



MOTORS & FANS

## FANLAB CODIFICATION Model Numbering System

### AC AXIAL FANS

FL-	Size	Speed	Voltage	Terminals	Bearing	On request
	<b>12038</b>	<b>H</b>	<b>C1</b>	<b>W</b>	<b>B</b>	<b>*</b>
	6030=60x60x30mm	<b>H</b> =High Speed	<b>A1</b> =110VAC	<b>W</b> =Wire	<b>(Y)</b> =Bearing options	<b>(Blank)</b> = Normal
	8025=80x80x25mm	<b>M</b> =Middle Speed	<b>A2</b> =230VAC	<b>T</b> =Terminal	<b>B</b> =Ball bearing	<b>5B/7B</b> = N° Blade
	8038=80x80x38mm	<b>L</b> =Low Speed	<b>A3</b> =400VAC		<b>S</b> =Sleeve bearing	
	9225=92x92x25mm					
	9238=92x92x38mm					
	12025=120x120x25mm					
	12038=120x120x38mm					
	15850=150x150x50mm					
	15850C=Ø158x50mm					
	17251=172x150x51mm					
	20060=200x200x60mm					
	21072=Ø210x72mm					
	22060=Ø220x60mm					
	25489=Ø254x89mm					



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### DC AXIAL FANS

FL-	Size	Speed	Voltage	Terminals	Bearing	On request
	12038	H	C1	W	B	*
		<b>G</b> =Extreme Speed <b>S</b> =Super-High Speed <b>U</b> =Ultra-High Speed <b>D</b> =Extra-High Speed <b>H</b> =High Speed <b>M</b> =Middle Speed <b>L</b> =Low Speed	<b>C5</b> =5VDC <b>C1</b> =12VDC <b>C8</b> =18VDC <b>C2</b> =24VDC <b>C4</b> =48VDC	<b>W</b> =Wire	<b>(Y)</b> =Bearing options <b>B</b> =Ball bearing <b>S</b> =Sleeve bearing <b>C</b> =Special bearing system	<b>(Blank)</b> = Normal <b>F/G</b> = Different Impeller and Frame
2006=20x20x06mm	4028G=40x40x28mm	7020=70x70x20mm	12025J=120x120x25mm			
2010=20x20x10mm	4510=45x45x10mm	7025=70x70x25mm	12025G=120x120x25mm			
2507=25x25x07mm	5010=50x50x10mm	8010=80x80x10mm	12025F=120x120x25mm			
2510=25x25x10mm	5015=50x50x15mm	8015=80x80x15mm	12032=120x120x32mm			
3007=30x30x07mm	5020=50x50x20mm	8020=80x80x20mm	12038=120x120x38mm			
3010=30x30x10mm	6010=60x60x10mm	8025F=80x80x25mm	12038J=120x120x38mm			
3510=35x35x10mm	6015=60x60x15mm	8025G=80x80x38mm	12038F=120x120x38mm			
4007=40x40x07mm	6020=60x60x20mm	8038=80x80x38mm	14025=140x140x25mm			
4010=40x40x10mm	6025=60x60x25mm	8038F=80x80x38mm	17251=172x150x51mm			
4015=40x40x15mm	6028=60x60x28mm	9225=92x92x25mm	20051=Ø200x51mm			
4020=40x40x20mm	6038=60x60x38mm	9232=92x92x32mm				
4028=40x40x28mm	7010=70x70x10mm	9238=92x92x38mm				
4028F=40x40x28mm	7015=70x70x15mm	12025=120x120x25mm				



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### EC Axial Fans

FL-	Size	Speed	Voltage	Bearing	On request
	12038	H	A2	B	-EC
	6028=60x60x28mm 6038=60x60x38mm 8038=80x80x38mm 9238=92x92x38mm 12038=120x120x38mm 17051=170x170x51mm	<b>U</b> =Ultra-High Speed <b>D</b> =Extra-High Speed <b>H</b> =High Speed <b>M</b> =Middle Speed <b>L</b> =Low Speed	<b>A2</b> =110/230 VAC	<b>(Y)</b> =Bearing options <b>B</b> =Ball bearing <b>S</b> =Sleeve bearing	<b>EC</b> = EC Axial Fan  *other customization
				<b>Life expectancy</b> Ball bearing 30.000 hours Sleeve bearing 50.000 hours	



# FANLAB CODIFICATION

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### Blowers

FL-	Size	Speed	Voltage	Bearing	On request
	5020	H	C1	B	*
BLA 2006=20x20x06mm		<b>U</b> =Ultra-High Speed	<b>C5</b> =5VDC	<b>(Y)</b> =Bearing options	<b>(Blank)</b> = Normal
BLA 2507=25x25x7mm		<b>D</b> =Extra-High Speed	<b>C1</b> =12VDC	<b>B</b> =Ball bearing	<b>F/G</b> = Different Impeller and Frame
BLA 3507=35x35x7mm		<b>H</b> =High Speed	<b>C2</b> =24VDC	<b>S</b> =Sleeve bearing	<b>FG/RD/RRD</b> =Function Option
BLA 4010=40x40x10mm		<b>M</b> =Middle Speed	<b>C4</b> =48VDC	<b>C</b> =Special bearing system	
BLA 4020=40x40x20mm		<b>L</b> =Low Speed			
BLA 5015=50x50x15mm				<b>Life expectancy</b>	
BLA 5020=50x50x20mm				Ball bearing 30.000 hours	
BLA 5512=55x55x12mm				Sleeve bearing 50.000 hours	
BLA 6015=60x60x15mm					
BLA 6025=60x60x25mm					
BLA 6028=60x60x28mm					
BLA 7020=Ø70x20mm					
BLA 7515=75x75x15mm					
BLA 7525=75x75x25mm					
BLA 7530=75x75x30mm					
BLA 9330=93x93x30mm					
BLA 9733=97x94x33mm					
BLA 10025=Ø100x25mm					
BLA 12032=120x120x32mm					
BLA 13069=Ø130x69mm					



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### Model Numbering System

### EC Motor

Type	Power output	Electrical design	Mechanical design	Voltage
<b>FL-SME</b>	<b>108</b>	<b>A</b>	<b>AA</b>	<b>2</b>
<b>SME</b> = Electronically Commutated Motor	<b>108</b> =5W(out) <b>112</b> =12W(out) <b>120</b> =25W(out)	<b>A</b> = Standard <b>B</b> = CW&CCW <b>C</b> = Timed reverse <b>D</b> = 2 Speed <b>E</b> = Vari-speed	On request	<b>0</b> = DC <b>1</b> = 100 ~120 V <b>2</b> = 220 ~240 V
<b>ESF</b> = Energy Safe Fan with blade and ring				



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### SM Motor

Type	Output Power	Screw Mounting	Voltage	Customization
FL-SM	5	-18	/	*
Shaded Pole Motor	5=5W 6=6W 10=10W 16=16W 18=18W 25=25W 34=34W	00= No screw 18= 18mm 26= 26mm 26/18= 26/18 mm	none= 240V 120= 120V	*on request  e.g. accesories, IP protection, wire lenght, connector, ball bearing



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### AC External Rotor Axial Fans

FL-	Motor Poles	Phase	Diameter Fan Blade	Air Direction	Voltage	Customization
	2	M	200	V	230	*
	2= 2 Poles 4= 4 Poles 6= 6 Poles 8= 8 Poles	M= Single Phase T= Three Phase	200 = Ø 200 250 = Ø 250 300 = Ø 300 350 = Ø 350 400 = Ø 400 450 = Ø 450 500 = Ø 500 550 = Ø 550 600 = Ø 600 630 = Ø 630 710 = Ø 710 800 = Ø 800	V= Sucking A= Blowing	230= 230VAC 400= 400VAC	*on request  ex. Type of grid or Frame, accessories, IP protection or other customization



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### EC External Rotor Axial Fans

FL-	Type	Phase	Diameter Fan Blade	Air Direction	Voltage	Material	Customization
	EC	M	200	V	230	P	*
	EC= EC Fan	M= Single Phase T= Three Phase	300 = Ø 300 350 = Ø 350 400 = Ø 400 450 = Ø 450 500 = Ø 500 630 = Ø 630	V= Sucking A= Blowing	230= 230VAC 400= 400VAC	P=Plastic, S=Steel	* other customization,