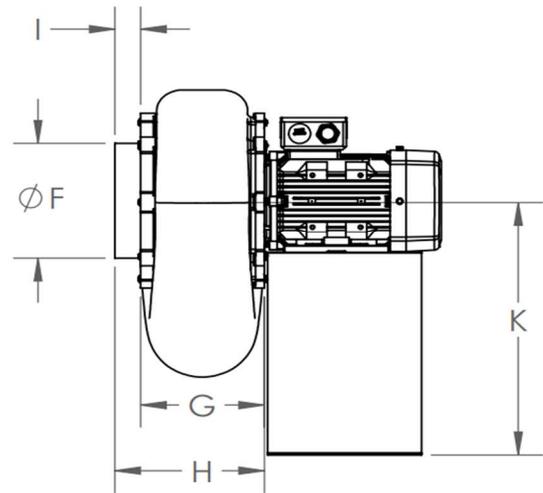
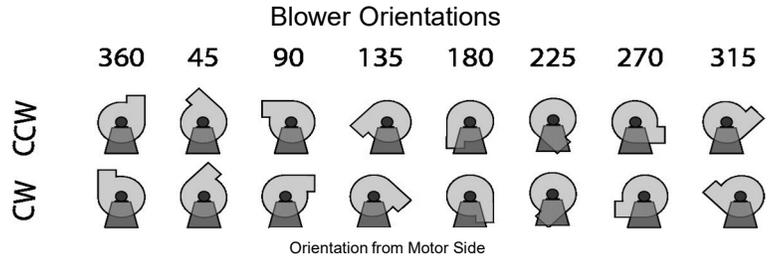
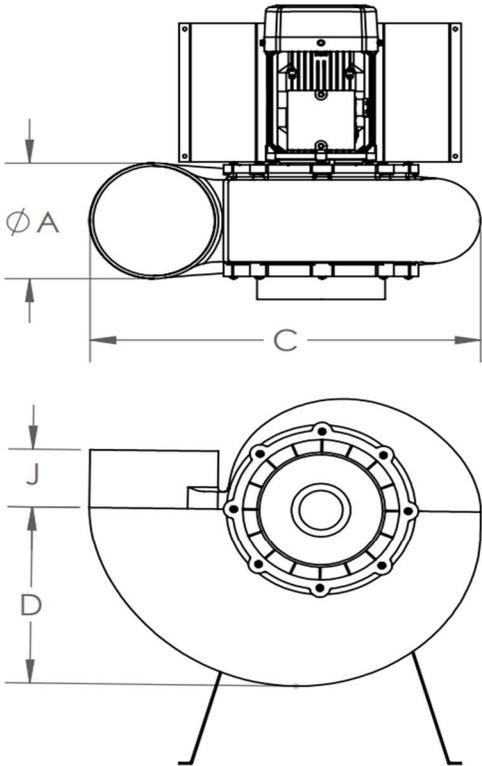




# PLASTEC 20



Blower shown with Optional Motor Support Stand

### Mechanical Data

	ØA (OD)	C	D	ØF (OD)	G	H	I	J
in	6.29	20.08	9.43	6.29	6.52	7.74	1.22	3.93
mm	160	511	240	160	166	197	31	100

### Motor Height (K)

	0.25 Hp	0.33 Hp	1 Hp   1.5 Hp
in	12.19	12.54	14.94
mm	310	319	380

<b>Project Name</b>	
<b>Date</b>	
<b>Engineer/Sales Rep</b>	
<b>Client</b>	
<b>Contractor</b>	

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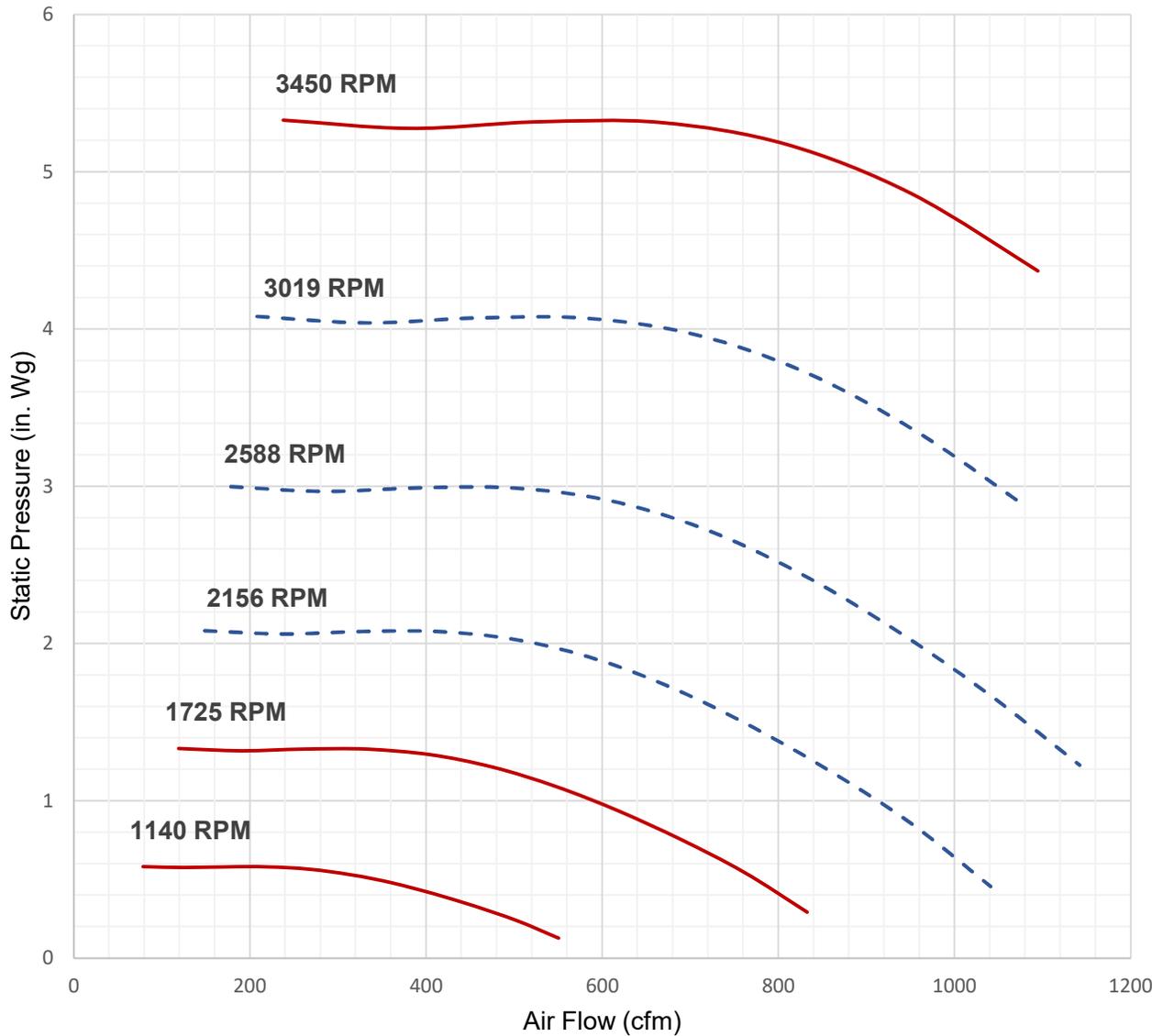
## Model Numbers

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)
P20SS6P025	610	30	0.63	0.15	Single Phase	0.25	1120	115/208-230	4.16/2.26-2.08	23.3
P20SS2P100	765	30	5.8	0.15	Single Phase	1	3390	115/208-230	9.28/5.02-4.64	25.3
P20SS2P150	1200	30	5.8	0.15	Single Phase	1.5	3435	115/208-230	12.50/7.24-6.24	30.8
P20SS4P033	910	30	1.44	0.15	Single Phase	0.33	1720	115/208-230	3.49/1.88-1.74	19.4
P20ST6P025	610	30	0.63	0.15	Three Phase	0.25	1120	208-230/460	1.33-1.25/0.62	18.9
P20ST2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	208-230/460	4.14-4.10/2.05	29.9
P20ST2P100	765	30	5.8	0.15	Three Phase	1	3480	208-230/460	3.05-3.06/1.53	26.2
P20ST4P033	910	30	1.44	0.15	Three Phase	0.33	1715	208-230/460	1.43-1.39/0.70	17.8
P20CT2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	575	1.64	29.9
P20CT4P033	910	30	1.44	0.15	Three Phase	0.33	1700	575	0.53	17.8

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## Performance Curve



— Standard RPM

- - - Frequency Variation

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# PLASTEC 20

## Acoustic Data

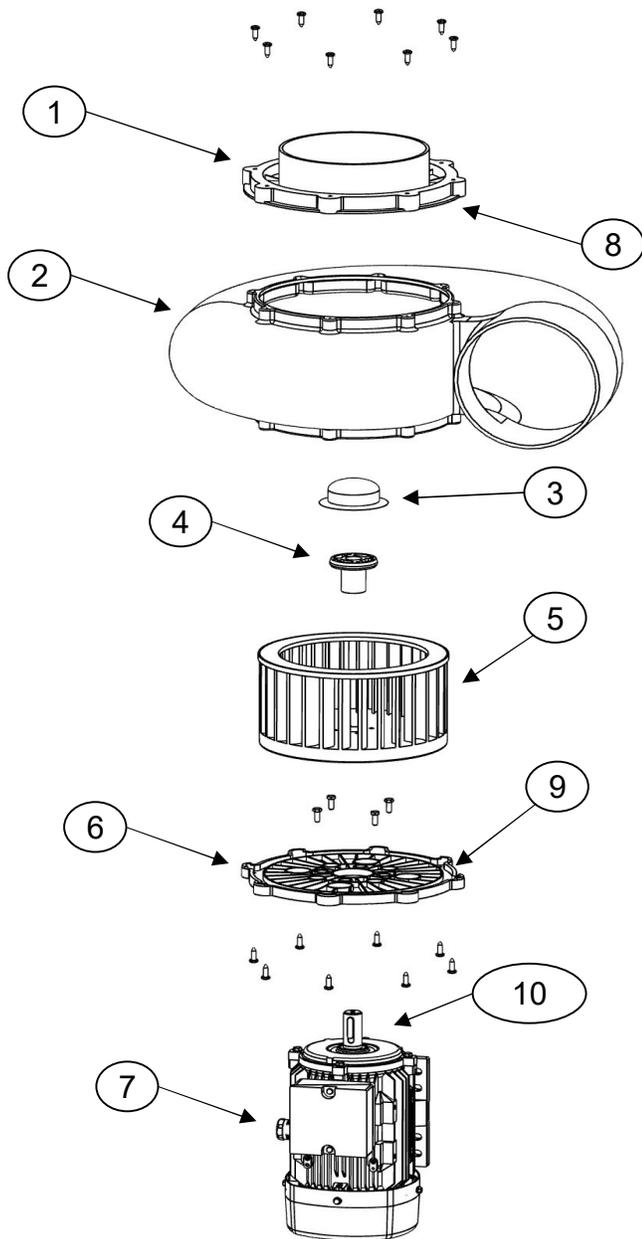
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
3450 RPM	Inlet 1	1741	0.01	97.2	75.1	88.6	85.2	86.8	77.6	76.0	69.4	101	94.1	92.0
	Inlet 2	1440	2.32	94.8	70.1	85.7	82.7	81.4	73.6	72.0	65.1	98.5	90.8	88.8
	Inlet 3	1061	4.26	91.1	65.5	82.3	82.1	77.5	70.0	67.8	60.2	95.9	89.3	87.2
	Inlet 4	624	5.23	93.6	65.4	80.4	79.5	74.4	67.5	64.5	55.9	97.5	88.6	86.6
	Outlet 1	1741	0.01	94.3	88.3	96.2	90.4	85.9	79.7	77.2	70.6	102	96.3	94.2
	Outlet 2	1440	2.32	92.7	85.1	93.2	88.4	81.4	75.5	73.6	66.7	99.6	93.3	91.2
	Outlet 3	1061	4.26	89.8	81.1	89.3	85.0	77.5	71.8	70.1	62.4	96.1	89.7	87.6
	Outlet 4	624	5.23	91.3	78.5	85.8	83.1	73.9	68.6	66.2	57.6	96.4	89.6	87.5
1725 RPM	Inlet 1	871	0.00	82.1	60.1	73.6	70.2	71.7	62.6	60.9	54.3	85.9	79.0	77.0
	Inlet 2	720	0.58	79.7	55.1	70.6	67.6	66.3	58.5	57.0	50	83.4	75.8	73.7
	Inlet 3	531	1.06	76.0	50.4	67.3	67.1	62.5	55.0	52.8	45.2	80.9	74.2	72.1
	Inlet 4	312	1.31	78.6	50.3	65.3	64.5	59.4	52.5	49.5	40.8	82.4	73.6	71.5
	Outlet 1	871	0.00	79.2	73.2	81.2	75.3	70.9	64.7	62.1	55.5	87.1	81.2	79.2
	Outlet 2	720	0.58	77.7	70.1	78.1	73.3	66.3	60.5	58.5	51.7	84.6	78.2	76.2
	Outlet 3	531	1.06	74.7	66.1	74.3	70.0	62.4	56.7	55.1	47.3	81.1	74.6	72.6
	Outlet 4	312	1.31	76.3	63.5	70.7	68.1	58.9	53.6	51.1	42.5	81.4	74.5	72.5
1140 RPM	Inlet 1	575	0.00	73.1	51.1	64.6	61.2	62.7	53.6	51.9	45.3	76.9	70.0	68.0
	Inlet 2	476	0.25	70.7	46.1	61.6	58.6	57.4	49.5	48.0	41	74.5	66.8	64.8
	Inlet 3	351	0.46	67.0	41.5	58.3	58.1	53.5	46.0	43.8	36.2	71.9	65.2	63.2
	Inlet 4	206	0.57	69.6	41.4	56.3	55.5	50.4	43.5	40.5	31.8	73.4	64.6	62.5
	Outlet 1	575	0.00	70.2	64.3	72.2	66.3	61.9	55.7	53.1	46.5	78.1	72.2	70.2
	Outlet 2	476	0.25	68.7	61.1	69.2	64.3	57.3	51.5	49.5	42.7	75.6	69.2	67.2
	Outlet 3	351	0.46	65.7	57.1	65.3	61.0	53.5	47.7	46.1	38.3	72.1	65.6	63.6
	Outlet 4	206	0.57	67.3	54.5	61.7	59.1	49.9	44.6	42.1	33.5	72.4	65.5	63.5

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# PLASTEC 20

## 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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