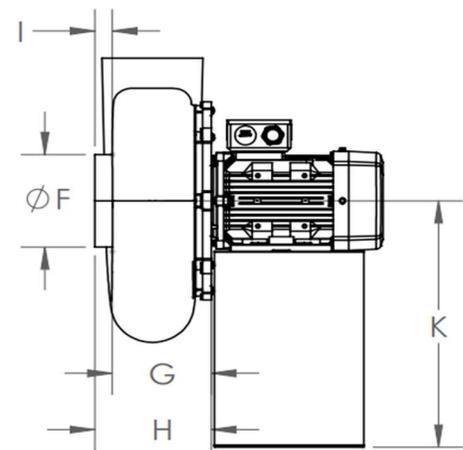
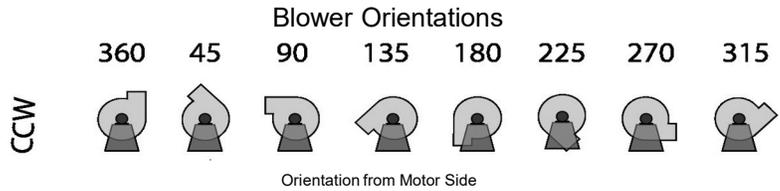
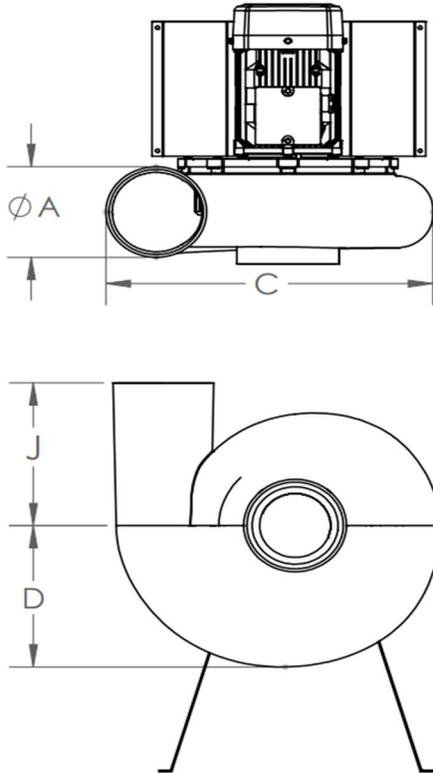




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Blower shown with Optional Motor Support Stand

Mechanical Data

	ØA (OD)	C	D	ØF (OD)	G	H	I	J
in	6.29	20.55	10.93	6.29	6.29	7.35	1.06	10.30
mm	160	523	278	160	160	187	27	262

Motor Height (K)

	3 Hp
in	17.34
mm	441

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

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Model Numbers

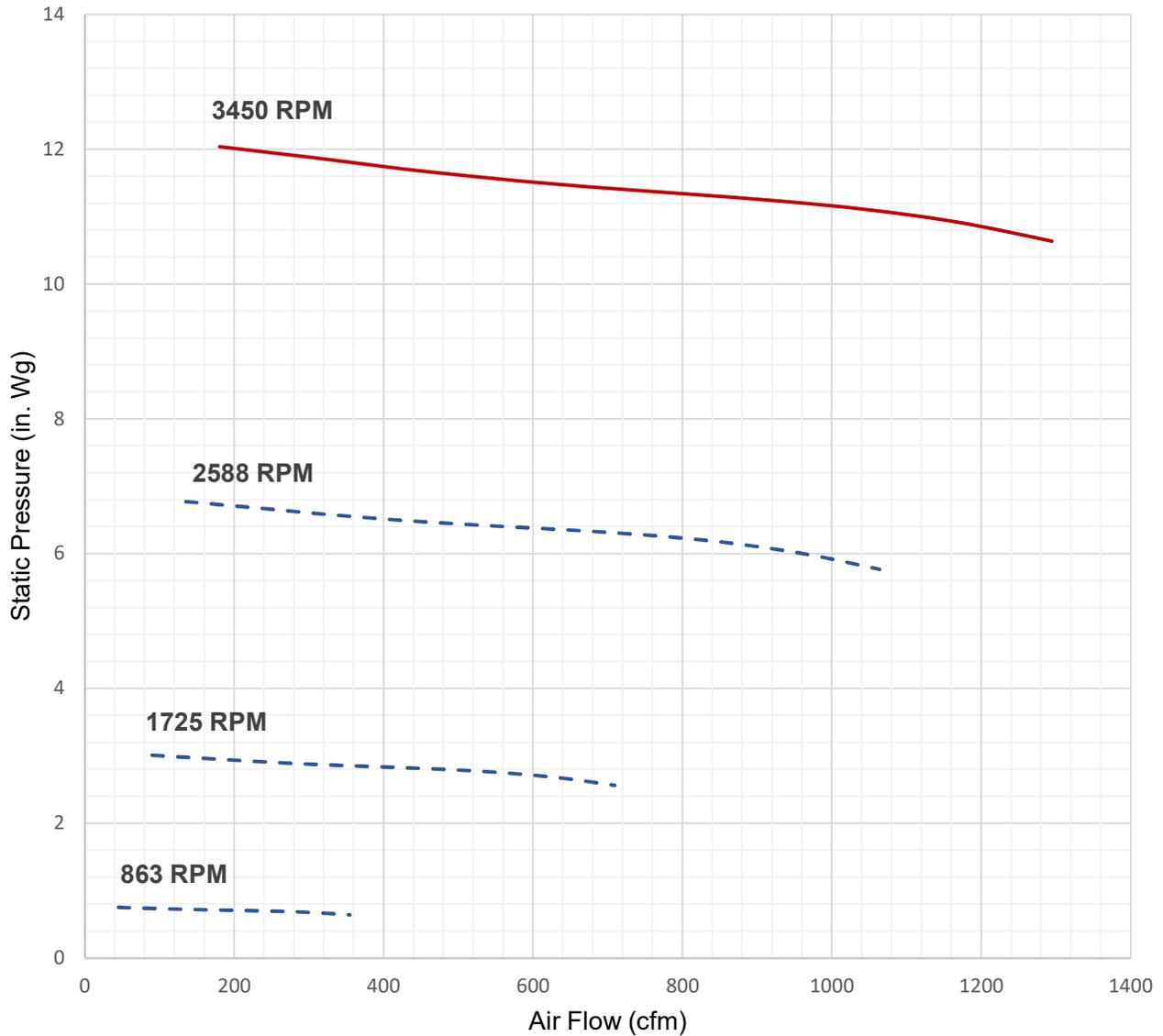
Model Number	Max. Flow (cfm)	Min. Flow (cfm)	Max. Static (in. Wg)	Min. Static (in. Wg)	Phase	Power (hp)	RPM	Voltage (V)	FLA	Weight (lb)
S16CT2P300	1340	50	12	0.1	Three Phase	3	3490	575	2.94	43.1
S16ST2P300	1340	50	12	0.1	Three Phase	3	3490	208-230/460	7.86-7.26/3.63	43.1

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Performance Curve



— Standard RPM

- - - Frequency Variation

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Acoustic Data

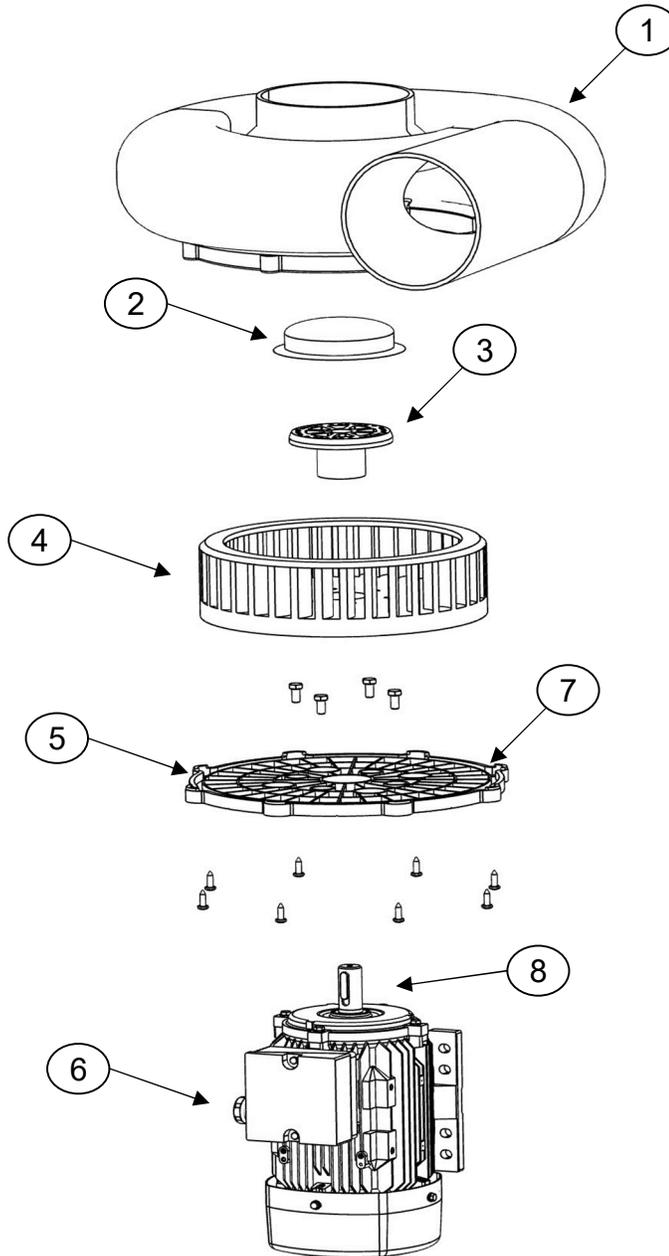
	Qv (cfm)	Ps (inwg)	Octave Band (Hz)								Lw dB	Lw(A) dB(A)	Lp(A) dB(A)	
			63	125	250	500	1000	2000	4000	8000				
3450 RPM	Inlet 1	1262	10.46	85.8	75.4	86	85.4	85.3	85.8	80.6	77.2	98	95.7	93.7
	Inlet 2	1074	10.85	86.8	75.3	85.8	85.2	85.2	85.5	80.3	77.2	98	95.5	93.4
	Inlet 3	604	11.40	88.8	75.0	81.3	84.2	84.5	84.4	79.8	76.7	97.1	94.5	92.5
	Inlet 4	343	11.83	90.9	73.7	79.3	84.0	83.9	83.8	79.4	76.2	97.3	94.2	92.2
	Outlet 1	1262	10.46	88.7	89.4	96	90.4	89.6	89.3	84.7	80.8	103	100.0	98.0
	Outlet 2	1074	10.85	88.9	88.8	96.5	89.6	89.2	89.0	83.9	80.6	103	99.6	97.6
	Outlet 3	604	11.40	91.2	86.9	91.1	87.9	88.6	88.4	83.1	79.9	101	98.5	96.4
	Outlet 4	343	11.83	93.4	84.1	88.3	87.2	88.0	88.0	83.0	79.8	100	98.0	95.9

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Expanded View



1	Housing
2	Hub Cap
3	Hub
4	Impeller
5	Motor Plate
6	Motor
7	Motor Plate Seal
8	Shaft Key

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