

aerotech

Size 48

Outlet Area 13.87 Sq.Ft.

Aireng Company certifies that the SWSI 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.



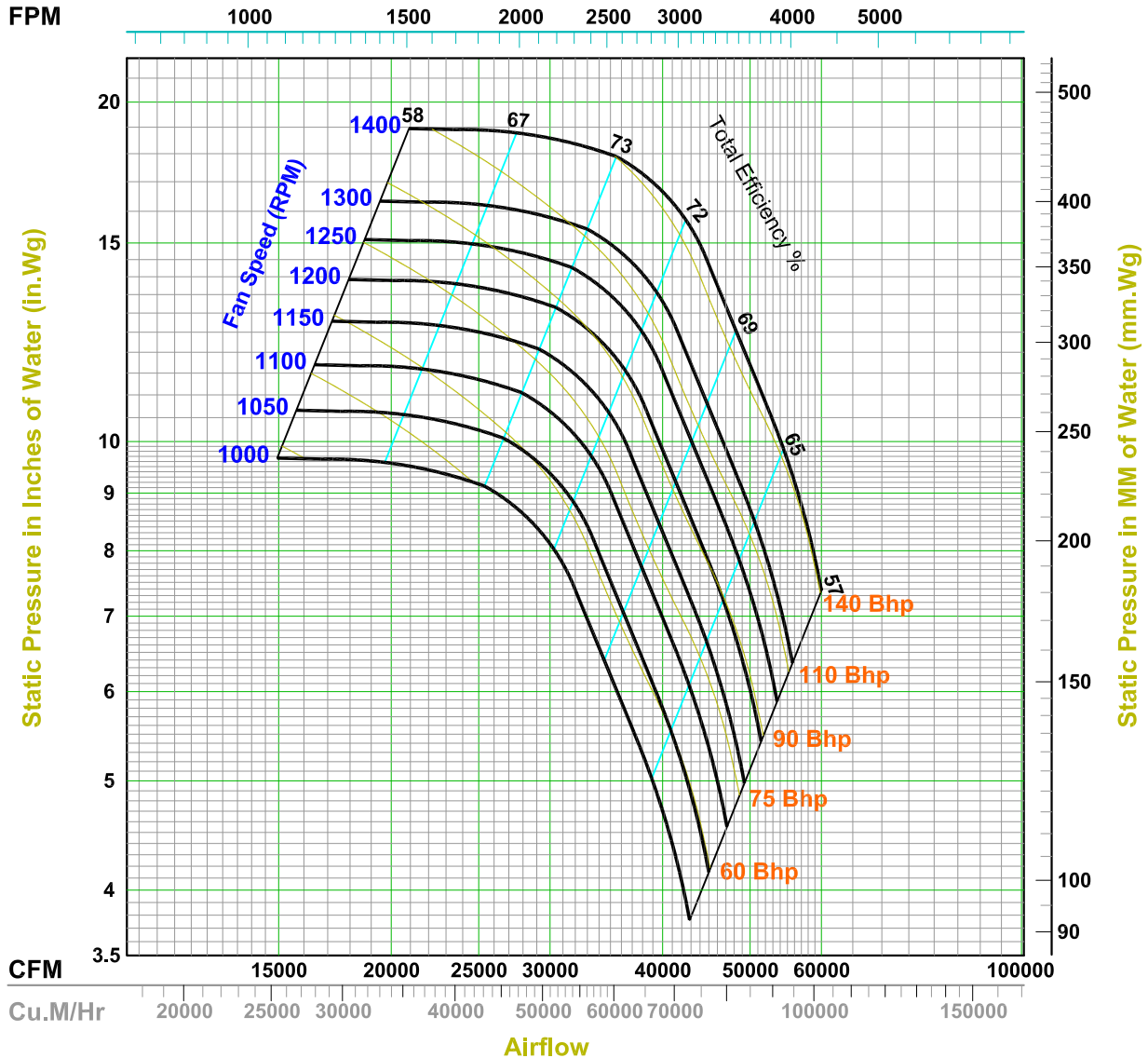
FEG 75

Backward Centrifugal

SWSI

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	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	
1000	5.52	103	101	103	98	95	90	90	90	101	1200	7.95	108	106	106	103	100	96	94	94	106
	9.14	110	101	100	95	91	88	90	92	99		13.16	113	108	103	100	96	93	94	96	104
	9.63	110	105	102	97	93	89	90	91	101		13.87	114	111	105	102	98	94	94	95	105
1050	6.09	104	103	104	99	97	92	91	91	102	1250	8.63	109	108	107	104	101	97	95	95	107
	10.07	111	103	101	96	93	90	91	93	100		14.27	113	110	104	101	97	94	95	97	105
	10.62	111	107	103	98	95	91	91	92	102		15.05	114	113	106	103	99	96	95	96	106
1100	6.68	106	104	105	101	98	93	92	92	104	1300	9.33	110	109	108	106	102	98	96	96	108
	11.05	112	105	102	98	94	91	92	94	102		15.44	114	111	105	103	98	95	95	97	106
	11.66	112	108	104	100	96	92	92	93	103		16.28	115	114	107	105	100	97	96	97	107
1150	7.30	107	105	105	102	99	94	93	93	105	1400	10.82	112	111	109	108	104	100	98	98	110
	12.08	112	107	102	99	95	92	93	95	103		17.91	115	114	107	105	100	97	97	99	108
	12.74	113	110	104	101	97	93	93	94	104		18.88	117	116	110	107	102	99	97	98	109

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.