

IN
MM

- NOTES
 1 DRAWING NOT TO SCALE, CONTACT FACTORY FOR SCALE CAD DRAWING.
 2 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

	NC33A (STD)	NC33AE9 (TEFC)	NC33AG58 (XP)
A	11.55 (293.2)	11.55 (293.2)	11.55 (293.2)
B	6.07 (154.2)	6.07 (154.2)	6.07 (154.2)
C	0.495 (12.6)	0.495 (12.6)	0.495 (12.6)
D	6.04 (153.4)	6.04 (153.4)	6.04 (153.4)
E	10.76 (273.3)	10.76 (273.3)	10.76 (273.3)
F	5.19 (131.8)	5.19 (131.8)	5.19 (131.8)
G	4.25 (108)	4.25 (108)	4.25 (108)
H	0.25 (6.4)	0.25 (6.4)	0.25 (6.4)
J	1.75 (44.5)	1.75 (44.5)	1.75 (44.5)
K	5.10 (129.5)	5.10 (129.5)	5.10 (129.5)
L	3.13 (79.5)	3.13 (79.5)	3.13 (79.5)
M	4.75 (120.7)	4.75 (120.7)	4.75 (120.7)
N	5.59 (142)	5.59 (142)	5.59 (142)
O	5.90 (149.9)	5.90 (149.9)	5.90 (149.9)
P	6.0 (152.4)	6.0 (152.4)	6.0 (152.4)
R	1.97 (50)	3.52 (89.4)	4.20 (106.7)
S	2.78 (70.6)	2.78 (70.6)	2.78 (70.6)
T	7.26 (184.4)	13.35 (339.1)	13.94 (354.1)
U	2.38 (60.5)	2.38 (60.5)	2.38 (60.5)
V	2.13 (54.1)	2.13 (54.1)	2.13 (54.1)
W	2.96 (75.2)	2.96 (75.2)	2.96 (75.2)
X	0.84 (21.3)	0.84 (21.3)	0.84 (21.3)
Y	4.0 (101.6)	4.0 (101.6)	4.0 (101.6)
Z	2.5 (63.5)	2.5 (63.5)	2.5 (63.5)
AA	---	7.13 (181.1)	---

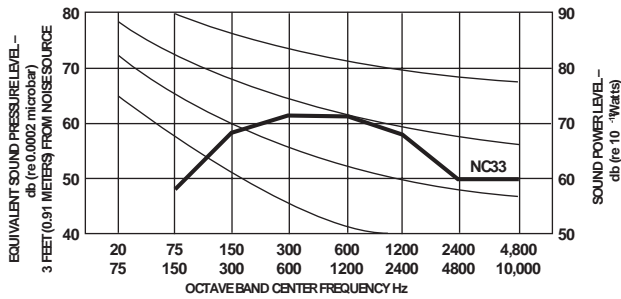
Specification	Units	Part/Model Number				
		NC33A2G 037791	NC33A3G 037792	NC33A33G 037793	NC33AE9 080114	NC33AG58 080113
Phase - Frequency	-	Single-50/60 Hz	Single-50/60 Hz	Three-50/60 Hz	Single-50/60 Hz	Single-50/60 Hz
Voltage	AC	115	220/230	208-230	115/230	115/230
RPM on 50/60 Hz	-	2900/3500	2900/3500	2900/3500	2900/3500	2900/3500
Insulation Class	-	B	B	B	F	F
Full - Load Amps	Amps (A)	3.44/3.84	1.47/1.82	1.10/1.18	6.0/3.0	4.4
Locked Rotor Amps	Amps (A)	8.25	4.0	5.0	21/10.5	38/19
Shipping Weight	Lbs	18	18	18	28	30
	Kg	8.2	8.2	8.2	12.7	13.6
Motor Enclosure	-	Standard	Standard	Standard	TEFC	XP

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

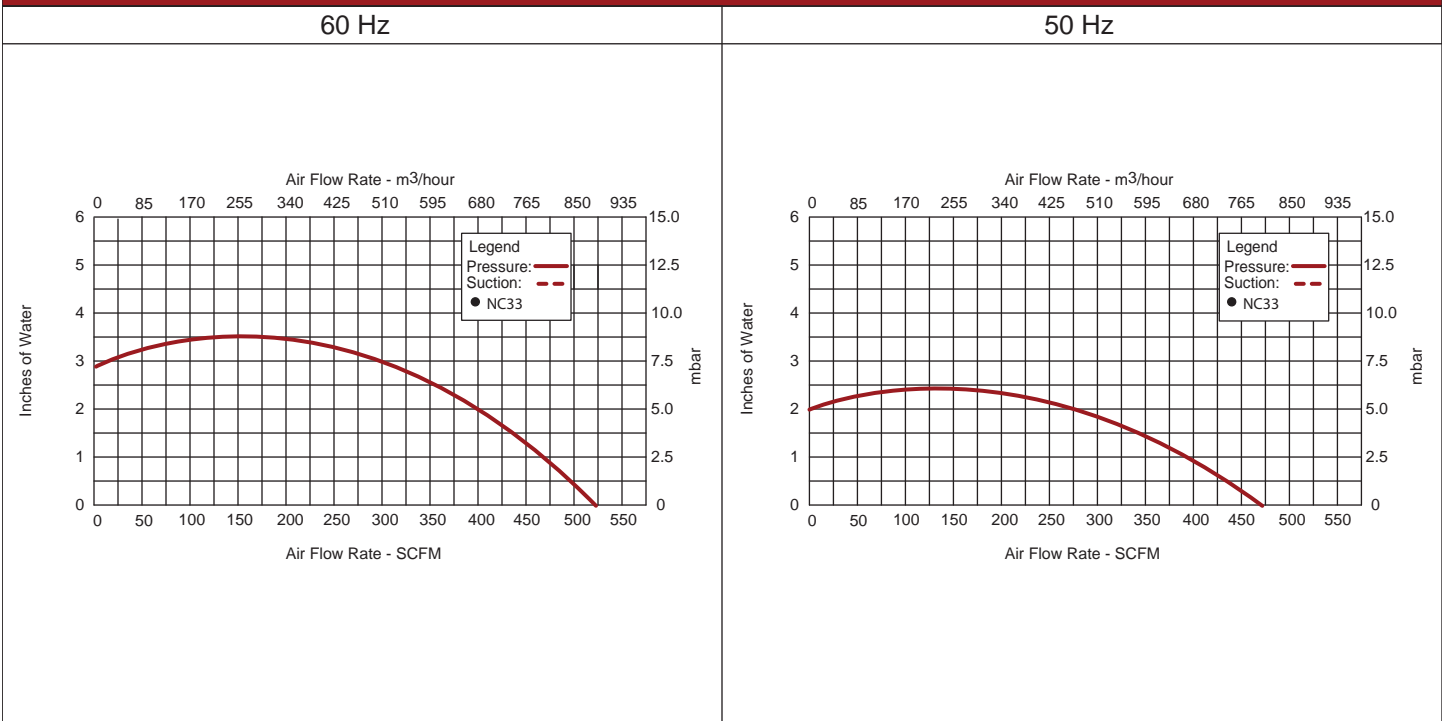
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FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- Maximum flow: 540 SCFM
- Maximum pressure: 3.5 IWG
- Thermoset plastic blower housing with aluminum impeller
- Permanently seal ball bearings in motor - L10 bearing life: 50,000 hours
- Quiet operation within OSHA standards
- Shipping weight: 18 lbs (8.2 kg) for standard model
28 lbs (12.7 kg) for TEFC model
30 lbs (13.6 kg) for XP model
- Designed for UL and CSA
- Automatic thermal overload protection on standard motor enclosures



Blower Performance at Standard Conditions



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