



Spare parts for:

## Commercial refrigeration



Suitable for:

# EBM-PAPST



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Therefore, the sequence of the items might  
not be always shown at best.

Updates will be issued in case of additions  
and/or amendments.

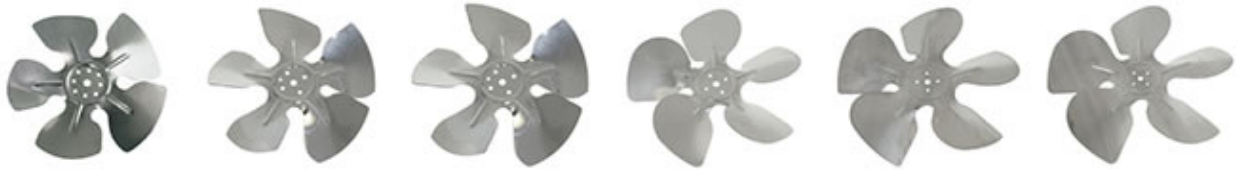
*Suitable universal spare parts may not be included*

Rel. 2015-12241126





## ALUMINUM FANS FOR MOTORS



LF Code	Fan diameter mm	Pitches	Version
3240960	154	28°	Sucking
3240961	172	28°	Sucking
3240220	200	28°	Sucking
3240222	230	28°	Sucking
3240964	254	28°	Sucking
3240965	300	28°	Sucking
3240411	154	28°	Blowing
3240412	172	28°	Blowing
3240393	200	28°	Blowing
3240394	230	28°	Blowing
3240395	254	28°	Blowing
3240403	300	28°	Blowing

## AXIAL FANS COMPACT EBM-PAPST

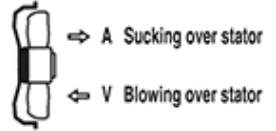


LF Code	Model	Dimensions mm L x D x H	Volt	Hertz	Watt	rpm	Air flow m3/h	Connection	Temperature range °C	Bearing type
1240052	612NGH	60x60x25	12Vdc		2.6	5600	46	2 wires L=310 mm	-20..+70	sleeve
1240053	8412N	80x80x25	12Vdc		2	3100	69	2 wires L=310 mm	-20..+70	ball
1240140	8414NM	80x80x25	24Vdc		1.4	2600	58	2 wires L=310 mm	-20..+70	ball
1240208	8414N	80x80x25	24Vdc		2	3100	69	2 wires L=310 mm	-20..+70	ball
3240515	8556N	80x80x38	230	50	12	2800	50	2 wires L=310 mm	-40..+90	ball
3540009	3412N	92x92x25	12Vdc		2.2	2700	84	2 wires L=310 mm	-20..+70	ball
3240518	3414N	92x92x25	24Vdc		2.3	2700	84	2 wires L=310 mm	-20..+70	ball
3240660	3956	92x92x25	230	50	11	2650	59	2 flat plug 2.8x0.5	-40..+80	ball
3240613	3656	92x92x38	230	50	12	2700	75	2 wires L=310 mm	-40..+75	ball
3240614	9956	119x119x25	230	50	14	2450	117	2 flat plug 2.8x0.5	-40..+70	ball
1240313	4414ML	119x119x38	24Vdc		3.2	3000	168	2 wires L=310 mm	-20..+80	ball
3340129	4856Z	119x119x38	230	50	13	1700	100	2 flat plug 2.8x0.5	-40..+75	ball
3540008	ACi 4420 MLU-008	119x119x38	230	50	1.7	1850	100	cable with connector	-20..+75	ball
3540004	4586Z	119x119x38	230	50	13	1900	115	2 flat plug 2.8x0.5	-40..+75	ball
3240519	4656N	119x119x38	230	50	19	2650	160	2 flat plug 2.8x0.5	-40..+85	ball
2102517	4656NU	119x119x38	230	50	19	2650	160	2 flat plug 2.8x0.5	-40..+85	ball
3340001	4656Z	119x119x38	230	50	19	2650	160	2 flat plug 2.8x0.5	-40..+75	ball
2101757	4656ZU	119x119x38	230	50	19	2650	160	2 flat plug 2.8x0.5	-40..+85	ball
5063246	4656ZWU	119x119x38	230	50	19	2650	160	2 wires L=310 mm	-40..+85	ball
3240563	5958	127x127x38	230	50	18	2750	180	2 flat plug 2.8x0.5	-30..+60	ball



LF Code	Model	Dimensions mm	Volt	Hertz	Watt	rpm	Air flow m3/h	Connection	Temperature range °C	Bearing type
		L x D x H								
3240634	7056ES W2E142-BB01-01	172x150x38	230	50	29	2800	330	2 flat plug 2.8x0.5	-25..+55	ball
3240520	7855ES W2S130-AA03-01	150x55	230	50	45	2800	325	2 wires L=330 mm	-25..+50	ball
3240593	7450ES W2S130-BM03-01	150x55	230	50	47	2700	380	2 wires L=330 mm	-25..+50	ball
3340130	6058ES W2E143-AA09-01	172x51	230	50	24	2800	375	2 flat plug 2.8x0.5	-25..+70	ball

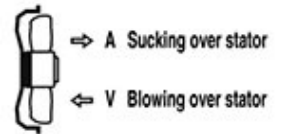
## AXIAL FANS EBM



LF Code	Model	Diameter mm	Volt	Hertz	Watt	Ampere	rpm	Air flow rate m3/h	Air direction
3540005	A4E300-AS72-06	300	230	50/60	72	0.32	1320	1130	v
3540006	S4E350-AN02-43	350	230	50	165	0.73	1340	2160	v
3540007	A4E400-AP02-12	400	230	50/60	160	0.73	1430	2675	v

Completi di griglia a cestello, scatola elettrica e condensatore di spunto

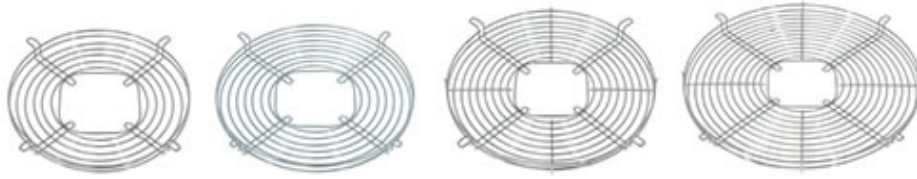
## AXIAL FANS EBM



LF Code	Model	Diameter mm	Volt	Hertz	Watt	Ampere	rpm	Capacitor µF	Air direction
3240594	A4E250-AA04-01	250	230	50/60	32	0.15	1420	1	v
5065202	A4S250-AH02-01	250	230	50/60	69	0.53	1390	-	v
3340169	A4E300-AS72-01	300	230	50/60	72	0.32	1380	2	v
3240499	A4E300-AB01-38	300	230	50/60	58	0.26	1250	1.5	v
3340054	A4D300-AS34-01	300	400	50/60	68	0.14	1300	-	v
3240488	A4E315-AC08-18	315	230	50	95	0.42	1370	3	A
3240484	A4E315-AC08-19	315	230	50/60	95	0.42	1370	3	v
2102390	A4E315 AS20-01	315	230	50/60	110	0.52	1350	3	v
3240549	A4E330-AP18-01	330	230	50/60	110	0.54	1400	4	v
2102318	A4E330 AB16-19	330	230	50/60	130	0.58	1370	5	A
3340053	A4E350-AQ02-09	350	230	50/60	180	0.8	1420	6	v
3540011	A4E350-AN02-01	350	230	50	165	0.73	1340	4	v
3240486	A4E400-AP02-01	400	230	50/60	160	0.73	1430	6	v
2101975	A4E400-AP02-02	400	230	50/60	160	0.73	1430	6	A
3340147	A4D400-AP12-01	400	400	50/60	135	0.44	1450	-	v
3240388	A4E450-AP01-01	450	230	50/60	245	1.1	1400	8	v
3340148	A4D450-AP01-01	450	400	50/60	200	0.48	1380	-	v
3340146	A4D500-AM03-01	500	400	50	720-550	1.41-0.95	1390-1180	-	v



## BASKET GUARD GRILLES FOR 5-POLE MOTORS



LF Code	Fan diameter mm	Height (mm)	Distance between fixing holes mm
3185088	200	25	236
3185093	230	27	266
3185089	254	25	290
3185949	254	34	300
3185090	300	28	344

## BASKET GUARD GRILLES FOR EBM VENTILATORS



LF Code	Fan diameter mm	Height (mm)	Distance between fixing holes mm	Version
3240557	250	62	300	Sucking
3240558	250	45	300	Blowing
3240560	300/315	65	368	Sucking
3240559	330	85	405	Sucking
3240561	350	85	422	Blowing/Sucking
2102235	400	80	470	Blowing/Sucking
3240562	400	80	490	Blowing/Sucking
2102289	400	80	490	Blowing/Sucking
3240492	450	85	522	Blowing/Sucking
3340145	500	112	565	Blowing/Sucking

## MOTOR BRACKETS CROSS



LF Code	Height (mm)
3805024	59
3805025	73
3805026	82
3805027	112
3805028	120

## MOTOR BRACKETS STRAIGHT



LF Code	Height (mm)	Distance between fixing holes mm
3240950	39	81
3240951	52	81
3240221	72	81
3240223	84	81
3240954	109	78

## MOTORS 5 POLE EBM



M4Q045-BD01-75



M4Q045-CA03-75



M4Q045-CF01-75



M4Q045-DA01-75



M4Q045-EA01-75



M4Q045-EF01-75

LF Code	Model	Watt in	Watt out	Volt	Hertz	Nominal speed rpm	A mm	B mm
3240581	M4Q045-BD01-75	29	5	230	50/60	1300	76	15
3240580	M4Q045-CA03-75	36	10	230	50/60	1300	82	15
3240626	M4Q045-CF01-75	60	16	230	50/60	1300	87	15
3240627	M4Q045-DA01-75	70	18	230	50/60	1300	93	15
3240628	M4Q045-EA01-75	90	25	230	50/60	1300	103	15.5
3240629	M4Q045-EF01-75	110	34	230	50/60	1300	125	33

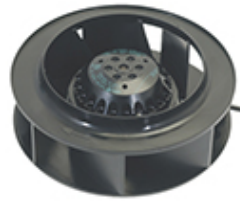




# EBM-PAPST



## RADIAL VENTILATORS EBM-PAPST



LF Code	Model	Diameter mm	Volt	Hertz	Watt	Ampere	Nominal speed rpm	Capacitor µF	Suitable for
3240651	R2E180-CB28-01	180	230	50/60	60	0.28	2550	1.5	AFINOX
3240485	R2E190-AO26-66	190	230	50/60	58	0.26	2500	2	ILSA-WHIRPOOL-FRIULINOX-LAINOX
3240591	R2E190-AO26-73	190	230	50/60	58	0.26	2500	2	STUDIO 54-WHIRPOOL-IRINOX-ZANUSSI-ELECTROLUX
3805035	R2E220-AA40-05	220	230	50/60	85	0.38	2600	3	CARPIGIANI
5056068	R2E225-BD92-09	225	230	50/60	135	0.6	2650	4	

## RINGS FOR MOTORS



LF Code	Fan diameter mm	External diameter mm	Height (mm)
3240408	154	200	49
3240969	172	220	49
3240970	200	248	49
3240409	230	278	49
3240971	254	302	49
3240972	300	350	49

## STARTING CAPACITORS WITH CABLES



### DUCATI ENERGIA

Voltage: 425V ~ 30000h cl.A 25/85/21  
 475V ~ 10000h cl.B 25/85/21  
 500V ~ 3000h cl.C 25/85/21

Series 4.16.17

Approved range: 1÷45µF  
 1÷70µF  
 1÷25µF

EN 60252-1



LF Code	µF	∅ x H (mm)
3340143	1	25x49
3240556	1.5	25x49
3240555	2	25x49
3340175	2.5	25x55
3240554	3	25x55
3340176	3.5	25x55
3240553	4	30x56
3240552	5	30x56



LF Code	µF	ø x H (mm)
3240548	6	36x58
3340177	6.3	36x58
3240547	8	36x58
3340178	10	36x70
3340179	12.5	40x70
3340180	16	40x92
3340181	18	40x92
3340182	20	40x92

Temperatura di esercizio -25+85°C  
Tolleranza di capacità ±5% Frequenza di lavoro 50 ÷ 60 Hz Codolo M8

## TANGENTIAL VENTILATORS EBM



LF Code	Model	Dimensions Length x ø mm	Volt	Nominal speed rpm	Air flow rate m3/h	Motor position	Watt	Hertz
2102085	QL4/2000AO-2118L-412	200x40	230	2250	80	Rh	14	50
3526018	QLK45/0006 A22 2513	60x45	230	2650	36	Lh	15	50
3526206	QLK45/0600 A1 2513	60x45	230	2650	36	Rh	15	50
3526207	QLK45/0012 A29 2513	120x45	230	2250	80	Lh	18	50
3526166	QLK45/1200 A36 2513	120x45	230	2250	80	Rh	18	50
3526167	QLK45/1200 A39 2513	120x45	230	2250	80	Rh	18	50
5030781	QLK45/0018 A85 2518	180x45	230			Lh	27	50
3526208	QLK45/1800 A185 2518	180x45	230	2350	125	Rh	26	50
3526019	QLK45/1800 A101 2513	180x45	230			Rh		50
2102046	QLK45/2400 A32 2524	240x45	230			Rh	36	50/60
3526900	QLK45/0030 A35 2524	300x45	230	2100	200	Lh	32	50
3526174	QLZ06/0018 A22 2524	180x60	230	1800	150	Lh	31	50
7107055	QLZ06/1800 A265 2524	180x60	230	1800	150	Rh	31	50
3805031	QLZ06/1800 A304 2524	180x60	230			Rh	32	50
3526195	QLZ06/0024 A75 2505	240x60	230			Lh	38	50
3805032	QLZ06/3000 A105 3038	300x60	230			Rh	50	50

Rh=destra Lh=sinistra



Suitable for:

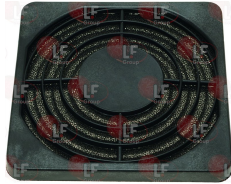
# EBM-PAPST



Suitable for:

## Axial motors

**3540002 AIR FILTER 119x119**



EBM-PAPST 106FF0045

**3240521 AXIAL MOTOR FAN CABLE**  
cable length 610 mm



EBM-PAPST LZ126

EBM-PAPST 992.0120.006

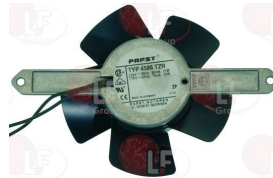
EBM-PAPST 992.0126.000

**3340164 MOTOR FAN EBM W1G200-EC87-25**  
230V 50/60Hz 8,5W 1300rpm  $\varnothing$  200 mm  
energy saving electronic motor



EBM-PAPST W1G200-EC87-25

**3240685 MOTOR FAN EBM 4586 TZR**  
230V 50Hz 13W 2600rpm  
 $\varnothing$  108x37 mm  
with ball bearings  
R= impregnated stator humidity-proof



EBM-PAPST 4586TZR

EBM-PAPST 924.4014.949

**3240686 MOTOR FAN EBM 4656 TZ**  
230V 50Hz 19W 2600rpm  
 $\varnothing$  108x37 mm  
with ball bearings



EBM-PAPST 4656TZ

EBM-PAPST 924.4014.896

**3340174 MOTOR VENTILATOR EBM W1G200-EC87-20**  
230V 8W 50/60Hz 900-1300rpm  $\varnothing$  200 mm  
energy saving electronic motor ventilator



EBM-PAPST W1G200-EA87-20

EBM-PAPST W1G200-EC87-20

**3240880 VIBRATION RUBBERPIECE LZ 550**



EBM-PAPST LZ550

EBM-PAPST 106FY0003

EBM-PAPST 106FY0003/FEA001

EBM-PAPST 60300.20000





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**Centrifugal fans**

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**3240578 CENTRIFUGAL FAN EBM RL76/8600Z**

A60-3030LH-204 EBM MVL  
230V 50Hz  
air outlet 108x50 mm



EBM-PAPST 55460.60311

EBM-PAPST 55460.60420

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**Motors**

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**3240808 MOTOAGITATOR EBM M2E068-DF11-43**

230V 50Hz 45W 2500rpm



EBM-PAPST M2E068-DF11-43

**3805015 MOTOR EBM M4Q045-EA01-01**

230V 50/60Hz 25/90W 1300rpm  
for bracket fastening 4 screws M4 26x32 mm



EBM-PAPST M4Q045-EA01-01

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**Tangential and radial fans**

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**3526271 TANGENTIAL FAN 180 mm RH**

230V 50Hz 15W - ø 60 mm  
PLASET 70602  
alternative QLZ06/1800B46-2513-217






















EBM-PAPST 55410.83290

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