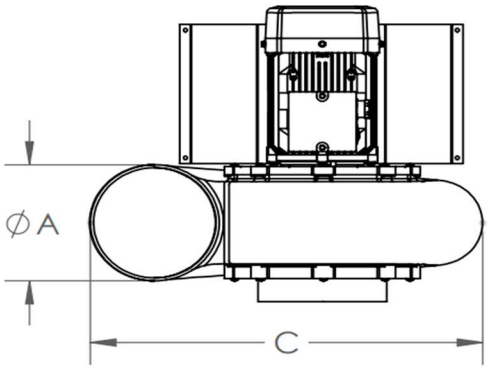
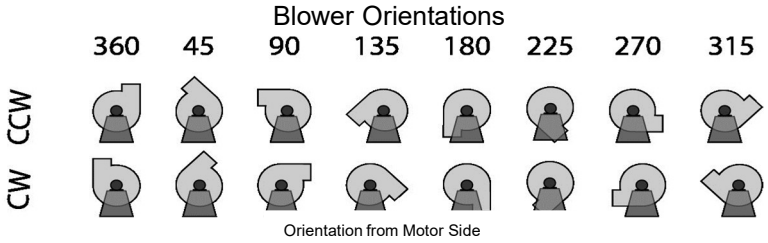
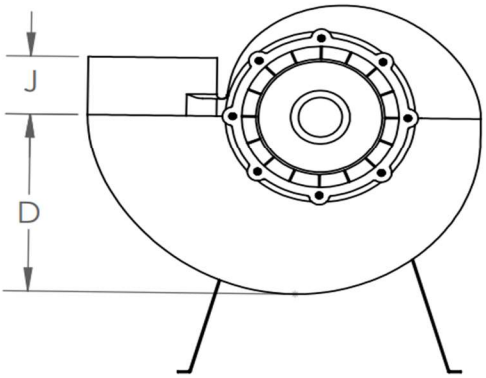
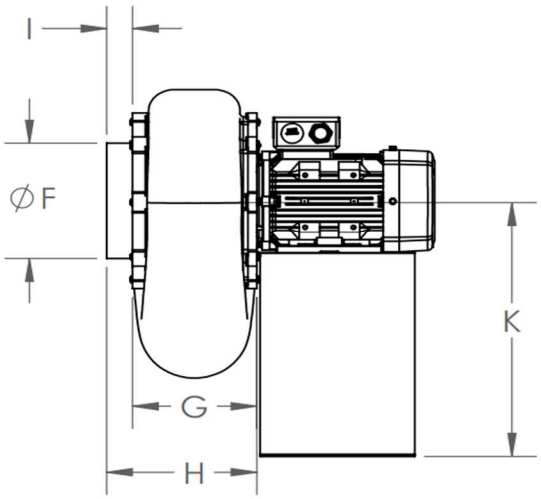
PLASTEC 15









	Mechanical Data							
	ØA (OD)	**C**	**D**	**ØF (OD)**	**G**	**H**	**I**	**J**
in	4.91	16.11	7.98	4.91	5.7	6.84	1.18	3.93
mm	125	410	203	125	144	174	30	100

	Motor Height (K)		
	0.25 Hp	**0.33 Hp**	**0.50 Hp**
in	12.19	12.19	12.19
mm	310	310	310

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

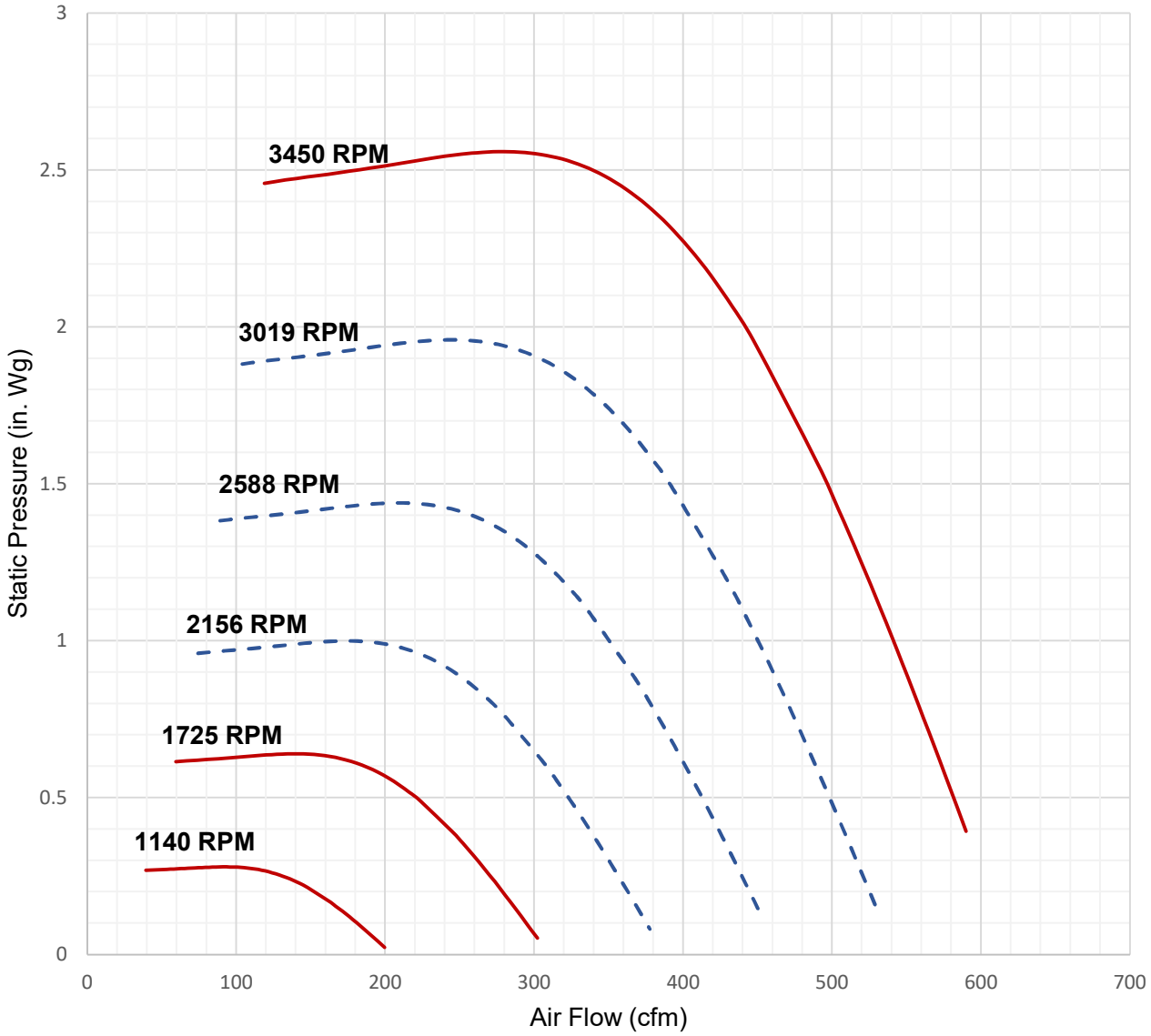
PLASTEC 15

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)
P15SS6P025	200	11	0.28	0.1	Single Phase	0.25	1120	115/208-230	4.16/2.26-2.08	21.6
P15ST6P025	200	11	0.28	0.1	Three Phase	0.25	1120	208-230/460	1.33-1.25/0.62	17.2
P15ST2P050	600	11	2.55	0.1	Three Phase	0.5	3470	208-230/460	1.68-1.57/0.78	16.7
P15CT4P033	310	11	0.63	0.1	Three Phase	0.33	1700	575	0.53	16.1
P15CT2P050	600	11	2.55	0.1	Three Phase	0.5	3380	575	0.68	16.7
P15SS2P050	600	11	2.55	0.1	Single Phase	0.5	3370	115/208-230	4.50/2.59-2.25	17.2
P15SS4P033	310	11	0.63	0.1	Single Phase	0.33	1720	115/208-230	3.49/1.88-1.74	17.7
P15ST4P033	310	11	0.63	0.1	Three Phase	0.33	1715	208-230/460	1.43-1.39/0.70	16.1

PLASTEC 15

Performance Curve



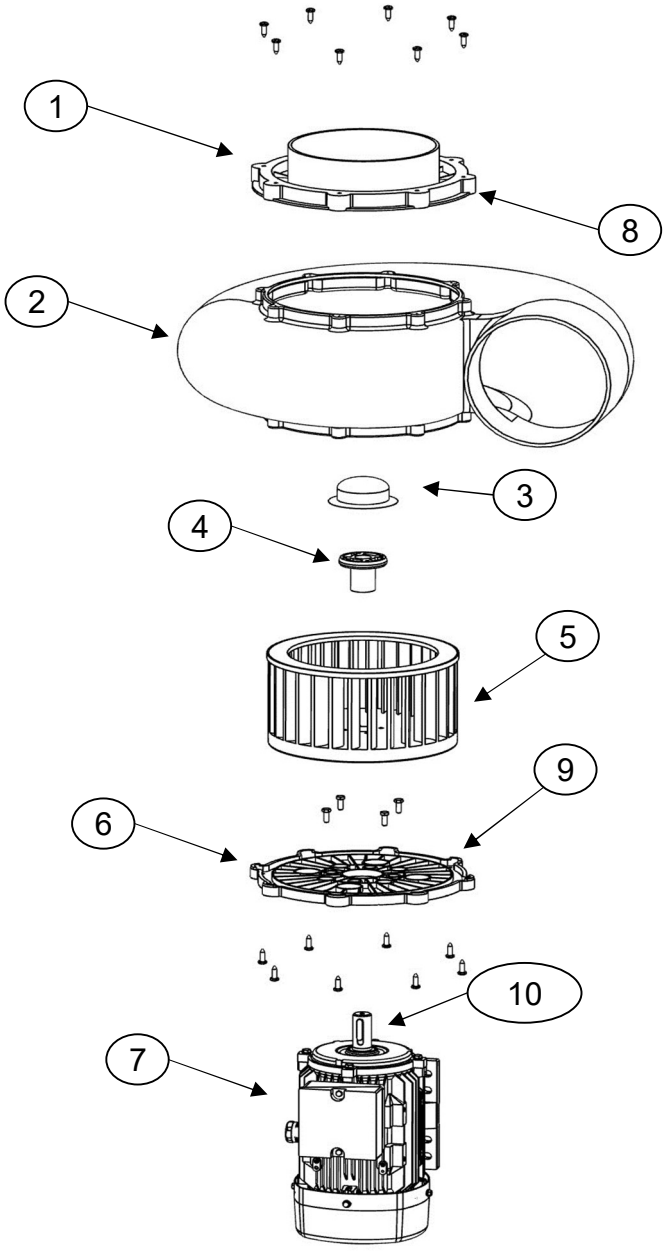
PLASTEC 15

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	549	0.74	74.2	61.6	73.3	75.0	71.1	64.3	60.1	54.1	89	82.8	80.8
	Inlet 2	479	1.54	73.6	63.2	72.6	73.3	69.5	62.8	58.0	50.4	88.1	81.5	79.5
	Inlet 3	343	2.40	70.1	59.0	67.2	68.8	67.3	61.4	55.7	47.3	84.6	78.5	76.5
	Inlet 4	137	2.43	68.0	58.3	64.6	66.8	65.3	60.2	53.8	45.3	82.4	76.8	74.7
	Outlet 1	549	0.74	66.6	77.0	83.3	82.9	73.3	64.5	61.8	54.9	93.4	87.4	85.4
	Outlet 2	479	1.54	64.8	75.2	82.2	82.7	71.9	62.6	59.8	51.9	92.2	86.4	84.4
	Outlet 3	343	2.40	63.3	70.5	76.3	78.3	68.3	60.7	57.1	48.3	87.5	81.8	79.7
	Outlet 4	137	2.43	62.0	66.2	72	71.3	65.0	59.5	54.6	44.6	83.7	77.7	75.6
1725 RPM	Inlet 1	275	0.18	59.2	46.6	58.3	60.0	56.1	49.3	45.1	39.1	73.9	67.8	65.7
	Inlet 2	239	0.38	58.6	48.2	57.6	58.3	54.5	47.8	43.0	35.4	73	66.5	64.4
	Inlet 3	171	0.60	55.0	43.9	52.1	53.7	52.2	46.3	40.6	32.2	69.5	63.5	61.4
	Inlet 4	68	0.61	53.0	43.3	49.6	51.8	50.3	45.2	38.8	30.3	67.4	61.7	59.7
	Outlet 1	275	0.18	51.6	62.0	68.3	67.9	58.3	49.5	46.8	39.9	78.3	72.4	70.3
	Outlet 2	239	0.38	49.8	60.2	67.2	67.7	56.9	47.6	44.8	36.9	77.1	71.4	69.3
	Outlet 3	171	0.60	48.2	55.4	61.2	63.2	53.2	45.6	42.0	33.2	72.4	66.7	64.7
	Outlet 4	68	0.61	47.0	51.2	57	56.3	50.0	44.5	39.6	29.6	68.6	62.7	60.6
1140 RPM	Inlet 1	182	0.08	50.2	37.6	49.3	51.0	47.1	40.3	36.1	30.1	64.9	58.8	56.7
	Inlet 2	158	0.17	49.6	39.2	48.6	49.3	45.5	38.8	34.0	26.4	64	57.5	55.4
	Inlet 3	113	0.26	46.0	34.9	43.1	44.7	43.2	37.3	31.6	23.2	60.5	54.5	52.4
	Inlet 4	45	0.26	44.0	34.3	40.6	42.8	41.3	36.2	29.8	21.3	58.4	52.7	50.7
	Outlet 1	182	0.08	42.6	53.0	59.3	58.9	49.3	40.5	37.8	30.9	69.3	63.4	61.3
	Outlet 2	158	0.17	40.8	51.2	58.2	58.7	47.9	38.6	35.8	27.9	68.2	62.4	60.4
	Outlet 3	113	0.26	39.2	46.4	52.2	54.2	44.2	36.6	33.0	24.2	63.4	57.7	55.7
	Outlet 4	45	0.26	38.0	42.2	48	47.3	41.0	35.5	30.6	20.6	59.6	53.7	51.6

PLASTEC 15

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