



**aerotech**

**Size 16**

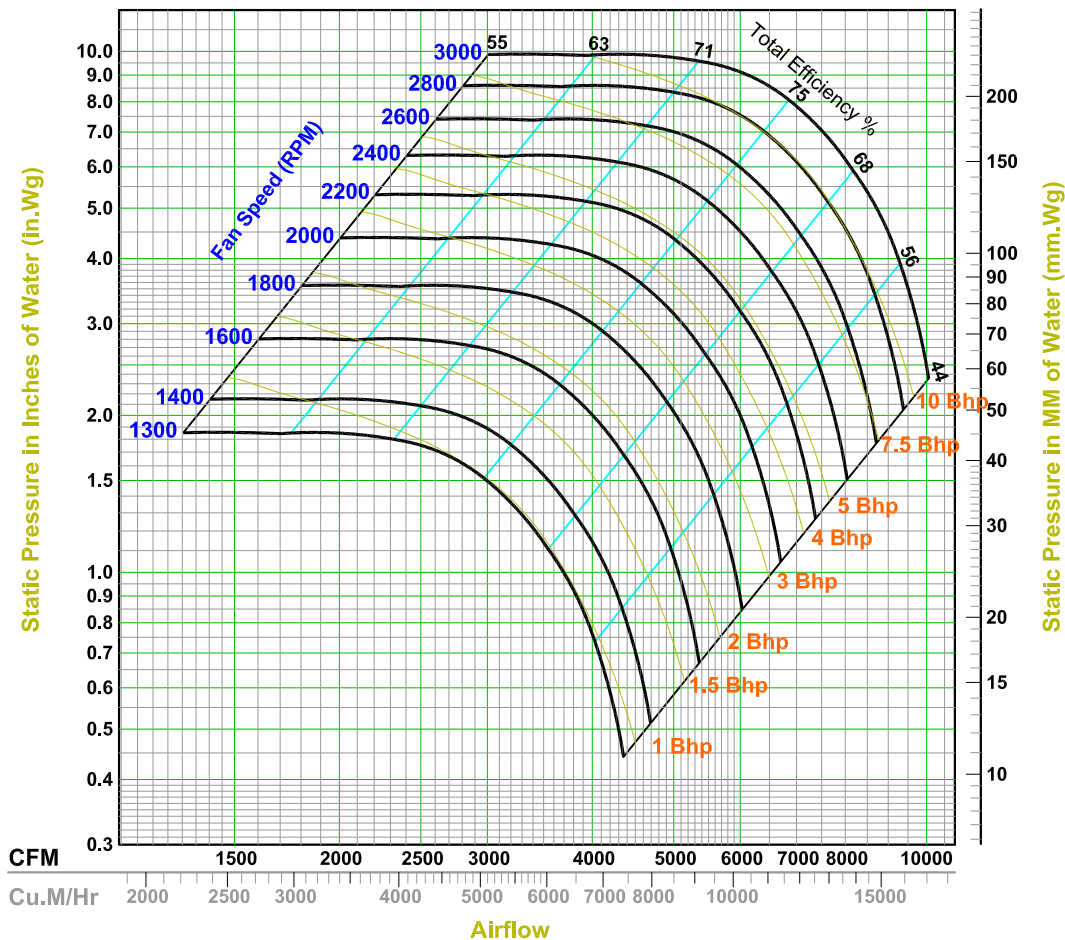
Outlet Area 2.88 Sq.Ft.

**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
		63	125	250	500	1K	2K	4K	8K	
1300	0.78	74	77	79	78	74	70	66	63	80
	1.51	72	74	76	75	70	65	64	65	76
	1.84	78	78	76	75	71	67	65	65	77
	0.90	76	79	81	81	76	72	68	65	82
1400	1.76	74	76	78	77	72	67	65	66	78
	2.14	80	80	78	77	73	69	67	67	79
	1.18	79	83	84	85	80	76	71	68	86
	2.29	77	80	81	81	76	71	68	69	82
1600	2.79	83	84	82	81	76	73	69	69	83
	1.49	82	86	86	88	83	79	75	72	89
	2.90	79	83	83	85	79	74	70	71	85
	3.54	86	88	86	85	80	76	72	72	86
1800	1.84	84	89	89	91	86	82	77	74	92
	3.58	82	86	86	88	82	77	72	73	88
	2000	4.36	89	91	89	88	82	79	74	89
N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)								LwA
		63	125	250	500	1K	2K	4K	8K	
2200	2.23	86	91	91	93	89	85	80	77	94
	4.34	84	88	88	90	85	80	75	75	91
	5.28	91	93	91	90	85	82	77	76	91
	2.65	87	93	94	95	92	87	83	79	96
2400	5.16	85	90	91	92	88	83	78	77	93
	6.29	92	96	94	92	88	84	80	78	94
	3.12	88	94	96	96	94	90	85	81	98
	6.06	86	92	93	93	91	85	80	79	95
2600	7.38	93	98	97	93	91	86	82	80	96
	3.61	90	96	98	98	96	92	87	83	100
	2800	7.02	88	92	95	95	93	87	82	97
	8.56	95	100	99	96	93	88	84	82	98
3000	4.15	91	98	100	99	99	94	89	85	102
	8.06	89	95	97	96	95	89	84	82	99
	9.82	96	101	101	98	95	90	86	83	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**