



aerotech

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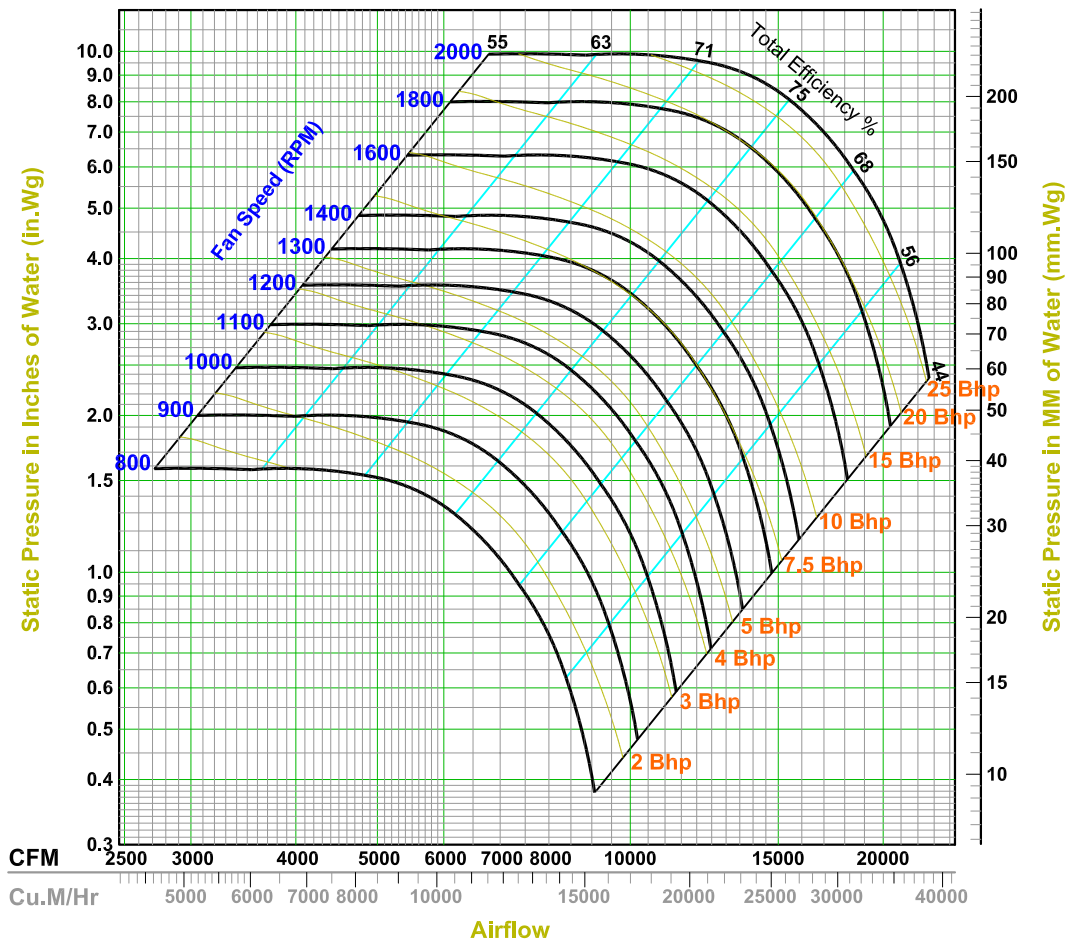
Outlet Area 6.47 Sq.Ft.

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).

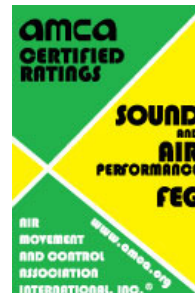
Sound Power Levels

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	
800	0.66	78	80	81	77	73	69	66	63	79
	1.29	75	77	78	73	68	65	66	67	76
	1.57	79	78	78	74	70	67	67	67	77
	0.84	81	82	85	81	76	72	69	66	83
900	1.64	78	79	82	76	71	67	68	69	79
	1.99	83	82	82	77	73	69	69	69	80
	1.04	84	85	88	84	79	75	72	69	86
1000	2.02	81	82	85	80	74	70	71	72	82
	2.46	86	85	85	80	76	72	72	72	83
	1.26	86	87	90	86	82	77	74	71	88
1100	2.44	83	84	87	83	77	72	73	73	84
	2.98	89	88	87	83	79	74	74	74	85
	1.50	88	90	91	89	85	80	76	73	90
1200	2.91	85	87	88	85	80	75	74	75	87
	3.54	91	90	88	85	81	77	76	72	88
N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)								LwA
		63	125	250	500	1K	2K	4K	8K	
1300	1.76	90	92	93	91	87	82	78	75	93
	3.41	87	89	90	88	82	77	76	77	89
	4.16	93	93	90	88	83	79	77	77	90
1400	2.04	91	94	94	94	89	84	80	77	95
	3.96	89	91	91	90	84	79	77	78	91
	4.82	95	95	92	90	85	81	79	79	92
1600	2.66	94	97	97	98	93	88	84	81	98
	5.17	92	94	94	94	88	83	80	81	95
	6.30	98	99	96	94	89	85	82	82	96
1800	3.36	97	101	100	101	96	92	87	84	102
	6.54	95	98	97	98	92	87	83	83	98
	7.97	101	102	99	98	92	89	84	84	99
2000	4.15	99	104	102	104	99	95	90	87	105
	8.08	97	101	99	101	95	90	85	86	101
	9.84	104	106	102	101	95	92	87	87	102

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 10⁻¹² 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