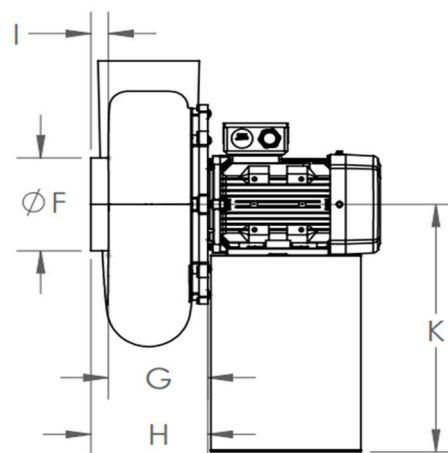
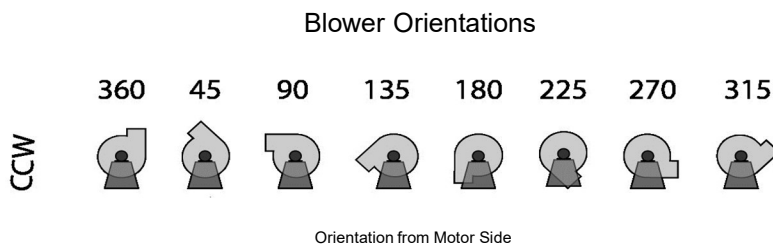
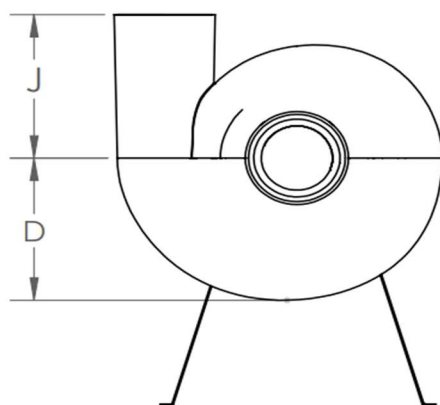
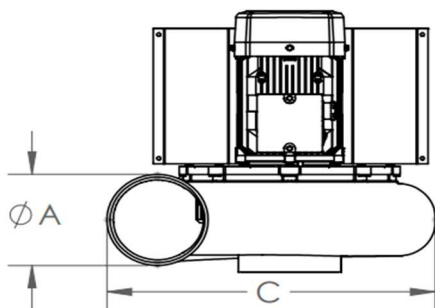




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Standard



Mechanical Data								
	ØA (OD)	C	D	ØF (OD)	G	H	I	J
in	4.91	16.51	8.92	4.91	5.2	6.96	1.77	8.57
mm	125	420	227	125	132	177	45	218

Motor Height (K)		
	0.50 Hp	1.5 Hp
in	14.61	14.96
mm	371	380

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	Blower Weight (lbs)
S14SS4P050	400	35	2	0.1	Single Phase	0.5	1710	115/208-230	5.26/2.73-2.63	21.186
S14ST4P050	400	35	2	0.1	Three Phase	0.5	1705	208-230/460	1.90-1.78/0.89	19.118
S14CT4P050	400	35	2	0.1	Three Phase	0.5	1700	575	0.73	19.118
S14SS2P150	800	35	8	0.1	Single Phase	1.5	3435	115/208-230	12.50/7.24-6.24	30.206
S14ST2P150	800	35	8	0.1	Three Phase	1.5	3510	208-230/460	4.44-4.26/2.13	29.326
S14CT2P150	800	35	8	0.1	Three Phase	1.5	3510	575	1.64	29.326

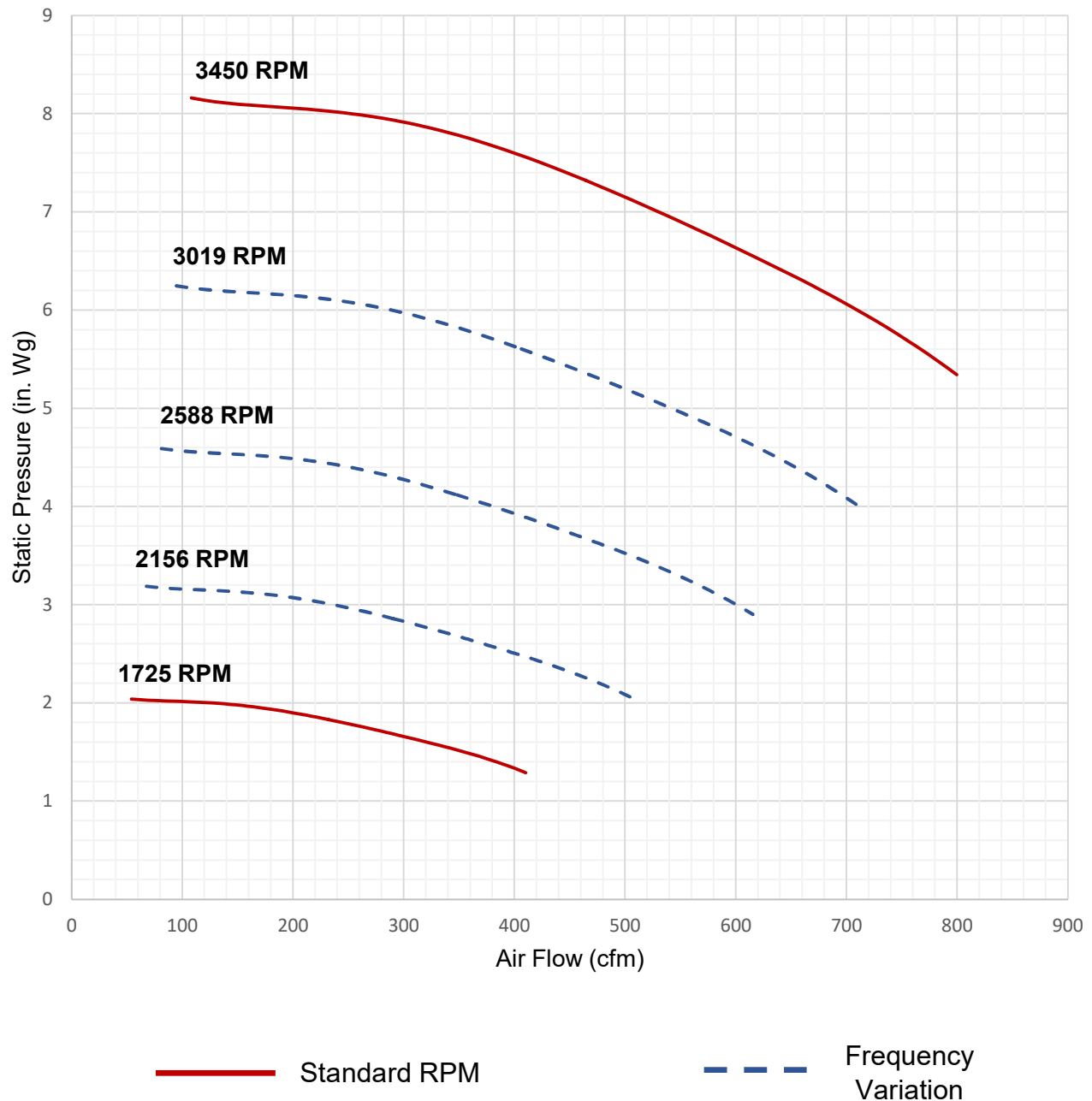
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Performance Curve



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Acoustic Data

		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
3450 RPM	Inlet 1	551	6.69	80.0	69.2	79.1	77.9	82.0	76.0	82.4	67.1	93.1	90.1	88.1
	Inlet 2	743	5.55	80.5	65.8	78.1	79.9	83.0	76.8	83.8	68.9	93.5	91.4	89.4
	Inlet 3	412	7.31	88.4	85.1	88.6	83.2	84.7	79.6	73.5	67.0	99.4	92.3	90.3
	Inlet 4	551	6.69	84.5	85.6	91.5	85.0	85.6	80.1	75.3	68.7	99.0	93.8	91.8
	Outlet 1	743	5.55	81.3	83.2	92.5	87.2	86.7	81.8	77.1	70.6	99.3	95.4	93.3
	Outlet 2	274	7.91	88.9	81.6	86.2	81.9	83.3	79.5	72.5	65.7	98.8	91.3	89.2
	Outlet 3	412	7.31	85.2	66.9	74.9	75.9	80.7	74.5	76.2	64.1	93.8	88.4	86.4
	Outlet 4	274	7.91	82.5	65.3	73.9	74.4	79.3	73.1	74.7	62.5	93.7	87.6	85.6
1725 RPM	Inlet 1	275	1.67	69.4	70.5	76.5	70.0	70.6	65.1	60.2	53.7	83.9	78.8	76.7
	Inlet 2	372	1.39	66.2	68.1	77.4	72.1	71.7	66.7	62.0	55.6	84.2	80.3	78.3
	Inlet 3	137	1.98	73.9	66.5	71.2	66.9	68.2	64.4	57.5	50.6	83.8	76.2	74.2
	Inlet 4	275	1.67	64.9	54.1	64.0	62.8	66.9	61.0	67.4	52.0	78.0	75.1	73.0
	Outlet 1	372	1.39	65.4	50.7	63.0	64.8	67.9	61.7	68.7	53.8	78.4	76.4	74.3
	Outlet 2	137	1.98	67.4	50.2	58.8	59.3	64.3	58.0	59.6	47.5	78.6	72.6	70.5
	Outlet 3	206	1.83	73.4	70.0	73.5	68.1	69.6	64.5	58.4	51.9	84.3	77.3	75.2
	Outlet 4	206	1.83	70.1	51.8	59.8	60.9	65.6	59.4	61.1	49.1	78.8	73.4	71.3

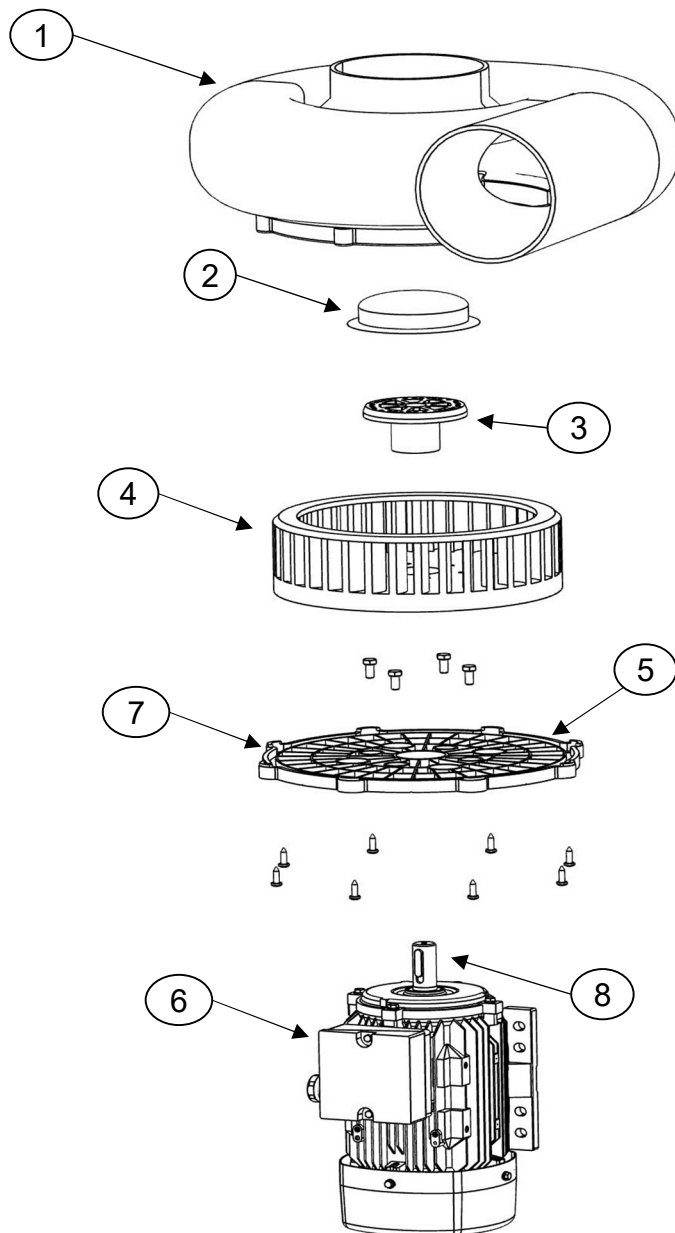
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Expanded View



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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