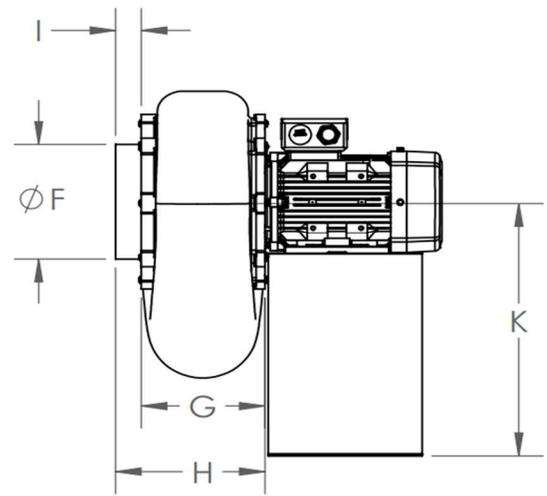
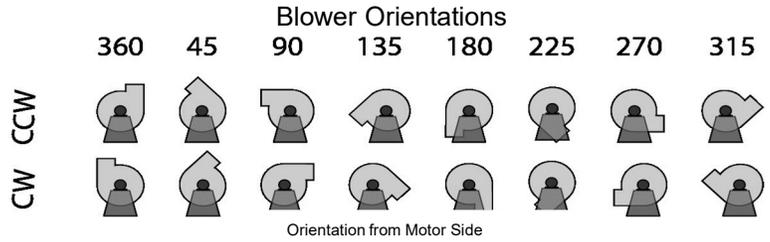
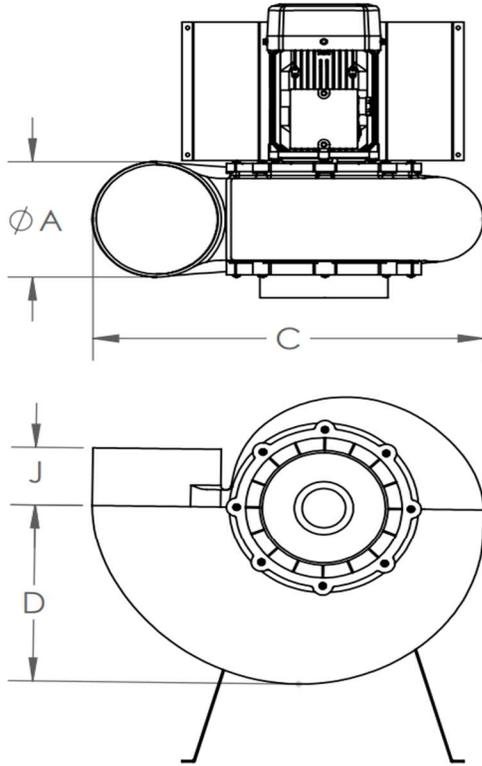




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Mechanical Data

	ØA (OD)	C	D	ØF (OD)	G	H	I	J
in	9.83	29.20	14.66	9.83	8.8	9.97	1.22	4.17
mm	250	743	373	250	223	253.8	31	106

Motor Height (K)

	0.75 Hp	1.5 Hp
in	17.34	17.34
mm	441	441

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

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Model Numbers

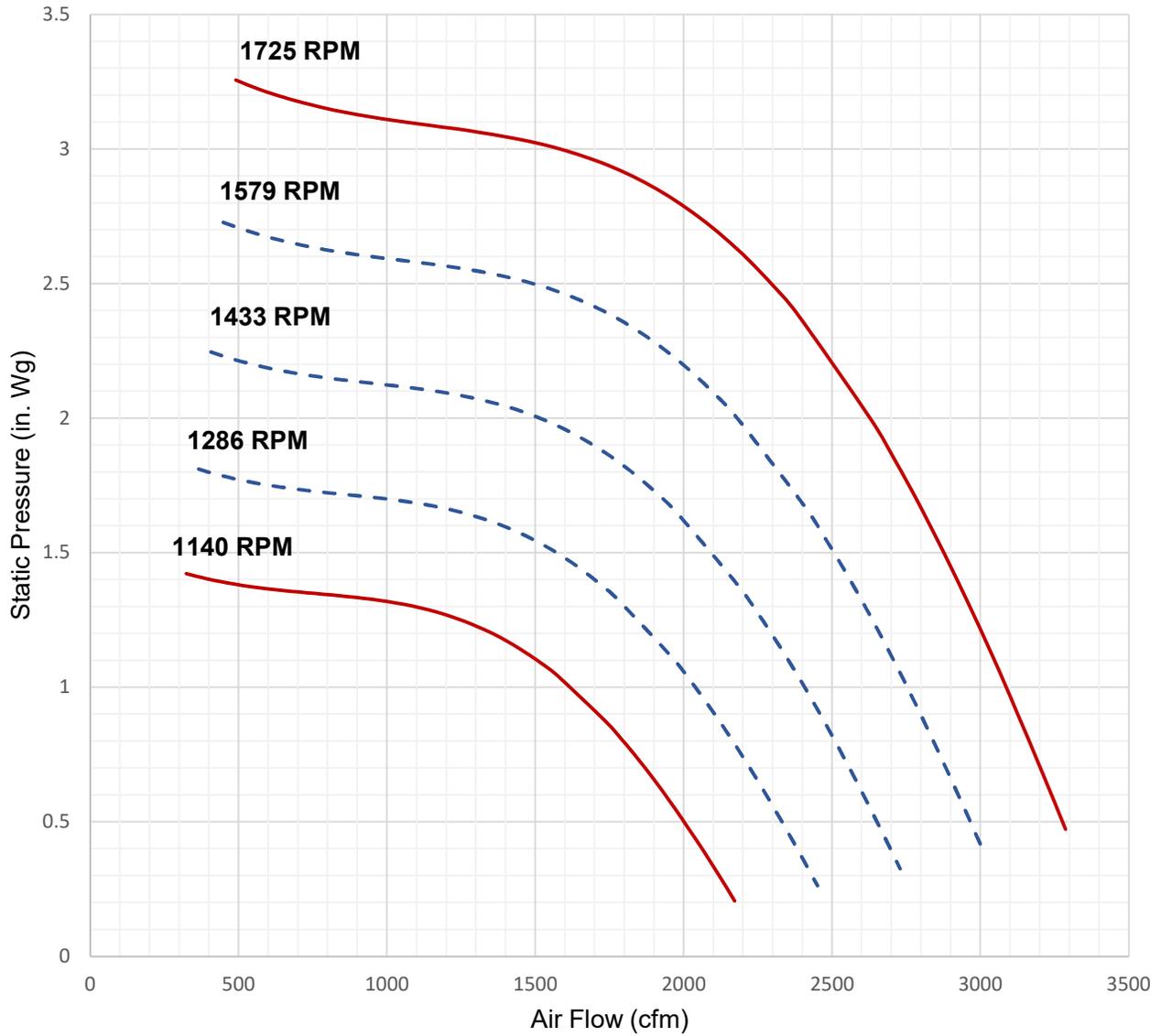
Model Number	Max. Flow (cfm)	Min. Flow (cfm)	Max. Static (in. Wg)	Min. Static (in. Wg)	Phase	Power (hp)	RPM	Voltage (V)	FLA	Weight (lb)
P30ST4P150	3400	270	3.1	0.3	Three Phase	1.5	1745	208-230/460	4.44-4.26/2.13	48.8
P30ST6P075	2200	270	1.36	0.3	Three Phase	0.75	1130	208-230/460	3.86/2.23	40.6
P30SS4P150	3400	270	3.1	0.3	Single Phase	1.5	1700	115/208-230	12.80/7.43-6.38	43.5
P30CT4P150	3400	270	3.1	0.3	Three Phase	1.5	1745	575	1.73	48.8
P30SS6P075	2200	270	1.36	0.3	Single Phase	0.75	1140	115/208-230	7.05/4.04-3.89	42.2

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Performance Curve



— Standard RPM - - - Frequency Variation

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Acoustic Data

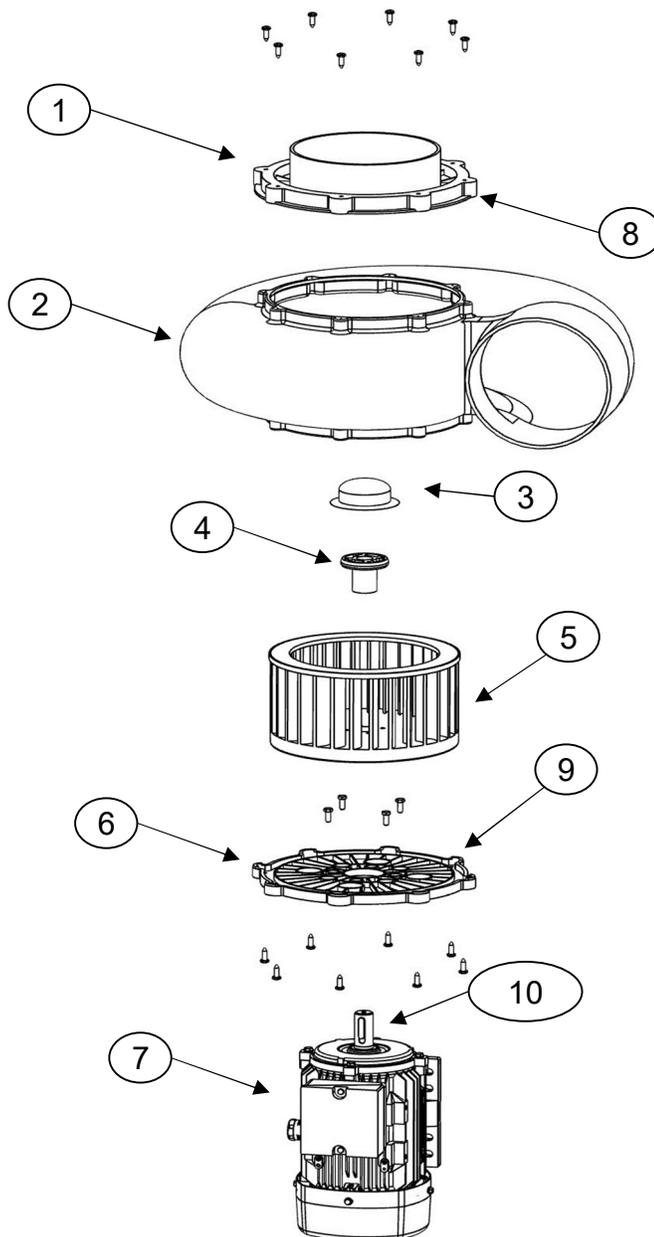
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
1725 RPM	Inlet 1	3191	0.52	75.7	79.7	80.3	78.8	77.6	74.0	71.6	65.9	92.2	87.4	85.4
	Inlet 2	2596	1.86	72.6	76.9	77.7	76.7	75.7	71.7	68.3	62.6	89.9	85.2	83.2
	Inlet 3	1732	2.84	75.4	75.5	73.5	74.2	74.0	70.7	65.9	60.4	88.5	83.4	81.3
	Inlet 4	615	3.17	69.3	71.7	72.1	73.6	72.8	70.0	63.8	59.3	86.4	82.3	80.3
	Outlet 1	3191	0.52	86.8	85.8	89.5	84.0	81.0	75.2	74.8	68	97.8	91.2	89.2
	Outlet 2	2596	1.86	84.0	83.7	89.1	81.6	78.7	72.3	71.3	64.9	95.8	88.8	86.7
	Outlet 3	1732	2.84	86.9	81.9	81.5	78.2	75.9	71.4	68.9	62.8	93.7	86.1	84.1
	Outlet 4	615	3.17	79.5	75.9	78.7	76.3	74.4	71.4	66.7	62	89.8	84.3	82.3
1140 RPM	Inlet 1	2109	0.23	66.7	70.7	71.3	69.8	68.6	65.0	62.6	56.9	83.2	78.4	76.4
	Inlet 2	1716	0.81	63.6	67.9	68.7	67.7	66.7	62.7	59.3	53.6	80.9	76.2	74.2
	Inlet 3	1145	1.24	66.4	66.5	64.5	65.2	65.0	61.7	56.9	51.4	79.5	74.4	72.3
	Inlet 4	407	1.38	60.3	62.7	63.1	64.6	63.8	61.0	54.8	50.3	77.4	73.4	71.3
	Outlet 1	2109	0.23	77.8	76.8	80.5	75.0	72.0	66.2	65.8	59	88.8	82.3	80.2
	Outlet 2	1716	0.81	75.0	74.7	80.1	72.7	69.7	63.3	62.3	55.9	86.8	79.8	77.7
	Outlet 3	1145	1.24	77.9	72.9	72.5	69.2	66.9	62.4	59.9	53.8	84.7	77.1	75.1
	Outlet 4	407	1.38	70.5	66.9	69.7	67.3	65.4	62.4	57.7	53	80.8	75.3	73.3

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Expanded View



1	Inlet Flange
2	Housing
3	Hub Cap
4	Hub
5	Impeller
6	Motor Plate
7	Motor
8	Inlet Gasket
9	Motor Plate Seal
10	Shaft Key

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