

Axial fans, medium pressure

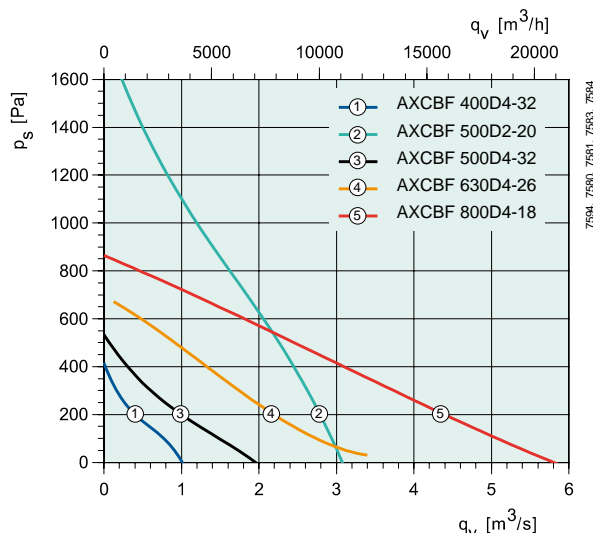
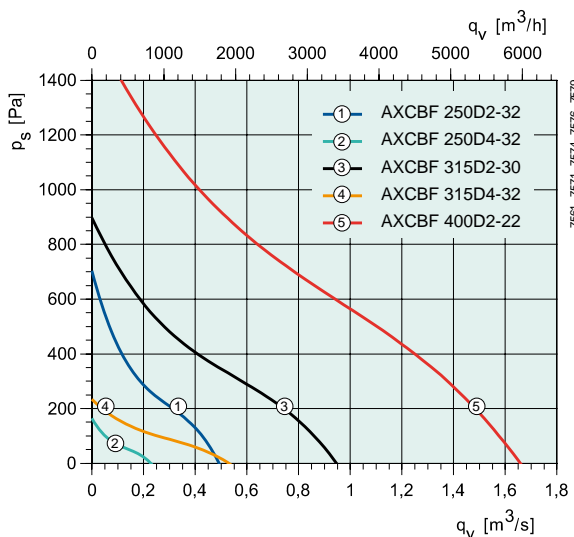


AXCBF

- Aerofoil impeller with adjustable pitch angle.
- Die cast aluminium hub and blades.
- Bifurcated casing, hot dip galvanized steel, to EN ISO 1461 flange holes according Eurovent 1/2.
- Three phase motors, IP55, insulation class F, in accordance with EN 60034-5, IEC 85.
- Terminal box mounted directly onto the IE2 motor
- Suitable for operating temperatures of up to 200°C continuously
- Inspection hole to verify correct direction of rotation.

The Systemair AXCBF range of bifurcated medium pressure axial fans has been developed for applications with an atmosphere which would either require special motors or reduce the lifetime of a standard motor. The motors of AXCBF are outside of the airstream. Available in sizes from 250 up to 800 mm impeller diameter. AXCBF bifurcated axial fan casings are heavy gauge, hot dip galvanized. The motor compartment allows easy access to the motor terminal box for wiring. Three phase B3 foot mounted motors, totally enclosed and fan cooled. The three phase motors are equipped with PTC thermistors for optimum motor protection.

QUICK SELECTION

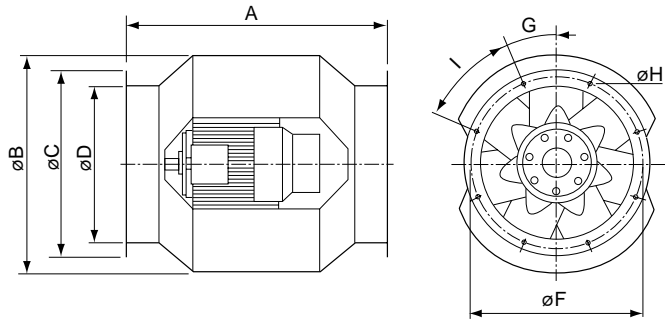


Axial fans

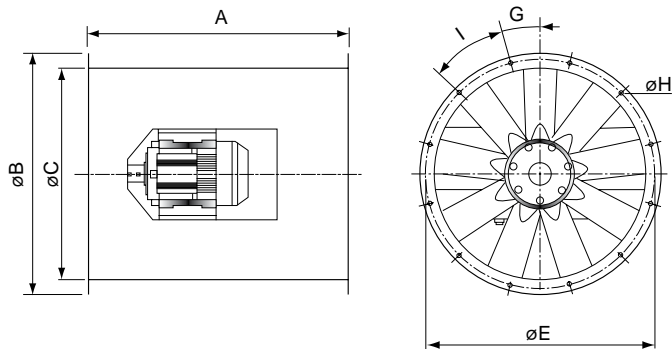
TECHNICAL DATA

AXCBF		250D4-32	250D2-32	315D4-32	315D2-30 IE2	400D4-32
Art no.		32458	32456	32462	34146	32483
Voltage/Frequency	V/50 Hz	400 3~	400 3~	400 3~	400 3~	400 3~
Power	kW	0.25	0.37	0.25	0.75	0.55
Rated current	A	0.80	1.0	0.8	1.68	1.5
Max air flow	m ³ /s	0.23	0.49	0.54	0.951	1.00
R.p.m.	min ⁻¹	1400	2690	1390	2875	1370
Max temp. of transported air	°C	200	200	200	200	200
Weight	kg	30	30	32	35	42
Insulation class, motor		F	F	F	F	F
Enclosure class, motor		IP 55	IP 55	IP 55	IP 55	IP 55
Wiring diagram p. 391-400		13b	13b	13b	13b	13b

DIMENSIONS



AXCBF	A	øB	øC	øD	øF	G	øH	I
250	535	448	328	250	302	22.5°	10	8x45°
315	535	452	385	315	355	22.5°	10	8x45°
400	625	585	480	400	450	22.5°	10	8x45°
500 long version	710	695	590	500	560	15°	12	12x30°
500 short version	660	695	590	500	560	15°	12	12x30°



AXCBF	A	øB	øC	øE	G	øH	I
630	790	728	630	690	15°	12	12x30°
800	880	890	800	860	11.25°	12	16x22,5°

VENTILATION ACCESSORIES



LRK(F) p. 385



MFA-AXCBF p. 388



ESD-F p. 388



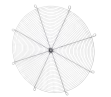
EVH p. 388



FSD p. 386



GFL-AR/AXC p. 389



SG AR/AXC p. 385

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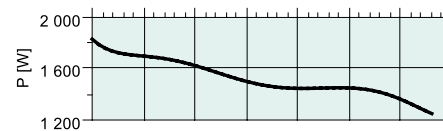
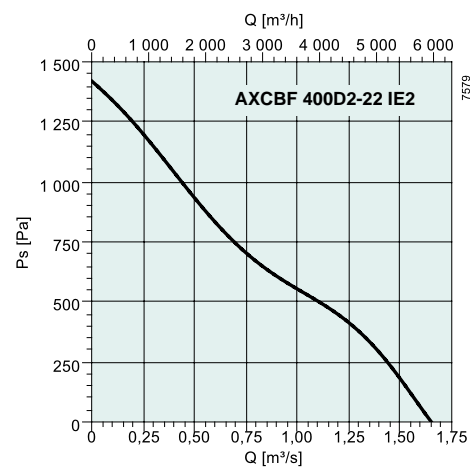
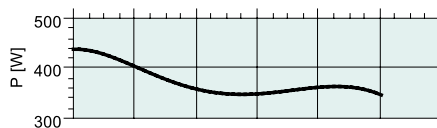
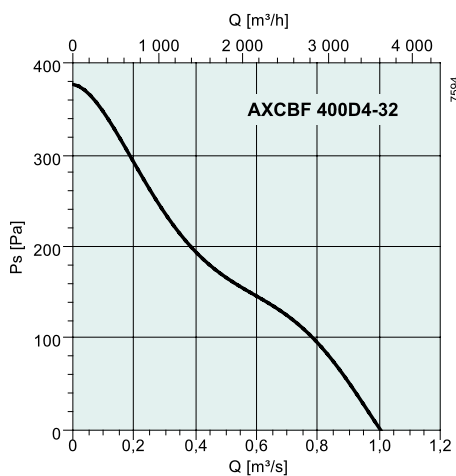
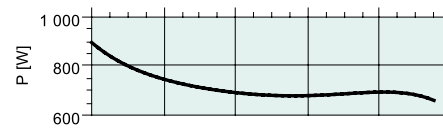
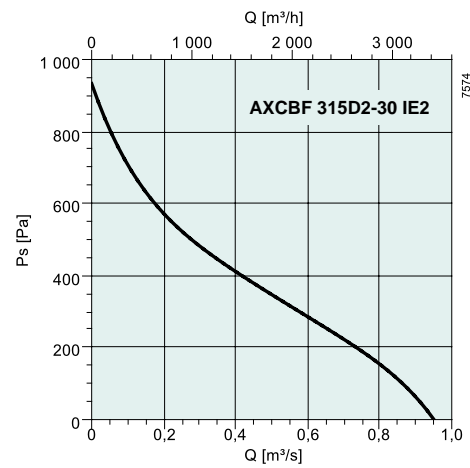
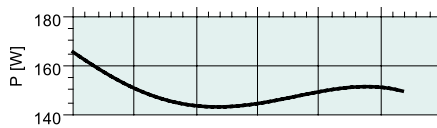
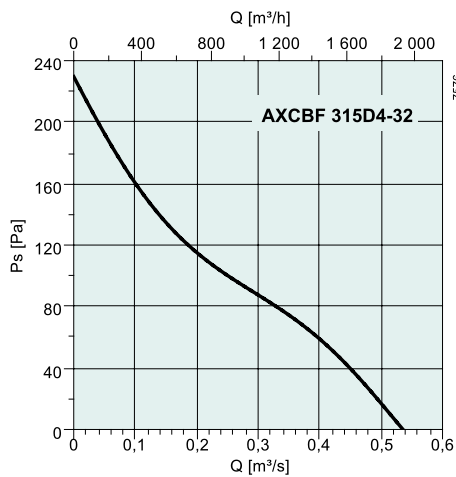
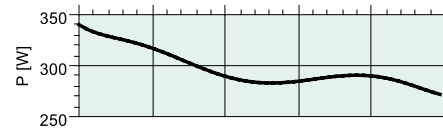
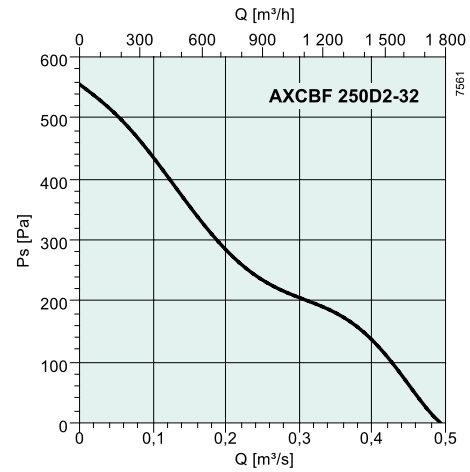
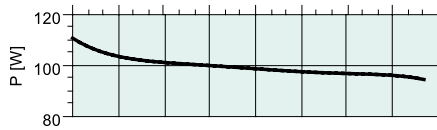
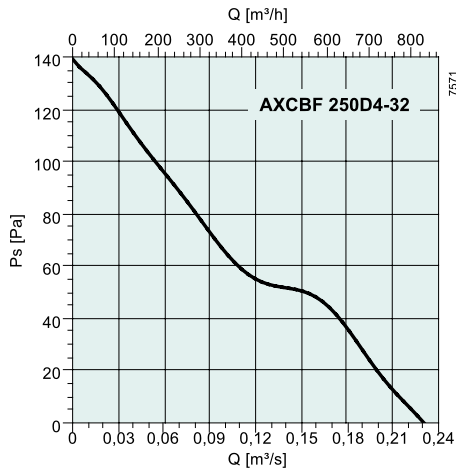
Note: Accessories LRK, ESD-F and SG not available for size 250

AXCBF		400D2-22 IE2	500D2-20 IE2	500D4-32 IE2	630D4-26 IE2	800D4-18 IE2
Art no.		34147	34148	34152	34155	34156
Voltage/Frequency	V/50 Hz	400 3~	400 3~	400 3~	400 3~	400 3~
Power	kW	2.20	4.00	1.10	2.20	4.00
Current	A	4.48	7.64	2.53	4.64	8.12
Max air flow	m3/s	1.65	3.06	1.91	3.44	5.63
R.p.m.	min-1	2890	2914	1445	1440	1445
Max temp. of transported air	°C	200	200	200	200	200
Weight	kg	49	87	66	106	155
Insulation class, motor		F	F	F	F	F
Enclosure class, motor		IP 55	IP 55	IP 55	IP 55	IP 55
Wiring diagram p. 391-400		13b	13b	13b	13b	13b

34148 = long version 34152 = short version

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PERFORMANCE



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