

80x80mm

Airflow: 30~60m³/h



F2E-80B-230

F2E-80B-24

F2E-80B-230-B

- **Insulation Grade** According to IEC61858 Grade B
- **Dimensions**

F2E-80B-230	80x80x38mm
F2E-80B-24	80x80x24mm
F2E-80B-230-B	80x80x38.5mm

Model	F2E-80B-230	F2E-80B-230-B	F2E-80B-115	F2E-80B-24
Order number	2018.001	2018.070	2018.002	2018.036
Motor type	Shaded Pole Motor			DC
Bearing	Ball			
Voltage (V)	230	230	115	24
Frequency (Hz)	50/60	50/60	50/60	—
Current (A)	0.08/0.10	0.06/0.05	0.14/0.16	0.13
Power (W)	15/12	12/10	10/12	3.10
Speed (r/min)	2300/2400	2800/3300	2300/2400	3000
Air Flow (m ³ /h)	30/36	60	30/36	64
Noise (dB)	36/38	35	36/38	34
House material	Die-cast aluminum			PPT+GF
Impeller material	PPT+GF	Sheet steel, painted black	PPT+GF	PPT+GF
Operating temperature	-30~+60	-40~+65	-30~+60	-30~+55
Service life	30000h S1	50000h S1	30000h S1	30000h S1
Certification	—	CE	—	—
Weight (g)	350	370	350	51
IP rating	34	44	34	34

92x92mm

Airflow: 45~93m³/h



F2E-92S/B-230

F2E-92S/B-024

F2E-90B-230-B

- **Insulation Grade** According to IEC61858 Grade B
- **Dimensions**

F2E-92B-230	92x92x25mm
F2E-92S/B-024	92x92x25mm
F2E-90B-230-B	90.5x90.5x39mm

Model	F2E-92S/B-230	F2E-90B-230-B	F2E-92S/B-115	F2E-92S/B-24
Order number	2018.005	2018.071	2018.006	2018.029/046
Motor type	Shaded Pole Motor			DC
Bearing	Sleeve/Ball	Ball	Sleeve/Ball	Sleeve/Ball
Voltage (V)	230		115	24
Frequency (Hz)		50/60		—
Current (A)	0.08/0.07		0.16/0.14	0.09
Power (W)	10/12	13/11	10/12	2.16
Speed (r/min)	2300/2400	2750/3250	2300/2400	3000
Air Flow (m ³ /h)	45	90.5	45	93
Noise (dB)	38	36	38	33
House material	Die-cast aluminum			PPT+GF
Impeller material	PPT+GF	Sheet steel, painted black	PPT+GF	PPT+GF
Operating temperature	-30~+60	-40~+65	-30~+60	-30~+55
Service life	25000h S1/30000h S1	50000h S1	25000h S1/30000h S1	25000h S1/30000h S1
Certification	—	CE	—	—
Weight (g)	188	400	188	85
IP rating	34	44	34	34

119.5x119.5mm

Airflow: 145~195m³/h



F3E-120385-230

F2E-120S-230

F2E-120S-24

F2E-120B-230-B

- **Insulation Grade** According to IEC61858 Grade B
- **Dimensions**

F2E-120S-230	119.5x119.5x38.5mm
F2E-120S-24	119.5x119.5x38.5mm
F2E-120B-230-B	119.5x119.5x38mm

Model	F2E-120S/B-230	F2E-120B-230-B	F2E-120S/B-115	F2E-120B-24
Order number	2018.007/009	2018.072	2018.008/010	2018.032
Motor type	Shaded Pole Motor			DC
Bearing	Sleeve/Ball	Ball	Sleeve/Ball	Ball
Voltage (V)	230		115	24
Frequency (Hz)		50/60		—
Current (A)	0.12/0.10		0.34/0.28	0.20
Power (W)	20/15	18/16	25/21	4.80
Speed (r/min)	2500/2700	2650/3100	2500/2700	3000
Air Flow (m ³ /h)	145/160	165	145/160	195
Noise (dB)	50/52	38	50/52	45
House material	Die-cast aluminum			PPT+GF
Impeller material	PPT+GF	Sheet steel, painted black	PPT+GF	PPT+GF
Operating temperature	-30~+60	-40~+65	-30~+60	-30~+55
Service life	25000h S1/30000h S1	50000h S1	25000h S1/30000h S1	30000h S1
Certification	CE, RoHS	CE	CE, RoHS	—
Weight (g)	550	530	550	240
IP rating	34	44	34	34

150x52mm

Airflow: **370~325m³/h**



F2E-150B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade B

Model	F2E-150S/B-230	F2E-150S/B-115
Order number	2018.011/013	2018.012/014
Motor number/type	M2E07202B-AB/Shaded Pole Motor	M2E07202A-AB/Shaded Pole Motor
Bearing	Sleeve/Ball	
Voltage (V)	230	115
Frequency (Hz)	50/60	
Current (A)	0.29/0.27	0.61/0.54
Power (W)	43/40	44/41
Speed (r/min)	2600/2620	2600/2560
Air Flow (m ³ /h)	370/325	
Noise (dB)	58	
House material	Die-cast aluminum	
Impeller material	PPT+GF	
Operating temperature	-40~+65	
Service life	25000h S1/30000h S1	
Certification		
Weight (g)	900	
IP rating	34	

162x55mm

Airflow: **325~380m³/h**



F2E-162B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade B

Model	F2E-162B-230	F2E-162B-115
Order number	2018.015	2018.016
Motor number/type	M2E07201B-AB/Shaded Pole Motor	M2E07201A-AB/Shaded Pole Motor
Bearing	Ball	
Voltage (V)	230	115
Frequency (Hz)	50/60	
Current (A)	0.23/0.20	0.53/0.41
Power (W)	37/36	36/34
Speed (r/min)	2650/3000	
Air Flow (m ³ /h)	325/380	
Noise (dB)	48/52	
House material	Die-cast aluminum	
Impeller material	Sheet steel, painted black	
Operating temperature	-40~+80	
Service life	50000h S1	
Certification		
Weight (g)	1100	
IP rating	44	

Ø171x52mm

Airflow: **330/325m³/h**



F2E-170B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade B

Model	F2E-170B-230	F2E-170B-115
Order number	2018.043	2018.042
Motor number/type	M2E07402A-AB/Shaded Pole Motor	M2E07402A-AB/Shaded Pole Motor
Bearing	Ball	
Voltage (V)	230	115
Frequency (Hz)	50/60	
Current (A)	0.30/0.26	0.61/0.54
Power (W)	45/42	42/40
Speed (r/min)	2600/2700	2580/2600
Air Flow (m ³ /h)	330	325
Noise (dB)	55	57
House material	Die-cast aluminum	
Impeller material	PPT+GF	
Operating temperature	-40~+65	
Service life	30000h S1	
Certification		
Weight (g)	900	
IP rating	34	

200x204mm

Airflow: **680m³/h**



F2E-200B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade B

Model	F2E-200B-230
Order number	2018.047
Motor type	Shaded Pole MotorBall
Bearing	ball
Voltage (V)	230
Frequency (Hz)	50/60
Current (A)	0.36/0.38
Power (W)	50/53
Speed (r/min)	2650/2680
Air Flow (m ³ /h)	680
Noise (dB)	68
House material	Die-cast aluminum
Impeller material	PPT+GF
Operating temperaturet	-40~+65
Service life	30000h S1
Certification	—
Weight (g)	1600
IP rating	34

Ø223x60mm

Airflow: **580m³/h**



F2E-220B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade B

Model	F2E-220B-230	F2E-220B-115
Order number	2018.017	2018.018
Motor number/type	Shaded Pole Motor	
Bearing	Ball	
Voltage (V)	230	115
Frequency (Hz)	50/60	
Current (A)	0.30	0.90
Power (W)	58	
Speed (r/min)	2500	
Air Flow (m ³ /h)	580	
Noise (dB)	56	
House material	Die-cast aluminum	
Impeller material	PPT+GF	
Operating temperaturet	-40~+65	
Service life	30000h S1	
Certification	—	
Weight (g)	1340	
IP rating	34	

208.5x208.5mm

Airflow: **800~970m³/h**



F2E-20772B-230-A

F2E-20772B-230-M

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade F

Model	F2E-320B-230	F2E-320B-115
Order number	2018.068	2018.069
Motor number/type	M2E09202D-AF/Capacitor Start Induction Motor	
Bearing	Ball	
Voltage (V)	230	115
Frequency (Hz)	50/60	
Current (A)	0.35/0.43	0.32/0.41
Power (W)	75/98	72/98
Speed (r/min)	2650/3000	2650/2950
Air Flow (m ³ /h)	800/900	850/970
Noise (dB)	63	
House material	Die-cast aluminum	
Impeller material	Sheet steel, painted black	Magnesium alloys
Operating temperaturet	-40~+80	
Service life	50000h S1	
Certification	CE, RoHS	
Weight (g)	2570	
IP rating	44	

Ø253.5x90mm

Airflow: **2645m³/h**



F2E-250B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade F

Model	F2E-250B-230
Order number	2018.019
Motor number/type	M2E09202E-AF/Capacitor Start Induction Motor
Bearing	Ball
Voltage (V)	230
Frequency (Hz)	50/60
Current (A)	0.32/0.45
Power (W)	71/100
Speed (r/min)	2650/2935
Air Flow (m³/h)	1125/1245
Noise (dB)	68
House material	Die-cast aluminum
Impeller material	Sheet steel, painted black
Operating temperature	-40 ~ +80
Service life	50000h S1
Certification	CE, RoHS
Weight (g)	2645
IP rating	44

225x225mm

Airflow: **925~1050m³/h**



F2E-260B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade F

Model	F2E-260B-230	F2E-260B-115
Order number	2018.021	2018.022
Motor number/type	M2E09201A-AF/Capacitor Start Induction Motor	M2509201A-AF/Capacitor Start Induction Motor
Bearing	Ball	Ball
Voltage (V)	230	115
Frequency (Hz)	50/60	50/60
Current (A)	0.32/0.30	0.58/0.60
Power (W)	64/71	67/71
Speed (r/min)	2650/2935	2500/2750
Air Flow (m³/h)	925/1050	925/1000
Noise (dB)	63/61	62/64
House material	Die-cast aluminum	Die-cast aluminum
Impeller material	Sheet steel, painted black	Sheet steel, painted black
Operating temperature	-40 ~ +80	-40 ~ +80
Service life	50000h S1	50000h S1
Certification	CE, RoHS	CE, RoHS
Weight (g)	2200	2200
IP rating	44	44

280x280mm

Airflow: **1720/1800m³/h**



F2E-320B-230

- **Frame** Aluminum alloy die-casting, surfaces is finished by black anti-corrosion treatment.
- **Insulation Grade** Design according to IEC61858 Grade B

Model	F2E-320B-230	F2E-320B-115
Order number	2018.023	2018.024
Motor number/type	M2E09202A-AF/Capacitor Start Induction Motor	M2509202A-AF/Capacitor Start Induction Motor
Bearing	Ball	Ball
Voltage (V)	230	115
Frequency (Hz)	50/60	50/60
Current (A)	0.50/0.70	1.00/1.20
Power (W)	119/153	105/125
Speed (r/min)	2450/2670	2560/2850
Air Flow (m³/h)	1720/1800	1720/1800
Noise (dB)	68/70	68/70
House material	Die-cast aluminum	Die-cast aluminum
Impeller material	Sheet steel, painted black	Sheet steel, painted black
Operating temperature	-40 ~ +80	-40 ~ +80
Service life	50000h S1	50000h S1
Certification	CE, RoHS	CE, RoHS
Weight (g)	2900	2900
IP rating	44	44