

EBM-PAPST AC & DC Flatpaks® and Motorized Impellers **ebmpapst**

S-FORCE RADIAL BLOWERS

RL48DC Series

- 3-phase fan drive with high degree of smooth operation
- Fiberglass-reinforced plastic impeller
- High pressure build-up
- Fully integrated electronic commutation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ebm-papst Part No.	Fig.	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each				
										1	10	25	50	
Size: Dimensions (mm) ø120 L x 54mm W														
5912-RER120-26142TDP	RER120-26/14/2TDP	A	24	221.9	78.0	6100	8.2	75	Ball	160.07	146.41	143.42	135.15	
Size: Dimensions (mm) ø133 L x 91mm W														
5912-RER133-41182TDP	RER133-41/18/2TDP	A	48	332.4	87.0	6000	8.25	65	Ball	217.45	189.94	180.20	167.33	
Size: Dimensions (mm) ø175 L x 69mm W														
5912-RER17542182DML	RER175-42/18-2DML	A	48	353.0	42.0	3400	7.3	65	Ball	170.15	164.00	159.03	154.35	
Size: Dimensions (mm) ø175 L x 69mm W														
5912-RER175-42182TDP	RER175-42/18/2TDP	A	48	576.8	166.0	5400	8.5	65	Ball	240.10	219.98	206.23	194.10	
Size: Dimensions (mm) ø190 L x 69mm W														
5912-RER190-45182TDP	RER190-45/18/2TDP	A	48	635.7	216.0	4600	7.9	65	Ball	250.50	228.23	223.57	210.67	

DC FLATPAK® RADIAL BLOWERS

RL48DC Series

- Plastic spiral housing & blower
- Electronically commutated external rotor motor
- Termination: 12.2" leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions: mm (L x W)	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RL48-19/12	B	76 x 27	12	16.5	5.0	4400	51.0	70	Ball	35.98	32.09	31.12	29.56
5912-RL48-19/14	B	76 x 27	24	16.5	5.0	4400	51.0	70	Ball	34.48	32.76	30.60	29.09

RL90DC Series

- DC brushless motor
- Mounts in any position for pressurizing or evacuating
- Termination: 12.2" leads

For quantities greater than listed, call for quote.

5912-RL90-18/14N	C	121 x 37	24	24.0	5.0	2500	58.0	75	Ball	58.86	55.36	52.58	49.13
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RLF100 Series

- Plastic housing & blower wheel
- Electronically commutated external rotor motor
- Termination: 12.2" leads
- Protection against overloading & reverse polarity

For quantities greater than listed, call for quote.

5912-RLF100-11/18	D	127 x 25	48	37.7	17.0	5100	60.0	75	Ball	81.88	78.59	75.05	71.64
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AC FLATPAK® RADIAL BLOWERS

- Shallow depth
- Mounts in any position for pressurizing, evacuating, or spot cooling

RL90AC Series

- Termination: 12.2" leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions: mm (L x W)	Volt. (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RL90-18/00	C	121 x 37	115	25	20.0	2550	60.0	60	Sintec	49.83	48.32	45.90	42.88

RG90AC Series

- Termination: 13.4" leads

For quantities greater than listed, call for quote.

5912-RG90-18/06	E	135 x 38	115	28	22.0	1900	60.0	65	Ball	55.00	52.47	46.43	43.66
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RG160AC Series

- Termination: 12.8" leads

For quantities greater than listed, call for quote.

5912-RG160-28/06S	F	220 x 56	115	131	50.0	3050	69.0	80	Ball	126.18	115.51	109.59	97.74
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DC MOTORIZED IMPELLERS

R1G133 Series

- DC brushless
- Termination: 17.7" leads
- Recommended inlet ring 9566-2-4013
- Plastic impeller

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions: mm (L x W)	Volt. (VDC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-R1G133-AA17-02	G	ø133 x 60 Round	24	212	28.0	3900	63.0	60	Ball	196.78	190.82	181.28	169.35

AC MOTORIZED IMPELLERS

RERAC Series

- Termination: 16.7" leads

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Dimensions: mm (L x W)	Voltage (VAC)	Airflow (CFM)	Power (W)	Speed (RPM)	Noise dB(A)	Max. Temp. (°C)	Bearing Type	Price Each			
										1	5	10	25
5912-RER160-28/06S	G	ø176 x 54	115	161	46.0	3250	68.0	70	Ball	110.19	98.28	95.31	90.53

R2E220 Series

- Termination: 17.7" leads
- Recommended inlet ring 9609-2-4013

For quantities greater than listed, call for quote.

5912-R2E220-AA44-23	G	ø220 x 71	115	500	96.0	2700	70.0	40	Ball	99.11	91.26	86.51	77.66
5912-R2E-220-AA40-23	G	ø220 x 71	230	530	100.0	2550	74.0	40	Ball	99.11	91.26	86.51	77.66

ACCESSORIES - INLET RINGS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Impeller Number	Dimensions (in.) Max.			Price Each		
			A	B	C	1	10	25
5912-9566-2-4013	H	133	5.08	3.43	0.51	7.19	6.88	6.53
5912-9588-2-4013	H	175, 180, 190	7.28	5.12	0.67	10.89	10.31	10.02
5912-9609-2-4013	H	220	9.96	6.10	0.79	18.03	16.50	14.99

