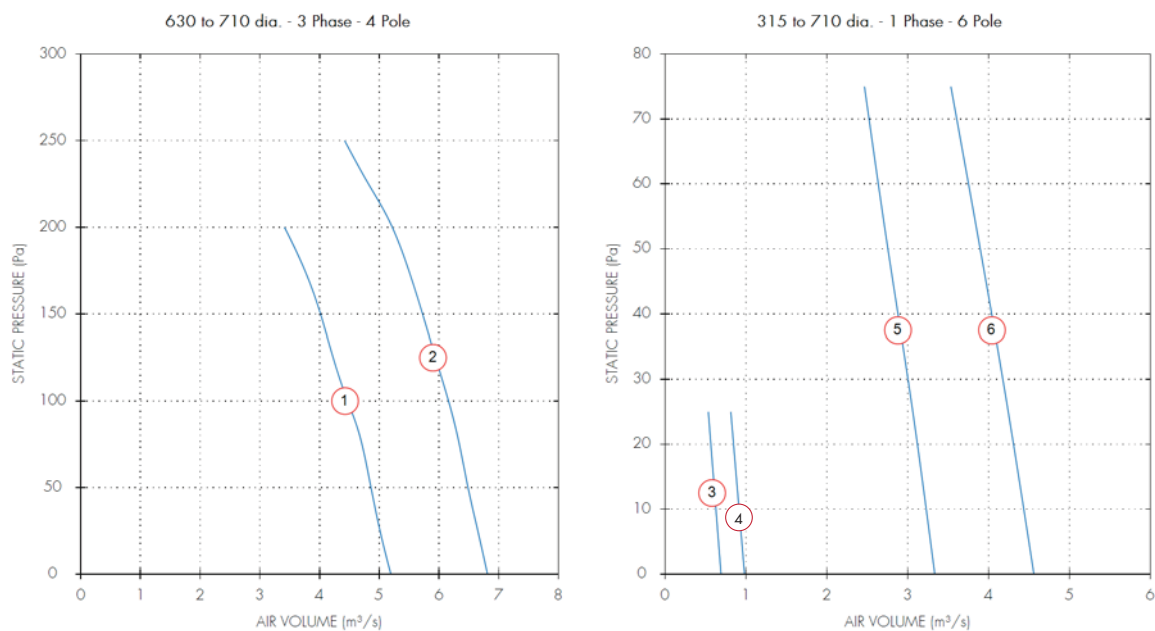


Performance Guide



Dia.	Motor Phase	Stock Ref	Poles	r.p.m	IP Rating	Curve Ref.	m³/s @ Pa							Motor kW	S.C. Amps	F.L.C Amps	dBA @ 3m
							0	25	50	100	150	200	250				
630	3	ESP63034	4	1360	IP54	1	5.19	5.01	4.86	4.47	4.02	3.41		1.9	17	3.2	64
710	3	ESP71034	4	1290	IP54	2	6.81	6.65	6.49	6.16	5.72	5.22	4.42	2.9	20	5.3	72
355	1	ESP35516	6	950	IP54	3	0.69	0.53						0.09	1.2	0.46	44
400	1	ESP40016	6	940	IP54	4	0.98	0.81						0.1	1.4	0.48	45
630	1	ESP63016	6	880	IP54	5	3.33	3.06	2.75					0.6	5.3	2.7	57
710	1	ESP71016	6	850	IP54	6	4.56	4.24	3.89					0.89	8	4.1	60

For fans wired to reverse run, duty reduced by 30%.

Sound Power Level Spectra dB (ref 10⁻¹² Watts)

Dia.	Motor Phase	Stock Ref	Poles	Spectrum	63	125	250	500	1k	2k	4k	8k	dBA @ 3m
630	3	ESP63034	4	Inlet	71	88	82	83	82	81	78	72	67
630	3	ESP63034	4	Outlet	71	88	82	83	82	81	78	72	67
710	3	ESP71034	4	Inlet	80	87	86	88	89	86	83	79	72
710	3	ESP71034	4	Outlet	80	87	86	88	89	86	83	79	72
355	1	ESP35516	6	Inlet	59	59	60	57	56	57	55	46	42
355	1	ESP35516	6	Outlet	59	59	60	57	56	57	55	46	42
400	1	ESP40016	6	Inlet	76	74	70	65	63	58	52	44	48
400	1	ESP40016	6	Outlet	76	74	70	65	63	58	52	44	48
630	1	ESP63016	6	Inlet	88	85	81	77	76	70	64	58	60
630	1	ESP63016	6	Outlet	88	85	81	77	76	70	64	58	60
710	1	ESP71016	6	Inlet	83	83	84	80	78	74	70	72	63
710	1	ESP71016	6	Outlet	83	83	84	80	78	74	70	72	63