



aerotech

Size 20

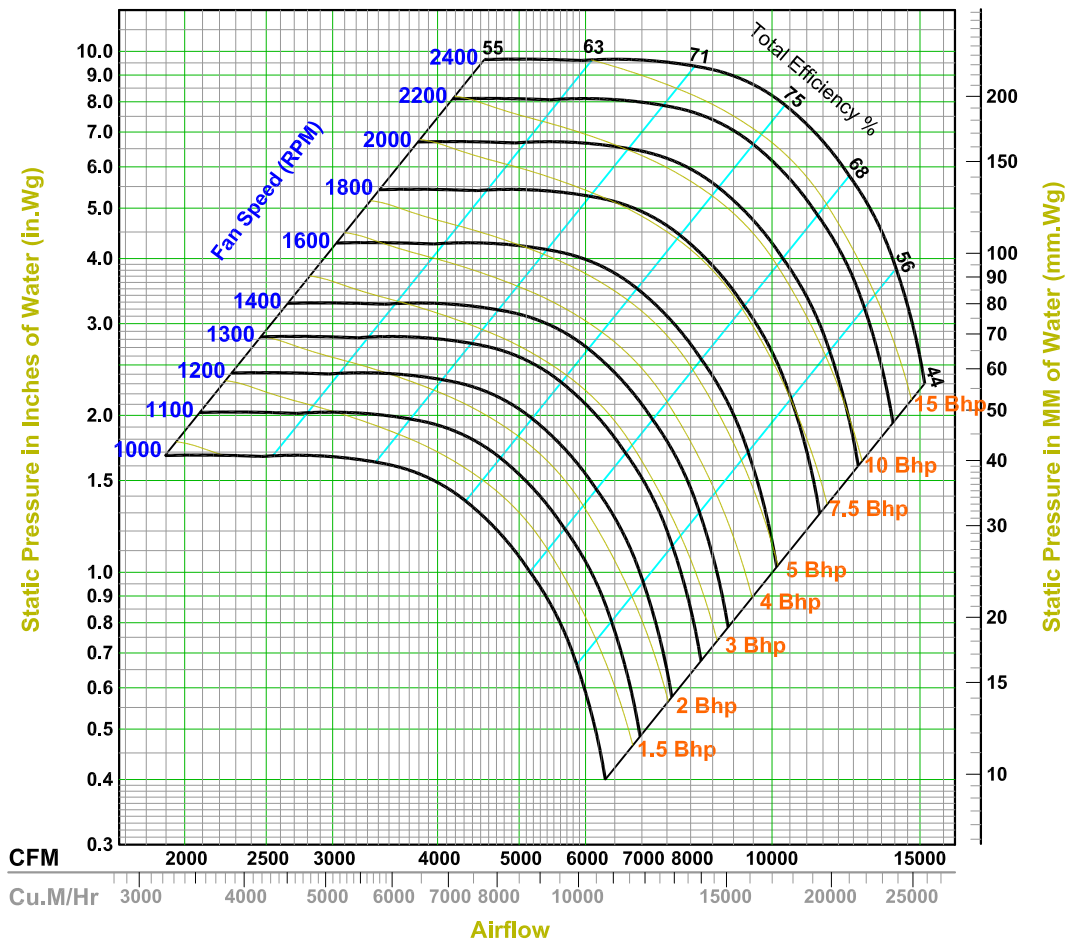
Outlet Area 4.39 Sq.Ft.

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).

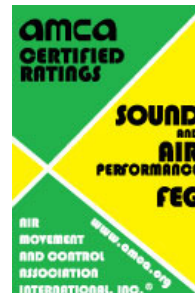
Sound Power Levels

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	
1000	0.70	77	78	81	77	73	69	66	63	79
	1.37	74	75	78	73	68	64	65	66	76
	1.67	79	78	78	73	70	66	66	66	77
	0.85	79	80	83	80	76	71	68	65	82
1100	1.66	76	77	80	76	71	66	67	68	78
	2.02	81	81	80	76	73	68	68	68	79
	1.01	81	83	85	83	79	74	70	67	84
1200	1.97	78	80	82	79	74	69	68	69	81
	2.40	84	83	82	79	75	71	70	70	81
	1.19	83	85	86	85	81	76	73	69	86
1300	2.31	80	82	83	82	76	71	70	71	83
	2.82	86	86	83	82	77	73	71	71	84
	1.38	84	87	88	88	83	78	74	71	89
1400	2.68	82	84	85	84	78	73	71	72	85
	3.27	88	88	86	84	79	75	73	73	86
N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)								LwA
		63	125	250	500	1K	2K	4K	8K	
1600	1.80	87	90	91	92	87	82	78	75	92
	3.50	85	87	88	88	82	77	74	75	89
	4.27	91	92	89	88	83	79	76	76	89
	2.28	90	94	94	95	90	86	81	78	96
1800	4.44	87	91	91	92	86	81	77	78	92
	5.40	94	95	93	92	86	83	89	78	93
	2.82	92	97	96	98	93	89	84	81	99
2000	5.48	90	94	93	95	89	84	79	80	95
	6.67	97	99	96	95	89	86	81	81	96
	3.41	94	99	98	100	96	91	87	83	101
2200	6.63	92	96	95	97	92	87	82	82	97
	8.07	99	101	99	97	92	88	84	83	98
	4.06	95	101	101	101	98	94	89	85	103
2400	7.89	93	98	98	98	95	89	84	83	100
	9.60	100	103	101	98	95	91	86	85	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 10⁻¹² 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