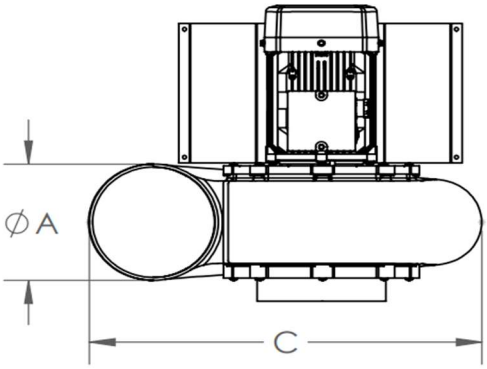
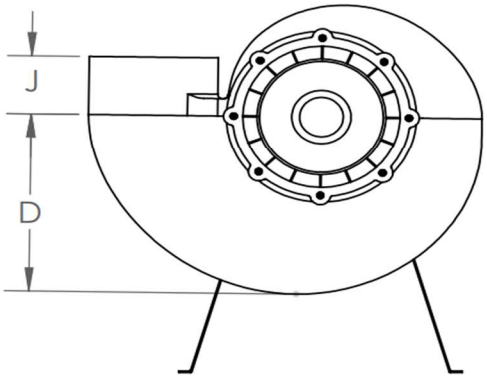
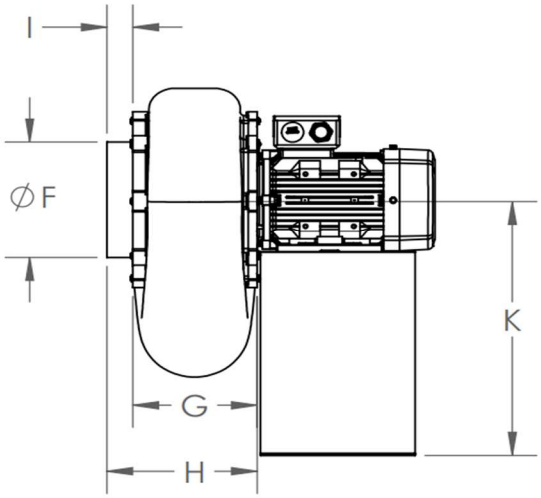
PLASTEC 35







Blower shown with Optional Motor Support Stand

	Mechanical Data							
	ØA (OD)	**C**	**D**	**ØF (OD)**	**G**	**H**	**I**	**J**
in	12.38	36.94	17.69	12.38	12.0	14.47	2.44	4.17
mm	315	940	450	315	306	368.3	62	106

	Motor Height (K)	
	3 Hp	**10 Hp**
in	23.59	23.59
mm	600	600

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

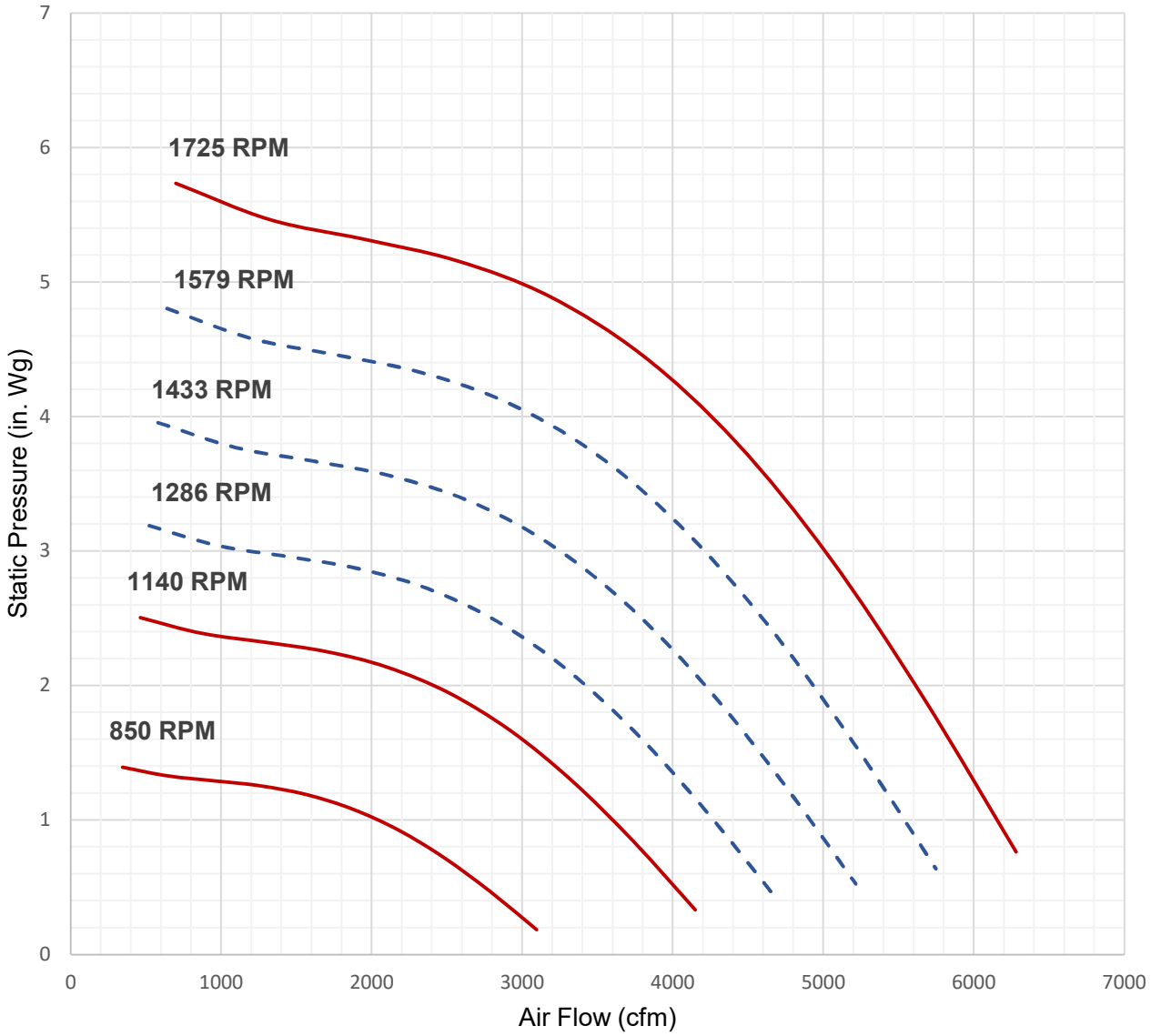
PLASTEC 35

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)
P35XT4P1000	6400	500	5.45	0.4	Three Phase	10	1770	208-230/460	26.8-25/12.5	215.4
P35XT6P300	5000	500	2.4	0.4	Three Phase	3	1170	208-230/460	5.1/4.8	142.3

PLASTEC 35

Performance Curve



Standard RPM

Frequency Variation

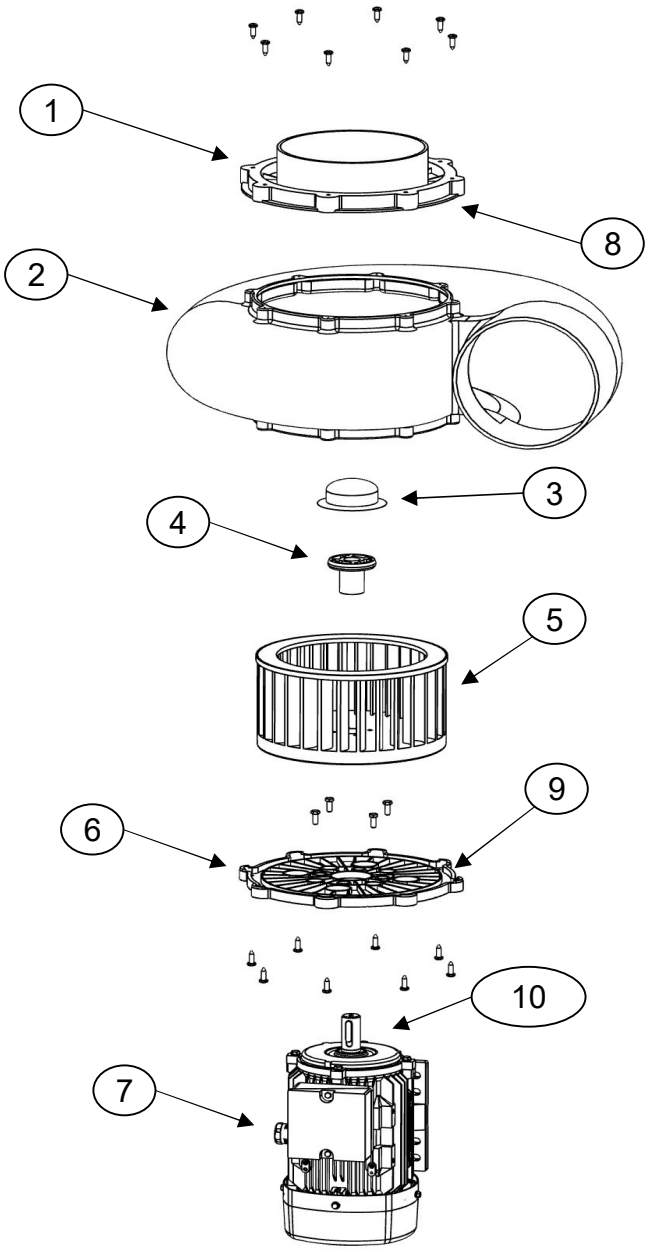
PLASTEC 35

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	6499	0.01	85.9	91.4	83.1	86.5	86.3	87.1	84.2	79	99.7	97.0	95.0
	Inlet 2	5520	1.89	80.3	90.1	81.6	84.6	84.8	83.9	80.9	75.6	97.7	94.6	92.5
	Inlet 3	4112	3.99	75.9	90.8	82.3	81.8	81.8	80.4	76.7	70.7	96.2	91.7	89.6
	Inlet 4	2042	5.24	76.8	86.8	78.9	80.2	80.0	78.8	74.1	67.4	94.2	89.6	87.5
	Outlet 1	6499	0.01	91.8	101.8	91.7	88.0	88.3	90.7	86.5	79.4	106	100.0	97.9
	Outlet 2	5520	1.89	89.8	100.0	89	85.6	86.6	86.2	83.3	75.7	104	97.2	95.1
	Outlet 3	4112	3.99	86.1	100.7	85.9	83.4	84.3	82.9	79.5	71.5	103	94.4	92.3
	Outlet 4	2042	5.24	85.4	95.5	84.5	82.3	82.4	82.0	77.1	67.8	98.8	92.3	90.3
1140 RPM	Inlet 1	4295	0.01	76.9	82.4	74.1	77.5	77.3	78.1	75.2	70	90.7	88.0	86.0
	Inlet 2	3648	0.82	71.3	81.1	72.6	75.6	75.8	74.9	71.9	66.6	88.7	85.6	83.5
	Inlet 3	2717	1.74	66.9	81.8	73.3	72.8	72.9	71.4	67.7	61.8	87.2	82.7	80.6
	Inlet 4	1350	2.29	67.8	77.8	69.9	71.2	71.0	69.8	65.1	58.4	85.3	80.6	78.5
	Outlet 1	4295	0.01	82.8	92.8	82.7	79.0	79.4	81.7	77.5	70.4	96.6	91.0	88.9
	Outlet 2	3648	0.82	80.8	91.0	80	76.6	77.6	77.2	74.3	66.8	94.5	88.2	86.1
	Outlet 3	2717	1.74	77.1	91.7	76.9	74.4	75.3	73.9	70.6	62.5	93.9	85.4	83.3
	Outlet 4	1350	2.29	76.4	86.5	75.5	73.3	73.4	73.0	68.2	58.9	89.8	83.3	81.3
850 RPM	Inlet 1	3202	0.00	70.5	76.0	67.7	71.1	70.9	71.7	68.8	63.6	84.4	81.7	79.6
	Inlet 2	2720	0.46	64.9	74.8	66.2	69.2	69.4	68.5	65.5	60.3	82.3	79.2	77.1
	Inlet 3	2026	0.97	60.5	75.5	66.9	66.4	66.5	65.0	61.3	55.4	80.8	76.3	74.3
	Inlet 4	1006	1.27	61.4	71.4	63.6	64.8	64.6	63.4	58.7	52.1	78.9	74.2	72.2
	Outlet 1	3202	0.00	76.4	86.4	76.3	72.6	73.0	75.3	71.2	64	90.2	84.6	82.5
	Outlet 2	2720	0.46	74.4	84.7	73.7	70.3	71.2	70.8	67.9	60.4	88.2	81.8	79.7
	Outlet 3	2026	0.97	70.7	85.3	70.5	68.0	68.9	67.5	64.2	56.1	87.6	79.0	77.0
	Outlet 4	1006	1.27	70.0	80.1	69.1	66.9	67.0	66.6	61.8	52.5	83.4	76.9	74.9

PLASTEC 35

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