
	3.73	81	85	86	88	83	78	73	73	88
	4.55	88	90	89	88	83	80	75	74	89
2200										
2400	2.28	84	90	91	92	89	85	80	77	94
	4.44	82	87	88	89	86	80	75	75	90
	5.41	89	93	91	89	86	82	77	76	91
	2.68	86	92	93	94	92	87	83	79	96
2600	5.21	84	89	90	91	88	83	78	76	93
	6.35	91	95	94	91	88	84	80	78	93
	3.11	87	93	95	95	94	89	85	81	98
	6.05	85	91	92	92	91	85	80	78	95
2800	7.36	92	97	96	93	91	86	82	79	96
	3.57	88	95	97	97	96	91	87	83	100
	6.94	86	92	94	94	93	87	82	79	96
	8.45	93	99	98	95	93	88	84	81	98
3000	4.06	89	96	99	98	98	93	89	84	102
	7.90	87	94	96	95	95	89	84	81	98
	9.62	94	100	100	97	95	89	86	82	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**