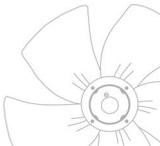


FEF Series - short cased inline axial



product FEF Short Cased Inline Axial		
dimensions mm 200 to 630	poles & duty 2 - 6 / up to 5,500 L/s	
application Low noise, short cased axial fans with sickle blade impellers for medium to low flow and pressure ducted systems.		

FEF

The FEF series is a range medium performance fans featuring external rotor motors and sickle blade impellers for very quiet operation. Compact case design allows installation in tight spaces. Ideal for medium to low flow and pressure ducted systems. Fans can be mounted at any angle.

Construction

Cases are of galvanised or powder coated sheet steel with roll formed flanges. Motor supports are of corrosion protected steel.

Motors

Motor windings incorporate class 'B' or 'F' insulation as standard. Motor bearings are sealed for life and maintenance free. Integral thermal overload protection is generally not provided and is the responsibility of the installing electrical contractor. Failure to provide thermal overload protection voids the warranty.

Testing

Rated fan performance has been determined by testing to ISO 5801 : 2007. Fan sound data has been determined by testing to ISO 13347 : 2004.

Wiring diagrams and latest data

Refer to the latest product datasheet for individual model wiring instructions, data and specifications. Datasheets are available from our electronic selection software **FansSelect** downloadable at www.pacificHVAC.com. It is the responsibility of the user to connect the thermal contacts where provided to protect the motor. It is a condition of our warranty that all equipment supplied is installed according to the requirements of AS/NZS3000:2007 Australian/New Zealand wiring rules.

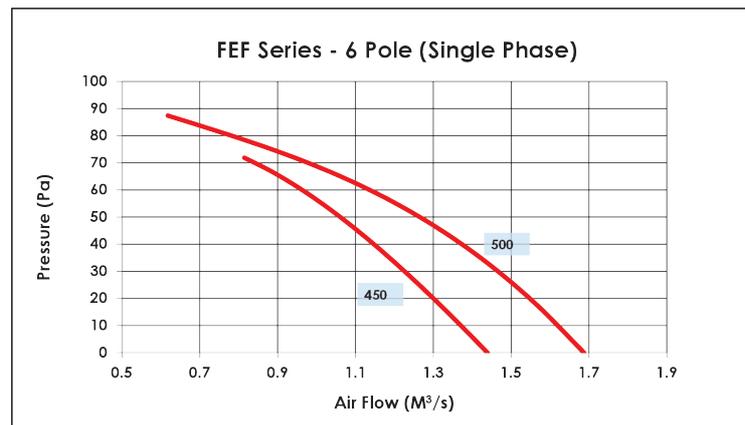
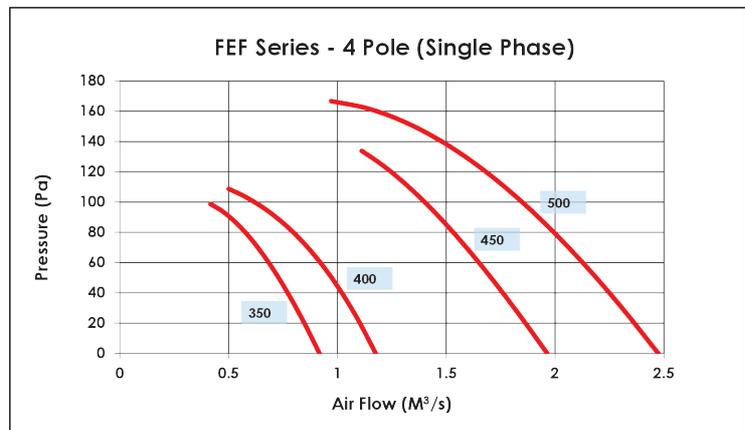
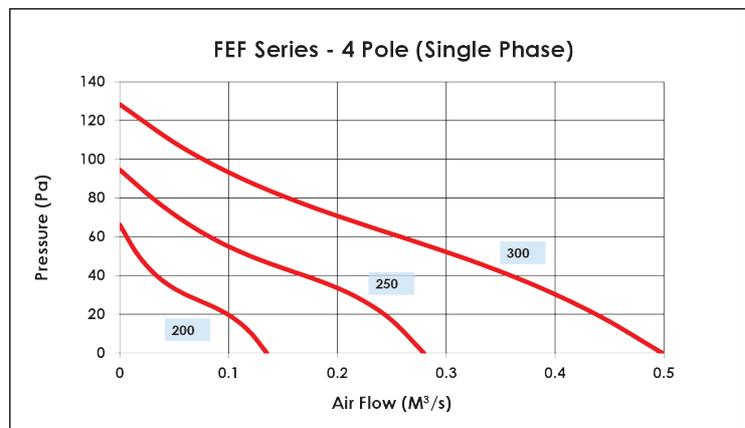
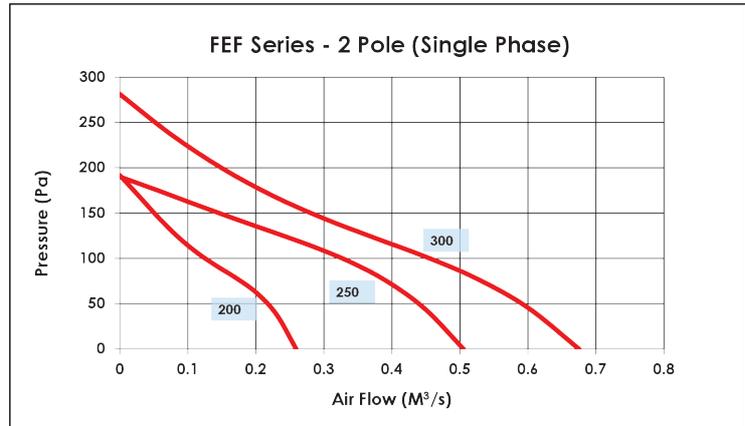
Fan Model	RPM	Voltage	Amps	kW	SPL dB referred to 10 ⁻¹² W Type D: ducted inlet/outlet (LW)								dB(A) @ 3m
					63	125	250	500	1K	2K	4K	8K	
FFE200-2E	2670	240	0.3	0.06	67	69	67	65	62	62	54	52	47
FEF200-4E	1370	240	0.21	0.03	58	69	53	51	45	45	37	35	35
FEF250-2E	2450	240	0.51	0.115	60	69	66	67	64	63	58	54	49
FEF250-4E	1390	240	0.53	0.069	57	60	57	55	54	51	47	38	38
FEF300-2E	2650	240	0.62	0.14	67	72	74	72	70	66	63	61	54
FEF300-4E	1320	240	0.32	0.072	58	60	63	60	58	54	54	49	42
FEF350-4E	1340	240	0.73	0.165	63	65	62	63	60	56	50	45	44
FEF400-4E	1430	240	0.73	0.16	68	67	65	63	61	60	55	48	46
FEF450-4E	1310	240	2.36	0.49	70	69	65	64	63	63	59	53	48
FEF450-6E	960	240	0.928	0.21	59	61	61	60	59	57	53	43	43
FEF500-4E	1300	240	3	0.68	75	74	70	70	68	68	61	55	53
FEF500-6E	915	240	1.18	0.27	66	67	67	66	64	62	57	51	48
FEF560-6E	895	240	1.8	0.41	66	68	64	65	66	61	54	52	48
FEF630-6E	860	240	2.62	0.6	75	72	67	68	66	62	57	57	49
FEF350-4D	1370	415	0.64	0.17	63	65	62	63	60	56	50	45	44
FEF400-4D	1440	415	0.53	0.17	68	67	65	63	61	60	55	48	46
FEF400-6D	1300	415	0.21	0.115	64	64	62	60	57	56	52	44	42
FEF450-4D	1360	415	0.98	0.48	70	69	65	64	63	63	59	53	48
FEF450-6D	1110	415	0.58	0.34	59	61	61	60	59	57	53	43	43
FEF500-4D	1340	415	1.4	0.71	75	74	70	70	68	68	61	55	53
FEF500-6D	1060	415	0.8	0.48	66	67	67	66	64	62	57	51	48
FEF560-4D	1355	415	2.53	1.17	75	77	72	73	74	70	62	61	56
FEF560-6D	1080	415	1.45	0.8	66	68	64	65	66	61	54	52	48
FEF630-4D	1320	415	4.78	2.63	76	76	78	79	77	73	68	67	60
FEF630-6D	1050	415	2.95	1.75	75	72	67	68	66	62	57	57	49

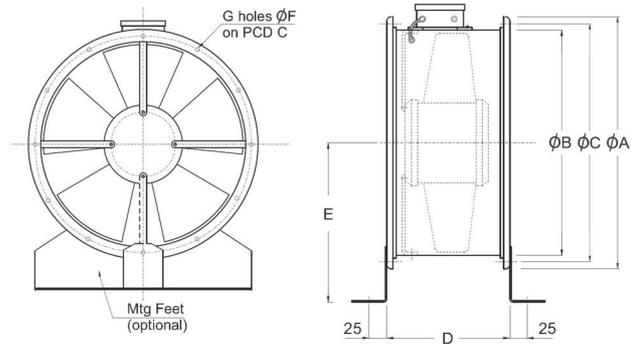
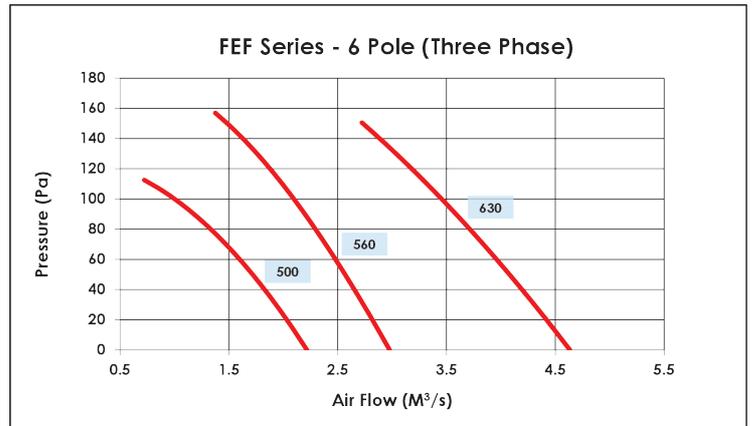
2E=2pole, 1phase. 2D=2 pole, 3phase. 4E=4 pole, 1Phase. 4D=4pole, 3phase. 6E=6pole, 1phase. 6D=6 pole, 3phase. 8D=8pole, 3phase.

Suggested Specification

Fixed pitch Axial Flow duct mount type fans shall be of the FEF Series manufactured by Pacific HVAC Engineering. Sickle bladed axial impellers shall be driven by external rotor motors with sealed for life bearings. Cases to be of corrosion protected sheet steel with roll formed flanges. All fans shall be fully tested in accordance with the requirements of ISO 5801 : 2007 for air flow and ISO 13347 : 2004 for sound.

Ancillaries





FEF Size	A	B	C	D	E	F	G	kg
200	255	202	231	175	162	7	4	5
250	306	256	282	175	188	7	4	6
300	360	310	336	200	215	7	4	7
350	420	356	395	150	245	9.5	8	9
400	465	400	438	200	270	9.5	12	10
450	515	451	488	250	300	9.5	12	12
500	565	503	541	250	340	9.5	12	17
560	630	560	605	250	370	11.5	16	25
630	710	634	674	250	430	11.5	16	45