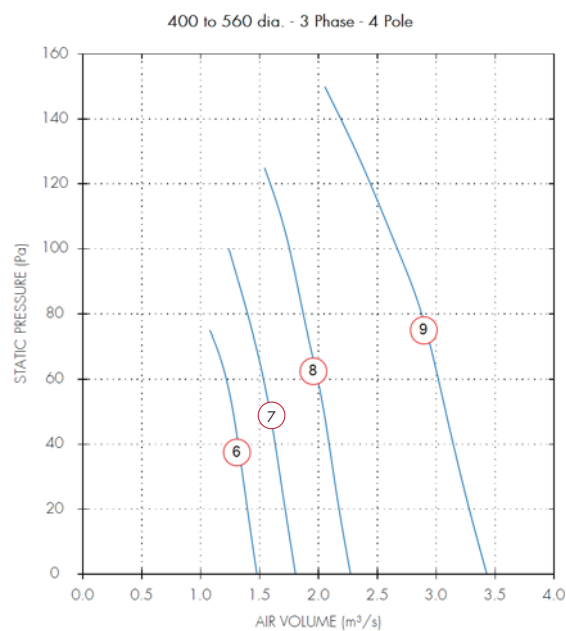
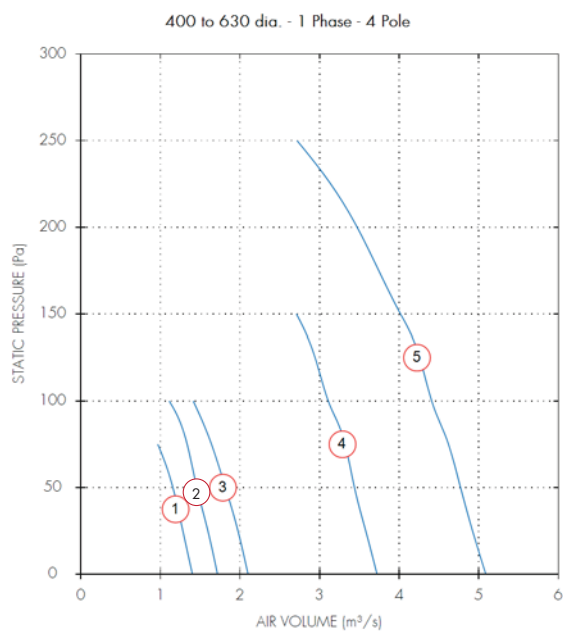


Performance Guide



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
400	1	ESP40014	4	1350	IP54	1	0	50	100	150	200	250	0.29	2.4	1.45	56
450	1	ESP45014	4	1370	IP54	2	1.72	1.46	1.11				0.36	3.6	1.6	61
500	1	ESP50014	4	1290	IP54	3	2.1	1.82	1.41				0.51	4.3	2.3	55
560	1	ESP56014	4	1320	IP54	4	3.72	3.44	3.11	2.71			1.35	9.3	6	63
630	1	ESP63014	4	1320	IP54	5	5.09	4.77	4.41	4.02	3.47	2.72	2.2	28	9.9	70
400	3	ESP40034	4	1350	IP54	6	1.48	1.27					0.26	2.1	0.56	51
450	3	ESP45034	4	1380	IP54	7	1.8	1.59	1.24				0.36	2.6	0.8	56
500	3	ESP50034	4	1380	IP54	8	2.27	2.05	1.75				0.55	4.2	1.05	58
560	3	ESP56034	4	1220	IP54	9	3.43	3.08	2.67	2.05			1.25	7.7	2.2	70

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
400	1	ESP40014	4	Inlet	70	72	67	66	65	65	64	56	51
400	1	ESP40014	4	Outlet	70	72	67	66	65	65	64	56	51
450	1	ESP45014	4	Inlet	69	76	73	72	70	71	70	62	57
450	1	ESP45014	4	Outlet	69	76	73	72	70	71	70	62	57
500	1	ESP50014	4	Inlet	65	75	69	70	70	71	69	62	56
500	1	ESP50014	4	Outlet	65	75	69	70	70	71	69	62	56
630	1	ESP63014	4	Inlet	82	86	79	79	80	78	75	70	64
630	1	ESP63014	4	Outlet	82	86	79	79	80	78	75	70	64
400	3	ESP40034	4	Inlet	62	73	65	65	67	69	67	60	53
400	3	ESP40034	4	Outlet	62	73	65	65	67	69	67	60	53
450	3	ESP45034	4	Inlet	65	82	75	76	73	72	69	62	58
450	3	ESP45034	4	Outlet	65	82	75	76	73	72	69	62	58
500	3	ESP50034	4	Inlet	67	71	69	72	70	71	68	61	56
500	3	ESP50034	4	Outlet	67	71	69	72	70	71	68	61	56
560	3	ESP56034	4	Inlet	85	79	77	76	76	75	72	66	61
560	3	ESP56034	4	Outlet	85	79	77	76	76	75	72	66	61