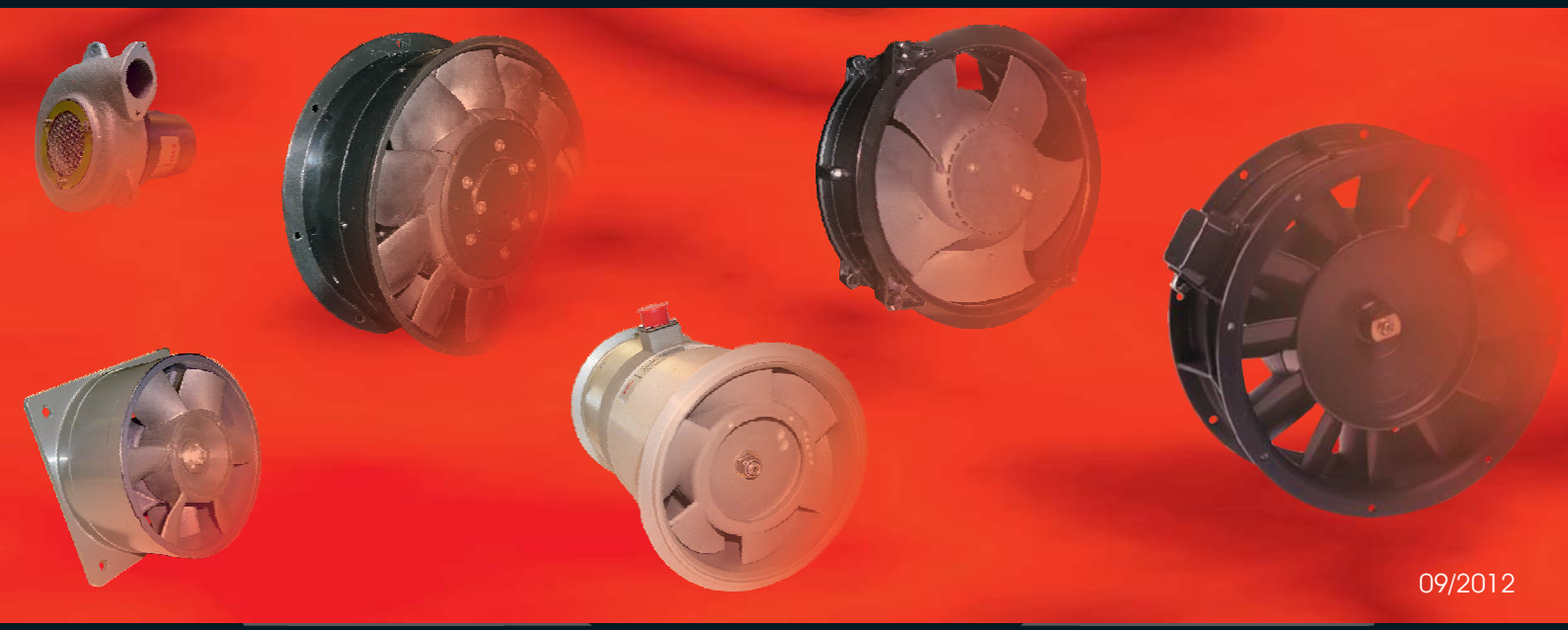
ETRI®

400 HERTZ FANS
&
HIGH PERFORMANCE FANS



09/2012

ECOFIT
ETRI
rosenberg®
THE AIR MOVEMENT GROUP

We are proud to form a part of the ROSENBERG family:



Rosenberg Ventilatoren GmbH
Künzelsau, Germany



ECOFIT S.A.
Vendôme, France

- **Technical Expertise & Application Engineering**
- **Outstanding Customer Service**
- **Design Flexibility & Custom Fan/Motor Equipment**
- **Stock Fans for Immediate Shipment**
- **Accessory Products & Controls**
- **Value Added Fabrication**

Visit ETRI on line at : www.etrinet.com

CONTENTS

Catalogue data
Technical guide

400 Hz Fans	Page
Ø 56 x 38 mm	 1
Ø 66,6 x 38 mm	 2
80 x 80 x 50 mm	 3
88 x 88 x 25 mm	 4
92 x 92 x 25 mm	 5
92 x 92 x 38 mm	 6
Ø 94 x 70 mm	 7
113 x 113 x 88,5 mm	 8
120 x 120 x 25 mm	 9
120 x 120 x 38 mm	 10
Ø 149,2 x 228,5 mm	 11
172 x 150 x 28 mm	 12
Ø 180 x 87 mm	 13
Ø 180 x 104 mm	 14
Ø 239,5 x 109 mm	 15
Ø 320 x 214 mm	 16
92 x 102 x 98,5 mm	 17

DC High performance Fans	Page
107 x 80 x 60 mm	 18
200 x 70 mm	 19
Ø 239,5 x 151 mm	 20
Ø 239,5 x 157 mm	 21
Ø 350 x 263 mm	 22
AC High performance Fans	
Ø 130 x 64,5 mm	 23
Ø 180 x 87 mm	 24
Ø 180 x 180 mm	 25
Ø 239,5 x 85 mm	..... 26/27
Ø 239,5 x 181 mm	..... 28/29
Ø 290 x 76,5 mm	 30
Ø 350 x 158 mm	..... 31/32
Ø 350 x 177 mm	 33
Ø 350 x 254 mm	 34
Ø 350 x 274 mm	 35

The following data tables give the main characteristics of our standard fans ; for detailed information or specific request, contact our local sales team.

ECOFIT ETRI rosenberg® THE AIR MOVEMENT GROUP

Catalogue data

In this 400 Hz and High Performance Fans catalogue, we offer models which are in general use.
Our standard product range includes many other versions with variations in supply voltage and speed.
Specific fans are available and can be made to customers specification.
Our application engineers work constantly with our customers specification to offer the best fan selection..
In this way, many special units are produced both for commercial and military applications.
Our test laboratories in Vendôme (France) are available for customers to test their prototype equipment in order to determine the optimum cooling solution.

Further ETRI products catalogue:
- AC - DC COMPACT FANS AND ACCESSORIES

All the datasheets are still available on the website:
www.etrinet.com

ELECTRICAL, AERODYNAMIC AND INDUSTRIAL DATA

The following information can be found in the data tables:
- Nominal voltages and voltage range
- Rated speed which is an approximate value of the fan speed operating at free air
- Power consumption and line current at free air
- Maximum static pressure corresponding to the pressure at no flow condition
- Maximum air delivery corresponding to airflow at no static pressure value
- Total noise level in decibels from the equilibrium curve A measured 1 meter from the air inlet, the fan operating in free air.

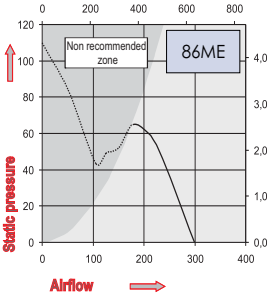
AERODYNAMIC CURVES

The aerodynamic graphs are constructed using a test chamber and method described in CCTU Standard 18.10. They are drawn up for an air density of 1,2 kg/m³.

CONDITIONS OF USE

Unstable operating zone for ETRI 400 Hz fans

Many axial flow fan characteristics have a "stall point", also referred to as the "non recommended zone" or "pumping zone". It is recommended that fans should not be allowed to operate around the fan stall point otherwise there are serious risks of:



- impeller speed fluctuation causing mechanical instability
- increased motor temperature rise, especially on the bearings
- increased noise and vibration levels
- destruction of the motor mountings, motor bearings, and the fan impeller.

Some small diameter fans may be operated around the stall point, or at higher pressures and lower flow rates, but strictly with the written approval of manufacturer ETRI.

EXEMPLE OF CODIFICATION FOR 400Hz FANS

106 ZA 05 60 XXX

- Series code
- Speed
- Mechanical (flange position)
- Voltage: 60 = 200V 400Hz; 62 = 115V 400Hz

EXEMPLE OF CODIFICATION FOR HIGH PERFORMANCE FANS

62 GP 01 6D XXX

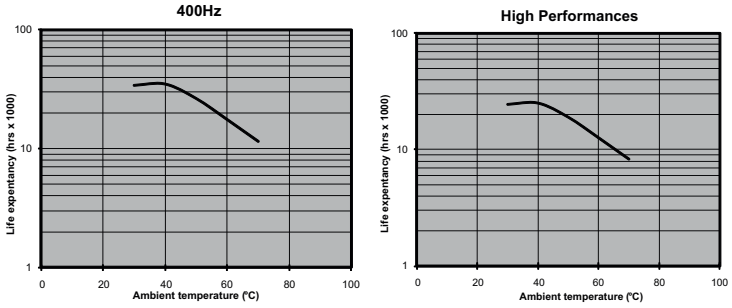
- Series code
- Speed
- Mechanical
- Voltage: AC 6D = 220 - 380VAC; 61 = 220VAC; 62 = 115VAC; 6Y = 440VAC
  DC C6 = 24VDC; E6 = 28VDC; F6 = 48VDC; G6 = 72VDC; H6 = 110VDC

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

Technical guide

LIFE EXPECTANCY

The mechanical and electrical design, the choice of materials, and the high level of inspection give our fans excellent reliability. Special attention is given to bearings, both in design and production, i.e.:
choice of bearings and lubricants, accurate machining, strict alignment, very careful balancing and inspection of 100 % of finished fans.
Life expectancy is calculated on a L-10 basis.
The following curves describe the life expectancy of the fans at a given temperature, after which 90 % of them are still operating.



OPTIONS

DEGREES OF PROTECTION - IP

ETRI supplies a full range of AC and BDC fans offering high level of protection against dust or water.
Most of our standard models, and all our high performance fans are available with protection for use in specific conditions, up to IP55 environments.

SPEED SENSORS AND ALARMS

Most ETRI DC and AC Fans feature a speed sensor that detects number of pulses per revolution, or a rotation detector (on/off signal) which indicates if the fan works correctly.

ETRI provides also a full range of alarm boxes (relay and dry contact) to read directly the signal of the speed sensor or alarm output.

TOLERANCES

The values shown in the data tables and the various curves have been measured from standard design equipment and should be considered nominal.
Without particular specifications, we accept the tolerances given at the beginning of each catalogue.
Drawings: without particular specifications, we accept a tolerance of ± 1 mm.

TOLERANCES FOR 400Hz FANS (Indicative values)

Speed / airflow	+/- 4 %
Static pressure	+/- 8 %
Input power	+/- 10 %
Current	+/- 10 %
Voltage	+/- 5 %

TOLERANCES FOR HIGH PERFORMANCE FANS (Indicative values)

AC Fans

Speed / airflow	+/- 4 %
Static pressure	+/- 8 %
Input power	+/- 10 %
Current	+/- 10 %
Voltage	+/- 10 %

DC Fans

Speed / airflow	+/- 6 %
Static pressure	+/- 12 %
Input power	+/- 15 %
Voltage	See voltage range on each technical datasheet

Important notice !

About fans performance:
Values indicated in this catalogue are based on free delivery (no pressure value) and shutoff (no flow condition).

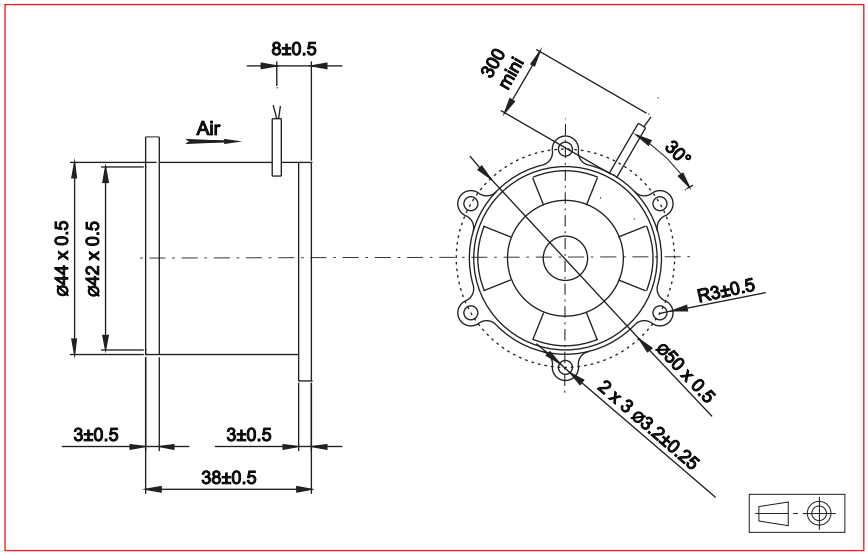
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Ø 56 x 38 mm

149ZG

ETRI®

400 Hz Fans





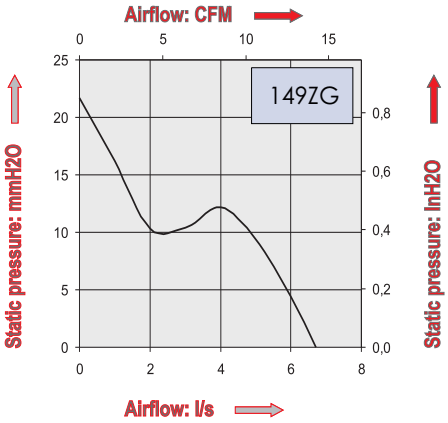
Approvals

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 140 g
Bearing system: ball bearings

Connection: flying leads

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
149ZG0562005	115	6,7	14,2	52,5	11500	3		9	96	208	-20	85
149ZG0560005	200	6,7	14,2	52,5	11500	3		9	55	120	-20	85

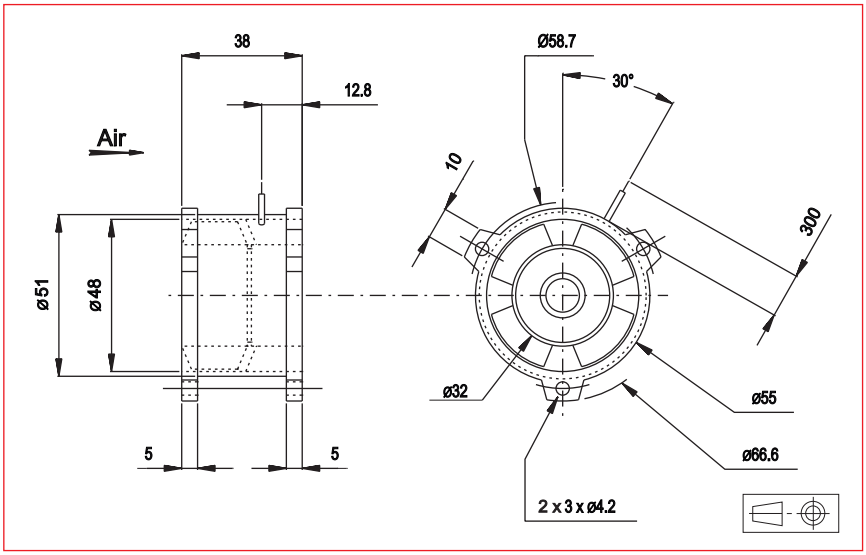
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI Series 106Z — Ø 66,6 x 38 mm

400 Hz Fans





Approvals

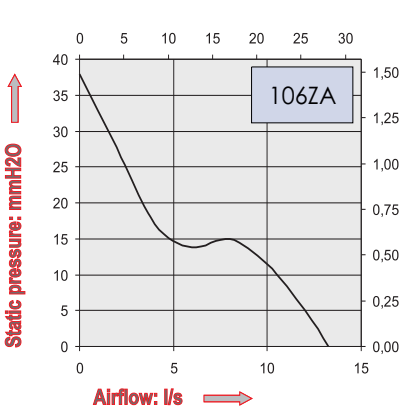
NATO codification (not on all part numbers, please consult the factory for more detailed information)

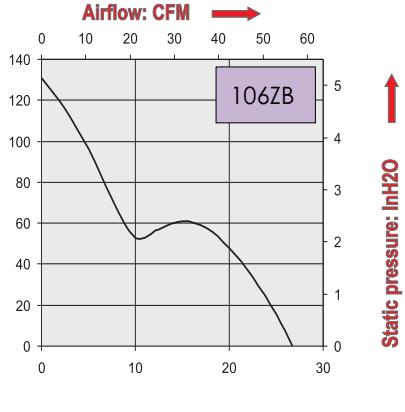
Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 170 g
Bearing system: ball bearings

Connection: flying leads





Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
106ZA0562C13	115	13	27,5	51	11500	3		15	160	350	-10	70
	115	13	27,5	51	11500	1	0,47	15	180	350	-10	70
106ZA0560C13	200	13	27,5	51	11500	3		15	95	205	-10	70
	200	13	27,5	51	11500	1	0,15	15	105	205	-10	70
106ZB0562C13	115	27	57,2	72	22700	3		42	335	1250	-10	70
106ZB0560C13	200	27	57,2	72	22700	3		42	195	720	-10	70
	200	27	57,2	72	22700	1	0,32	43	215	455	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Thermally protected
Marine specifications - Wide temperature range

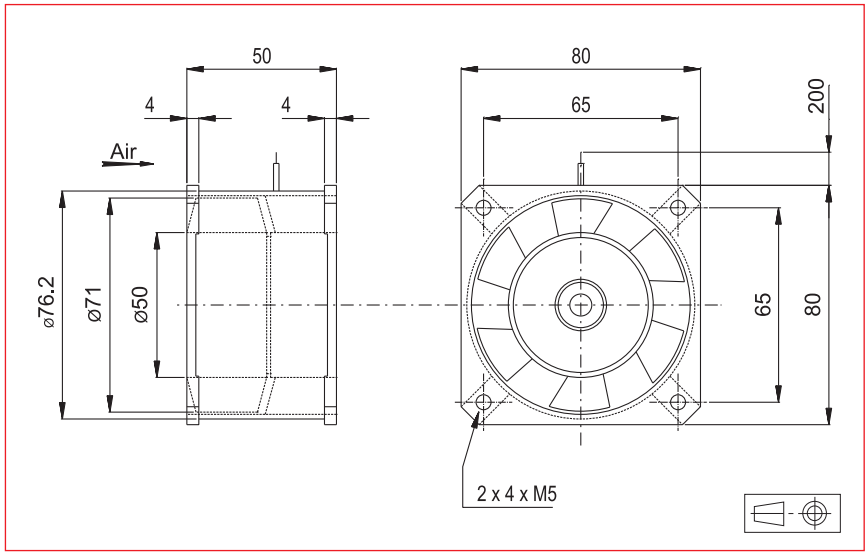
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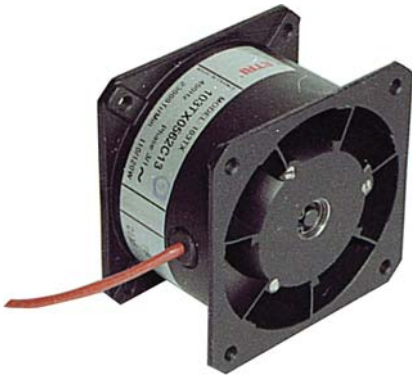
80 x 80 x 50 mm

Series 103T - 82T

ETRI®

400 Hz Fans





Approvals

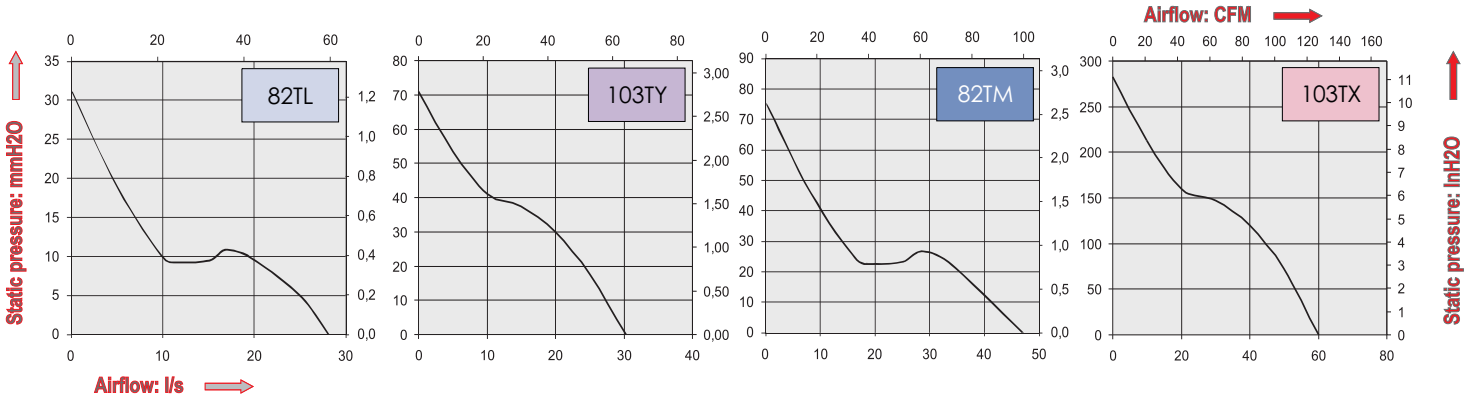
NATO codification (not on all part numbers, please consult the factory for more detailed information)

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 480 g
Bearing system: ball bearings

Connection: flying leads

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
82TL0562C13	115	29	61,4	59	7200	3		25	225	475	-10	70
	115	28	59,3	59	7050	1	0,69	24	245	370	-10	70
82TL0560C13	200	29	61,4	59	7200	3		25	130	275	-10	70
	200	28	59,3	59	7050	1	0,22	24	140	210	-10	70
103TY0562C13	115	30	63,6	65	11400	3		19	160	460	-10	70
	115	30	63,6	65	11400	1	0,69	21	180	390	-10	70
103TY0560C13	200	30	63,6	65	11400	3		19	95	270	-10	70
	200	30	63,6	65	11400	1	0,22	21	105	230	-10	70
82TM0562C13	115	47	99,6	68	11200	3		67	500	1400	-10	70
	115	47	99,6	68	11200	1	2,2	72	630	1100	-10	70
82TM0560C13	200	47	99,6	68	11200	3		67	360	1400	-10	70
	200	47	99,6	68	11200	1	0,69	72	500	1100	-10	70
103TX0562C13	115	60	127,1	80	23000	3		110	690	3300	-10	70
	115	60	127,1	80	23000	1	3,2	120	1050	2800	-10	70
103TX0560C13	200	60	127,1	80	23000	3		110	400	1900	-10	70
	200	60	127,1	80	23000	1	1	120	580	1600	-10	70

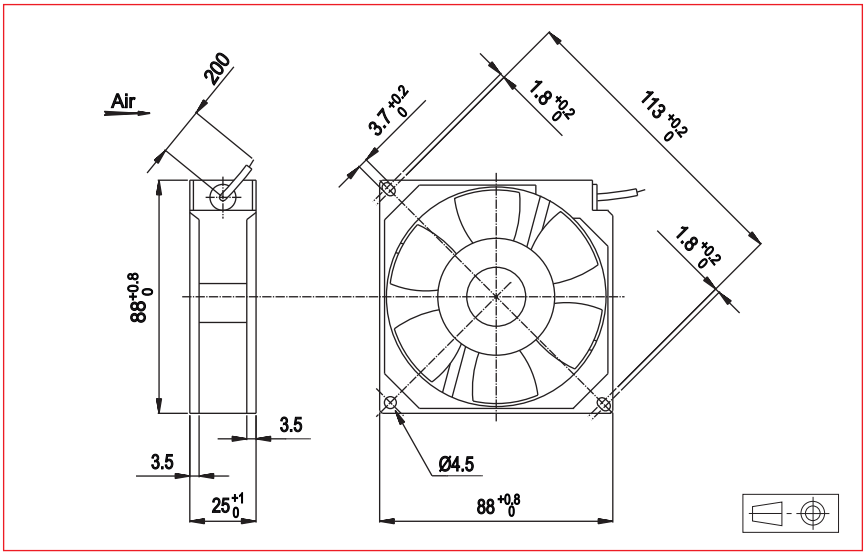
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications-
Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI 110VU — 88 x 88 x 25 mm

400 Hz Fans





Approvals

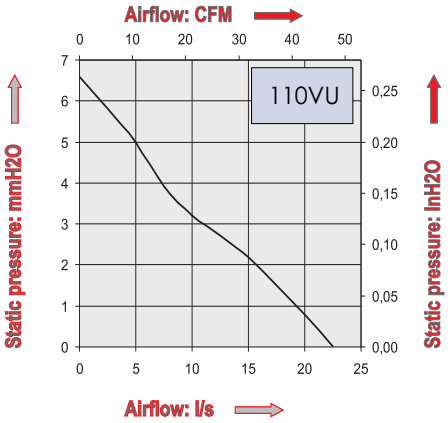
NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
35 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: plastic
Weight: 200 g
Bearing system: ball bearings

Connection: flying leads



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
110VU0162001	115	22,5	47,7	43	3300	1	0,47	14	130	140	-10	70
110VU0160001	200	22,5	47,7	43	3300	1	0,15	14	75	80	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Impedance protected - Marine specifications - Wide temperature range

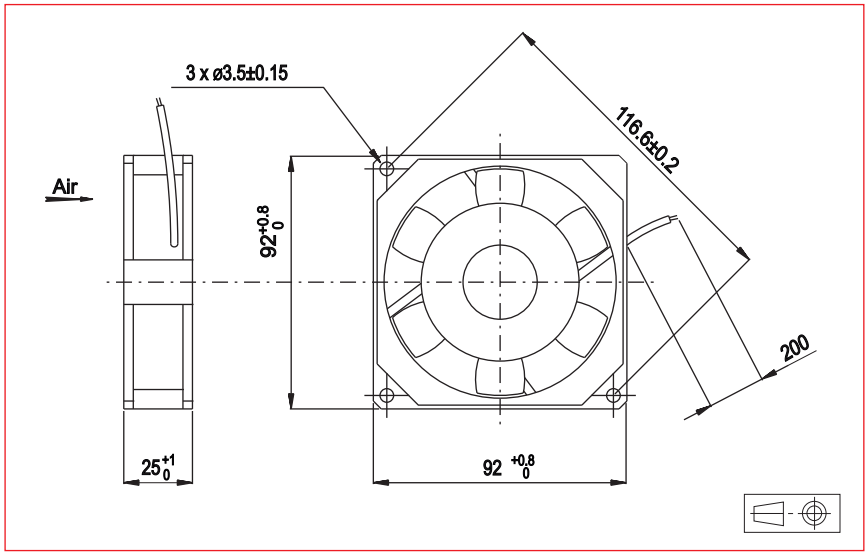
Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

92 x 92 x 25 mm

99XV

ETRI®

400 Hz Fans





400 Hz Motor
Housing material: zamak
Impeller material: plastic UL 94 VO
Weight: 390 g
Bearing system: ball bearings

Connection: flying leads

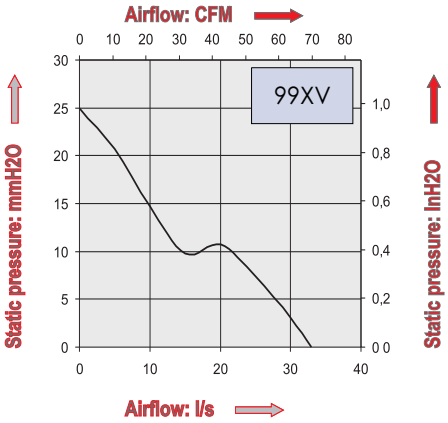
Available with:
- Speed sensor

Approvals

NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
35 000 hours



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
99XV0162001	115	33	70	55	5500	3		14	130	280	-10	70
	115	33	70	55	5500	1	0,47	14	145	225	-10	70
99XV0160001	200	33	70	55	5500	3		14	75	160	-10	70
	200	33	70	55	5500	1	0,15	14	85	130	-10	70

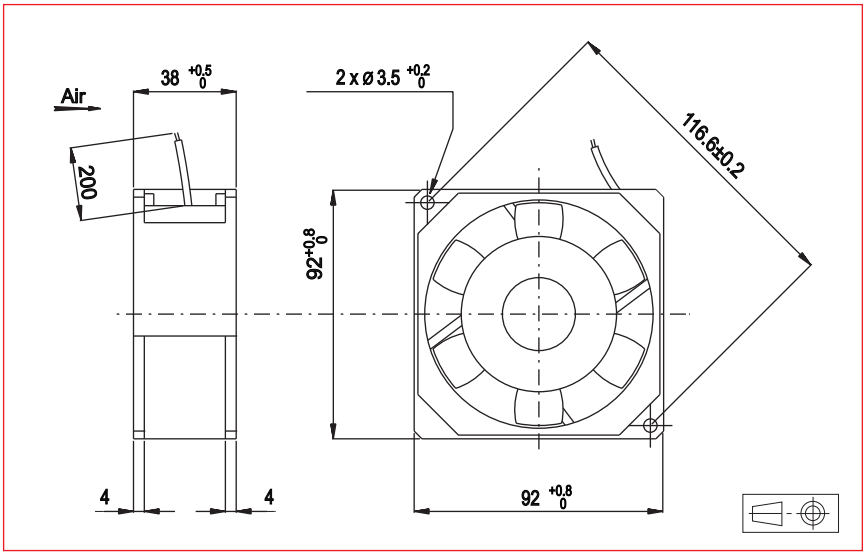
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI 113XP — 92 x 92 x 38 mm

400 Hz Fans





Approvals

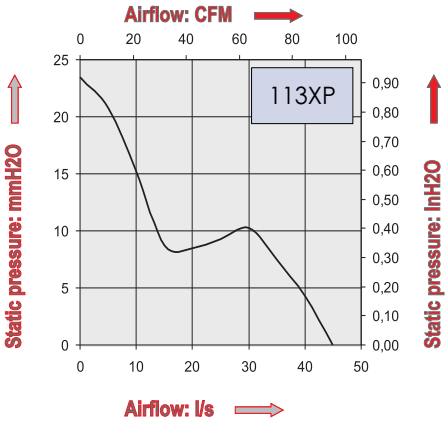
NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
35 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: plastic UL 94 VO
Weight: 480 g
Bearing system: ball bearings

Connection: flying leads



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
113XP0162001	115	45	95,3	58	5500	3		19	180	435	-10	70
	115	45	95,3	58	5500	1	0,69	20	200	350	-10	70
113XP0160001	200	45	95,3	58	5500	3		19	105	250	-10	70
	200	45	95,3	58	5500	1	0,22	20	110	200	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range

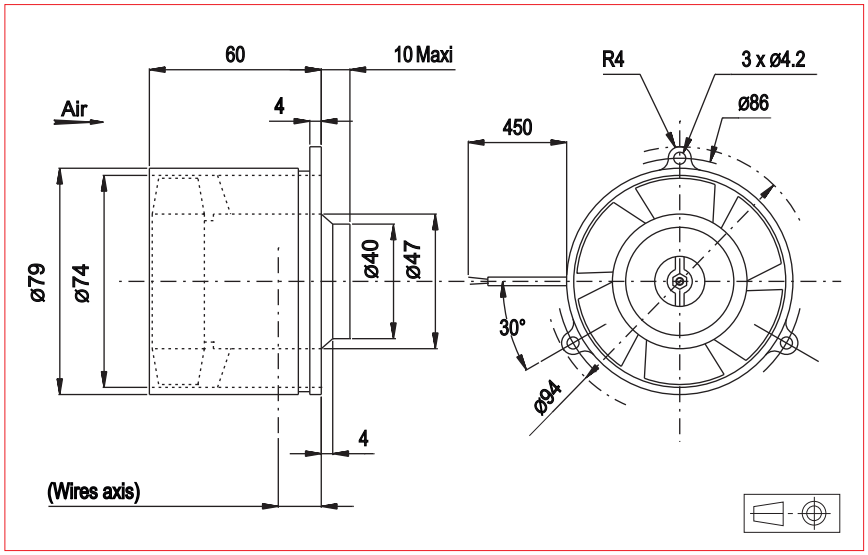
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Ø 94 x 70 mm

139BM

ETRI®

400 Hz Fans





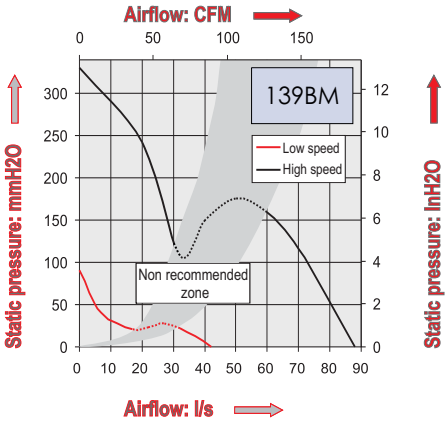
Approvals

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 610 g
Bearing system: ball bearings

Connection: flying leads

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
139BM0460005	200	42	89	67	11500	3		55	450	1500	-40	90
		88	186,5	83	23000	3		200	1000	5200	-40	90

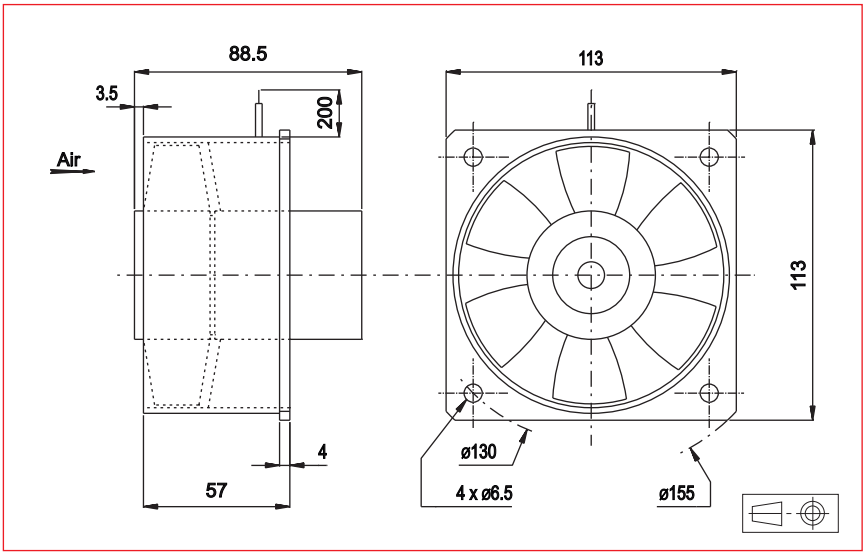
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI Series 80T — 113 x 113 x 88,5 mm

400 Hz Fans





Approvals

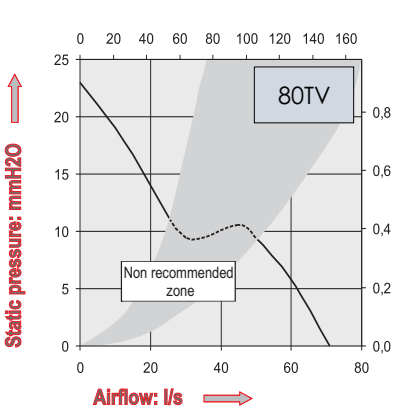
Life expectancy

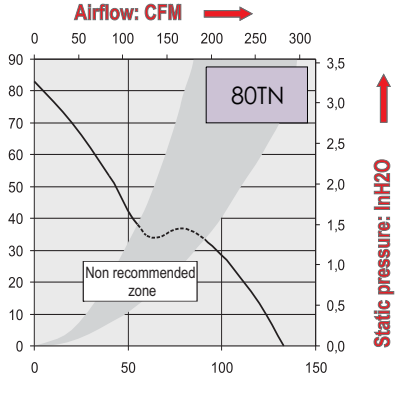
L-10 LIFE AT 40°C:
25 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 940 g
Bearing system: ball bearings

Connection: flying leads

Available with:
- Round Housing





Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
80TV0562C13	115	71	150,5	61	5200	3		52	435	645	-10	70
	115	71	150,5	61	5200	1	1,47	47	445	540	-10	70
80TV0560C13	200	71	150,5	61	5200	3		52	250	370	-10	70
	200	71	150,5	61	5200	1	0,47	47	255	310	-10	70
80TN0562C13	115	135	286	76	9700	3		153	1150	2800	-10	70
	115	135	286	76	9700	1	4,7	147	1400	2350	-10	70
80TN0560C13	200	135	286	76	9700	3		153	650	1600	-10	70
	200	135	286	76	9700	1	1,47	147	785	1350	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range

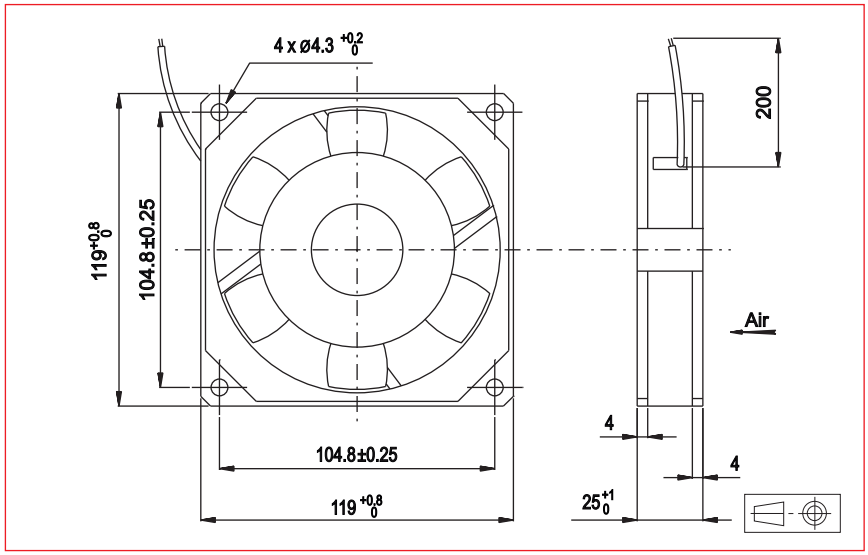
Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

120 x 120 x 25 mm

Series 98X

ETRI®

400 Hz Fans





Approvals

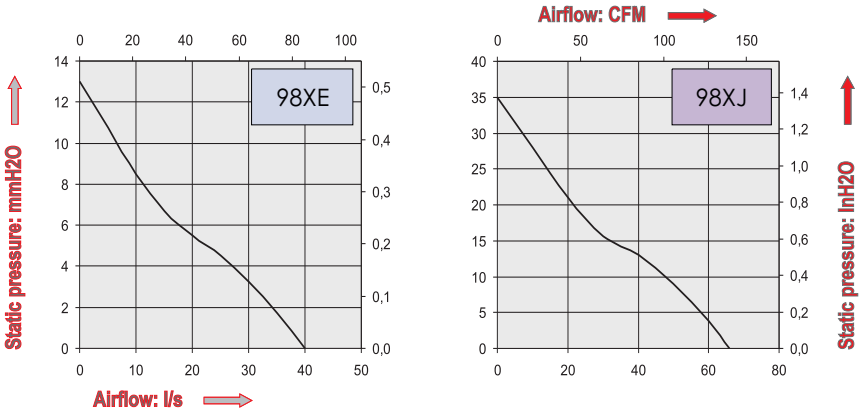
NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
35 000 hours

400 Hz Motor
Housing material: zamak
Impeller material: plastic UL 94 VO
Weight: 500 g
Bearing system: ball bearings

Connection: flying leads



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
98XE0162001	115	40	84,7	52	3500	1	0,15	13	113	135	-10	70
98XE0160001	200	40	84,7	52	3500	1	0,05	13	70	80	-10	70
98XJ0162001	115	66	139,8	65	5500	3		30	310	490	-10	70
	115	66	139,8	65	5500	1	1	30	310	610	-10	70
98XJ0160001	200	66	139,8	65	5500	3		30	180	280	-10	70
	200	66	139,8	65	5500	1	0,32	30	180	350	-10	70

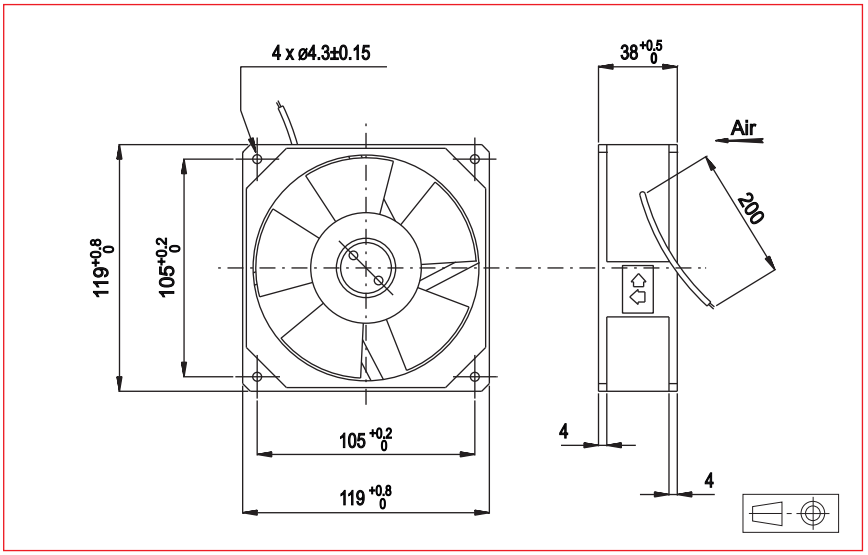
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI Series 125X — 120 x 120 x 38 mm

400 Hz Fans





Approvals

NATO codification (not on all part numbers, please consult the factory for more detailed information)

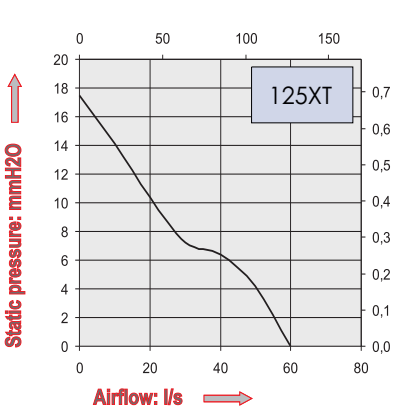
Life expectancy

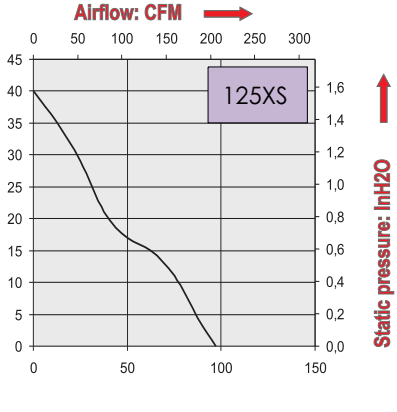
L-10 LIFE AT 40°C:
35 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: plastic UL 94 VO
Weight: 530 g
Bearing system: ball bearings

Connection: flying leads

Available with:
- Speed sensor
- Impedance protection





Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
125XT0162301	115	60	127,1	50	3600	3		15	140	220	-10	70
125XT0162101	115	60	127,1	50	3750	1	0,15	19	170	200	-10	70
125XT0160301	200	60	127,1	50	3600	3		15	75	115	-10	70
125XT0160101	200	60	127,1	50	3750	1	0,05	19	100	120	-10	70
125XS0162001	115	94	199,2	60	5700	3		32	415	1150	-10	70
	115	94	199,2	60	5700	1	1,47	35	365	870	-10	70
125XS0160001	200	94	199,2	60	5700	3		32	240	650	-10	70
	200	94	199,2	60	5700	1	0,47	35	210	500	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Impedance protected - Marine specifications - Wide temperature range

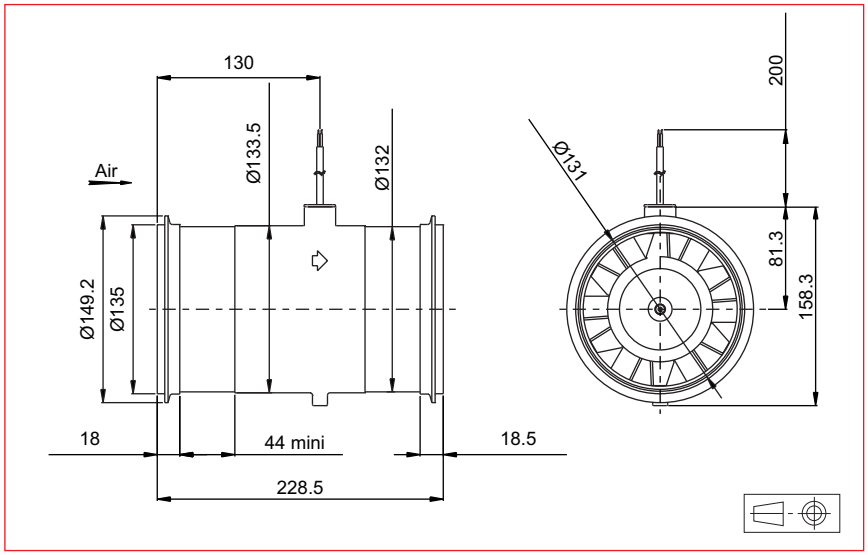
Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

Ø 149,2 x 228,5 mm

155BW

ETRI®

400 Hz Fans





400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 3,6 kg
Bearing system: ball bearings

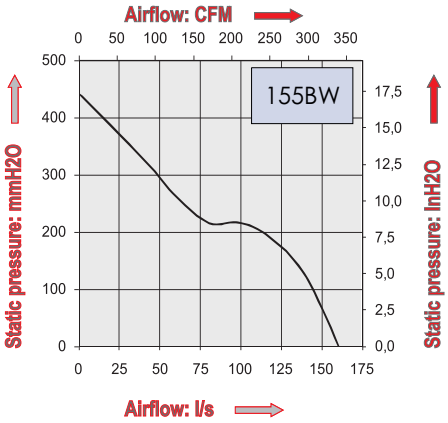
Connection: flying leads

Approvals

NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
155BW1160C13	200	160	339	84	11600	3		350	1600	10000	-50	70

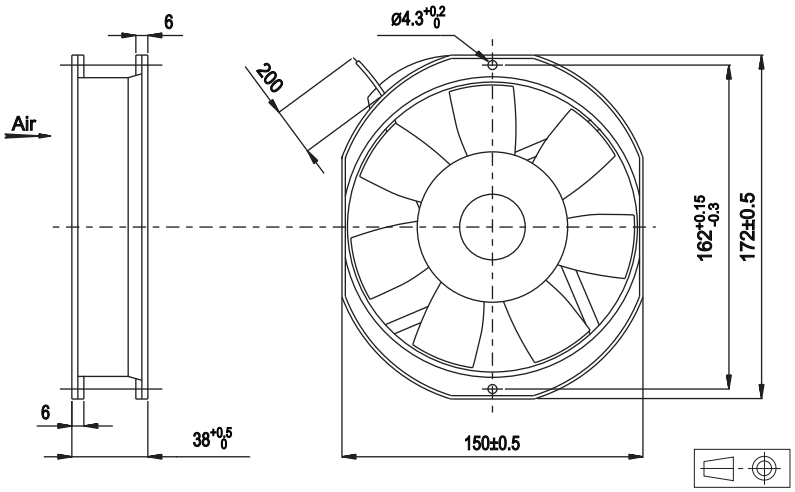
Additional versions:
Salt spray protected - Air specifications

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI 121VY — 172 x 150 x 38 mm

400 Hz Fans





Approvals

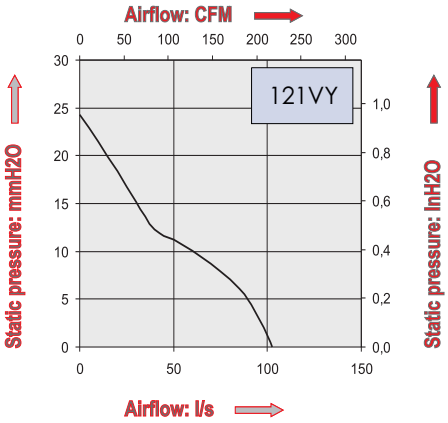
NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
35 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: plastic UL 94 VO
Weight: 775 g
Bearing system: ball bearings

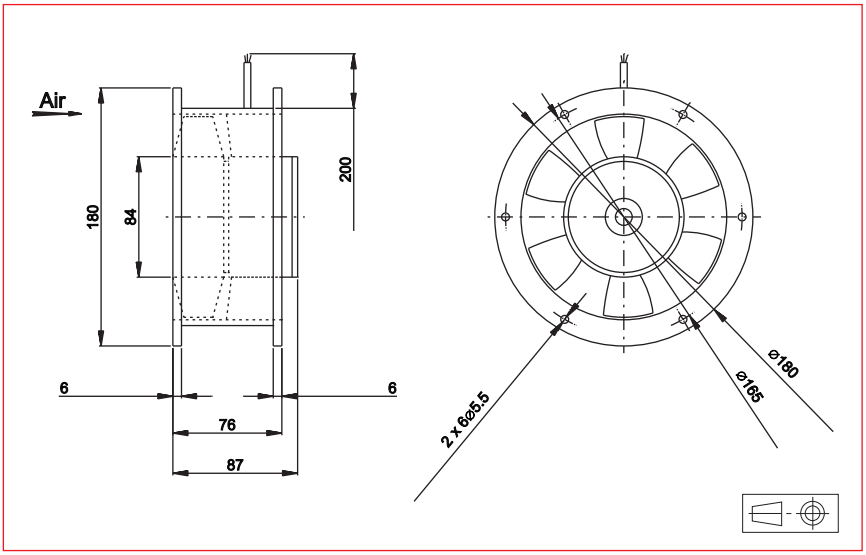
Connection: flying leads



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
121VY0162001	115	103	218,2	62	3750	1	0,32	39	410	550	-10	70
121VY0160001	200	103	218,2	62	3750	1	0,1	39	345	490	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012





Approvals

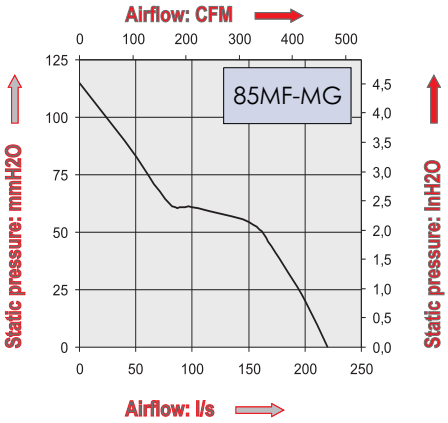
NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 2,1 kg
Bearing system: ball bearings

Connection: flying leads



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
85MF0160C13	200	220	466,2	83	7600	3		205	1100	3600	-10	70
85MF0162C13	115	220	466,2	83	7600	3		205	1900	6200	-10	70
85MG0160C13	200	220	466,2	82	7600	1	1	230	1150	2400	-10	70
85MG0162C13	115	220	466,2	82	7600	1	3,2	230	2000	4000	-10	70

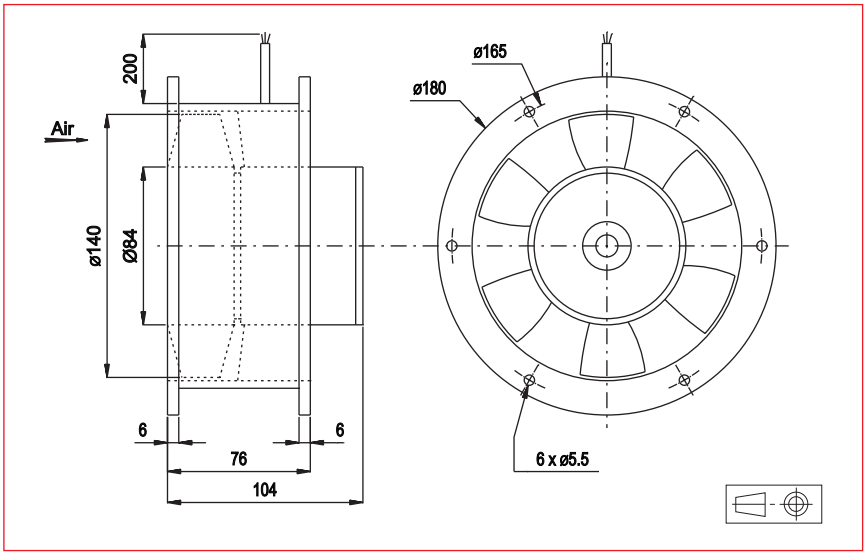
Additional versions:
Salt spray protected - Shock and vibration protected - Thermally protected

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI 86ME 85MB — Ø 180 x 104 mm

400 Hz Fans





Approvals

NATO codification (not on all part numbers, please consult the factory for more detailed information)

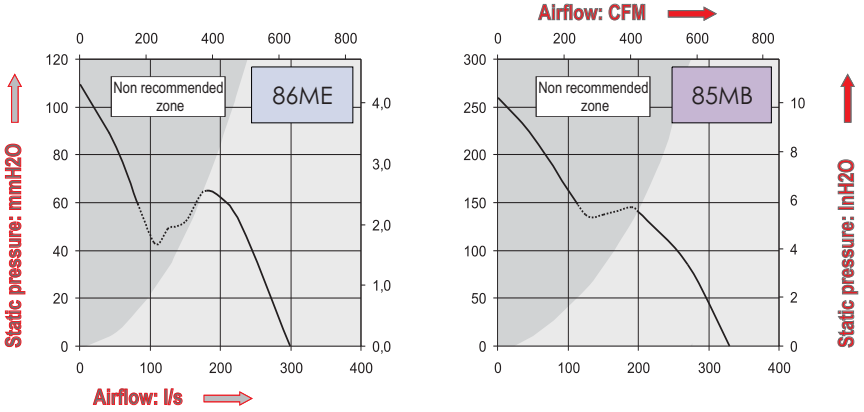
Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 2,6 kg
Bearing system: ball bearings

Connection: flying leads

Available with:
- safety switch
- Single phase (80MZ)



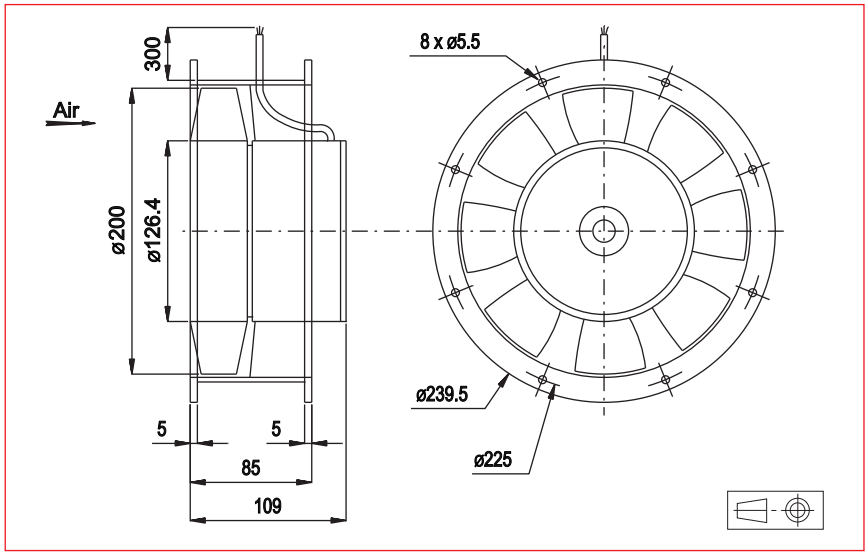
Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
86ME0162C13	115	300	635,7	80	7400	3		400	3700	10000	-10	70
86ME0160C13	200	300	635,7	80	7400	3		400	2100	5700	-10	70
85MB0160C13	200	330	699,3	90	11000	3		660	2750	1100	-10	70
85MB0162C13	115	330	699,3	90	11000	3		660	4800	1900	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Thermally protected - Marine specifications - Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

Ø 239,5 x 109 mm

61BE





Approvals

NATO codification (not on all part numbers, please consult the factory for more detailed information)

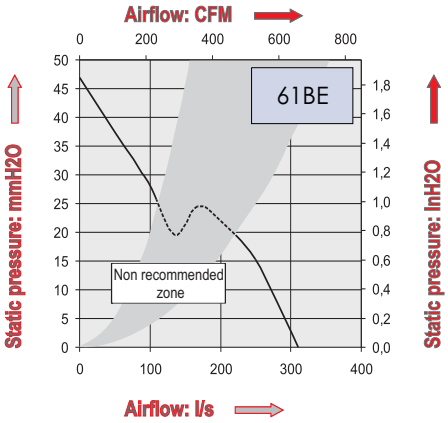
Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 4,7 kg
Bearing system: ball bearings

Connection: flying leads

Available with:
- Safety switch



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
61BE0162C13	115	310	656,9	68	3500	3		126	1800	3650	-10	70
	115	310	656,9	68	3500	1	5,7	134	1450	2800	-10	70
61BE0160C13	200	310	656,9	68	3500	3		126	1030	2100	-10	70
	200	310	656,9	68	3500	1	2	134	840	1600	-10	70

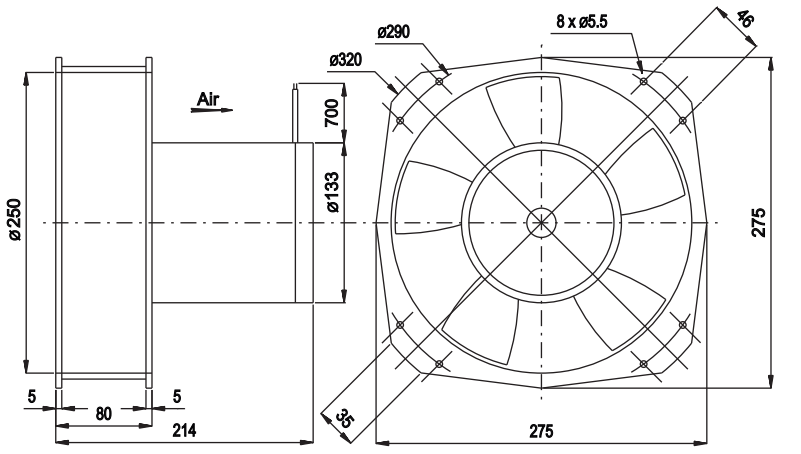
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI 112BC — Ø 320 x 214 mm

400 Hz Fans





Approvals

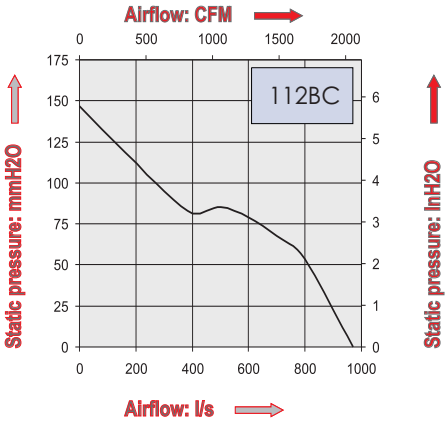
NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

400 Hz Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 9,5 kg
Bearing system: ball bearings

Connection: flying leads



Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
112BC0162C13	115	970	2055,4	85	5500	3		1250	7250	24000	-10	70
112BC0160C13	200	970	2055,4	85	5500	3		1250	4200	14000	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Thermally protected - Marine specifications - Wide temperature range

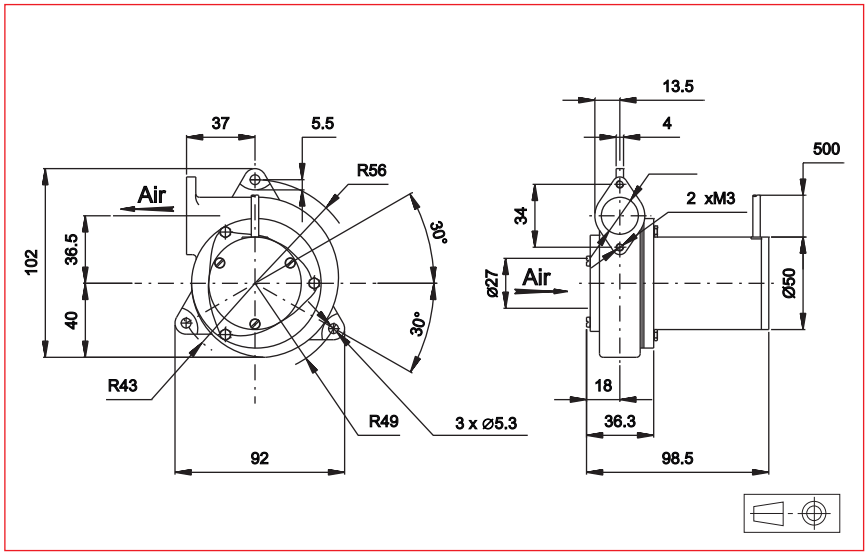
Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

92 x 102 x 98,5 mm

551CTF

ETRI®

400 Hz Fans





400 Hz Motor
Housing material: aluminium
Impeller material: plastic
Weight: 140 g
Bearing system: ball bearings

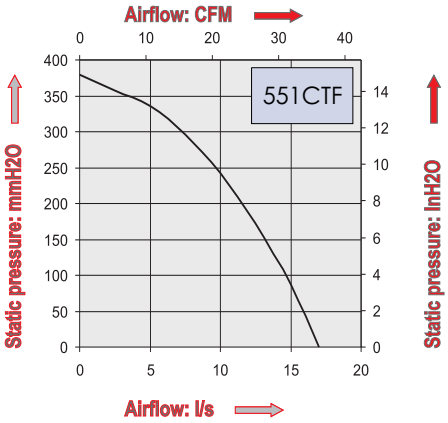
Connection: flying leads

Approvals

NATO codification (not on all part numbers, please consult the factory for more detailed information)

Life expectancy

L-10 LIFE AT 40°C :
25000 hours

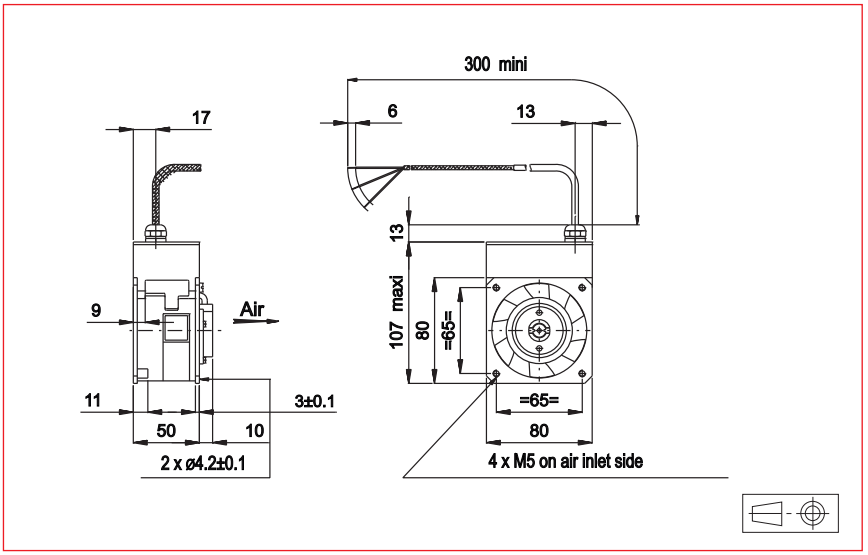


Part Number	Nominal voltage	Airflow		Noise level	Nominal speed	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Operating temperature	
	V	l/s	Cfm	dB(A)	RPM		µF	W	mA	mA	Min.°C	Max.°C
551CTF0062C13	115	17	36	82	23000	3		120	800	4700	-10	70
	115	17	36	82	23000	1	3,2	130	1150	3900	-10	70
551CTF0060C13	200	17	36	82	23000	3		120	465	2700	-10	70
	200	17	36	82	23000	1	1	130	665	2250	-10	70

Additional versions:
Salt spray protected - Shock & Vibration protected
Air specifications - Wide temperature range

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012





Approvals

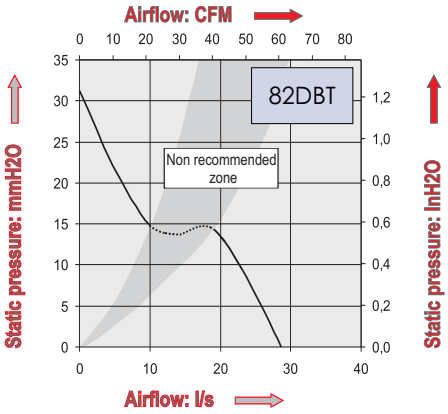
Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

Brushless DC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 1 kg
Bearing system: ball bearings
Wide temperature range

Marine specifications
Salt spray protected
Shock and vibration protected

Available with:
- RoHS approval



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Input Power	Voltage range	Connexion type		Operating temperature	
	V	l/s	dB(A)	RPM	W	V	Leads	Terminals	Min.°C	Max.°C
82DBT05D6000	27	28,7	58	6800	16	(15-32)	X		-25	70

Additional versions:
Other voltages

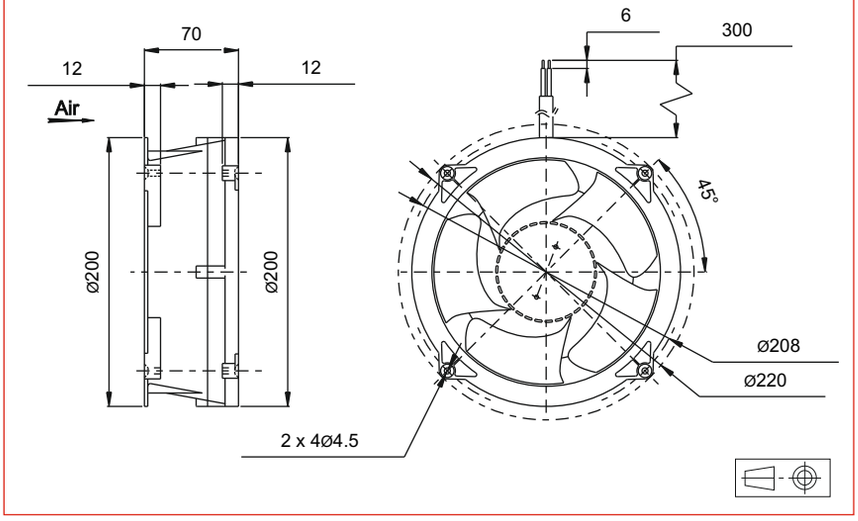
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⌀ 200 x 70 mm

Series 200D

ETRI®

DC High Performance Fans





DC Motor
Housing material: aluminium
Impeller material: plastic UL 94 V0
Weight: 2,5 kg
Bearing system: ball bearings
Shock and vibration protected

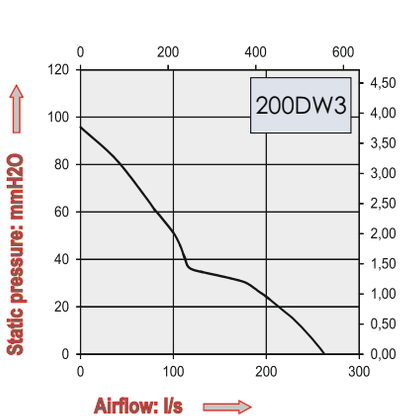
Available with:
- Alarm
- 0-10V speed control (analog or PWM)
- Tachometric output
- Insulated output
- Salt spray protection

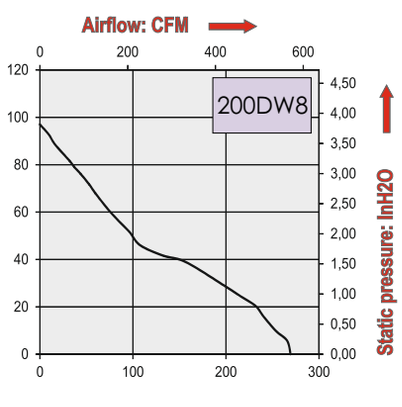
Approvals

CE

Life expectancy

L-10 LIFE AT 40°C:
40 000 hours





Railway specifications:
- IP54 motor
- Locked rotor protection
- Reverse polarity protection
- Microcontroller
- Fire and smokes class
- EN 61373 standard

Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Input Power	Voltage range	Connexion type		Operating temperature	
	V	l/s	dB(A)	RPM	W	V	Leads	Terminals	Min.°C	Max.°C
200DW3LM11000	28	260	74,8	5020	184	(19,6-35)	X		-30	60
200DW8LM11000	110	270	74,8	5190	172	(77-137,5)	X		-30	60

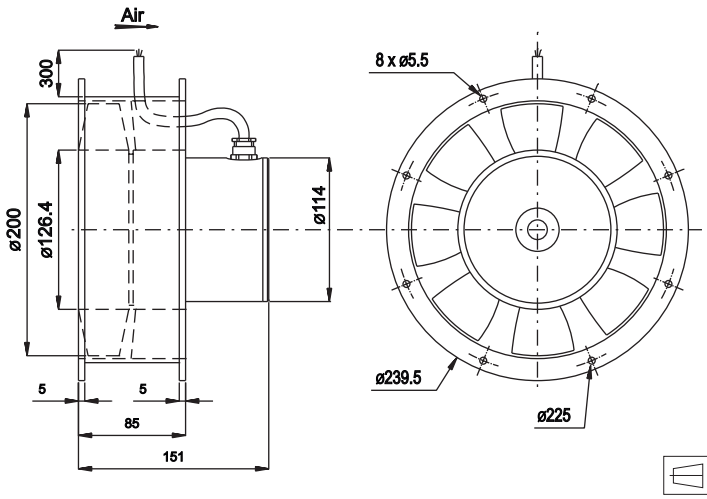
Additional versions:
Other voltages: 48V and 72V
Lower speed on request

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

Ø 239,5 x 151 mm

DC High Performance Fans





Approvals

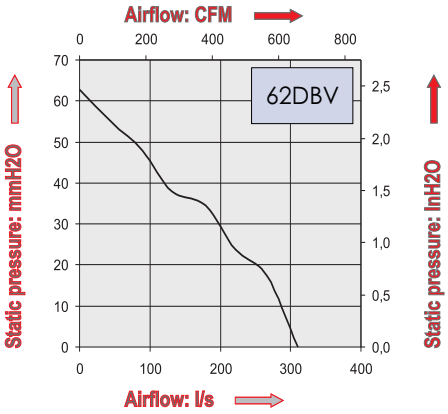
CE

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

Brushless DC Motor
Electrical protection: integrated circuit
Housing material: aluminium
Impeller material: aluminium
Weight: 5,2 kg
Bearing system: ball bearings
Wide Temperature range
Salt spray protected
Shock and vibration protected

Available with:
- Off/On level, Optional outputs
- Variable speed
- RoHS approval
- EN 61373 standard



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Input Power	Voltage range	Connexion type		Operating temperature	
	V	l/s	dB(A)	RPM	W	V	Leads	Terminals	Min.°C	Max.°C
62DBV01F6201	48	310	73,5	4350	120	(42-54)	X		-25	60

Additional versions:
Other voltages (consult factory)
Marine specifications

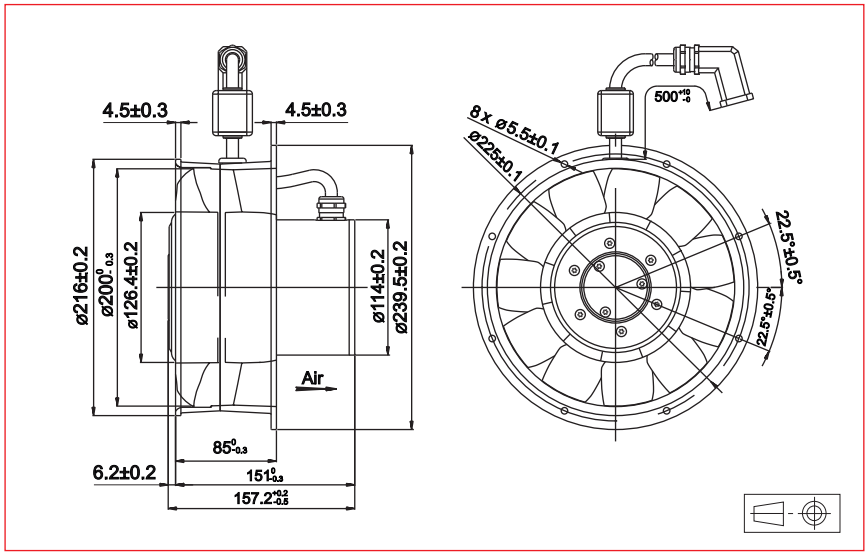
Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

Ø 239.5 x 151 mm

63DBV

ETRI®

DC High Performance Fans





Approvals

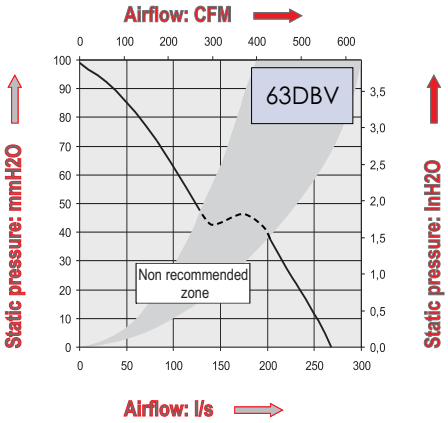
CE

Life expectancy

L-10 LIFE AT 40°C:
40 000 hours

Brushless DC Motor
Electrical protection: integrated circuit
Housing material: aluminium
Impeller material: plastic UL 94 VO
Weight: 5,5 Kg
Bearing system: ball bearings

Available with:
- 0-10V speed control
- Tachometric output
- EN 61373 standard



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Input Power	Voltage range	Connexion type		Operating temperature	
	V	l/s	dB(A)	RPM	W	V	Leads	Terminals	Min.°C	Max.°C
63DBV01E6000	28	268	76	4750	175	(17-33)		X	-25	70

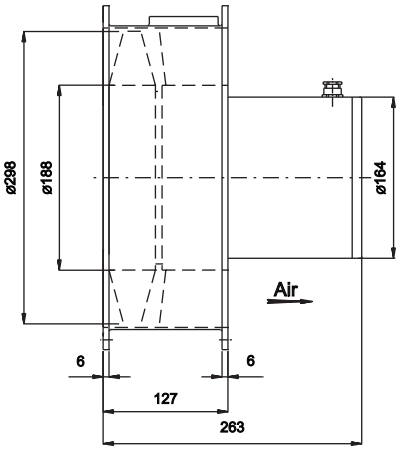
Additional versions:
Salt spray protected - Shock & vibration protected - Fire smoke - IP55

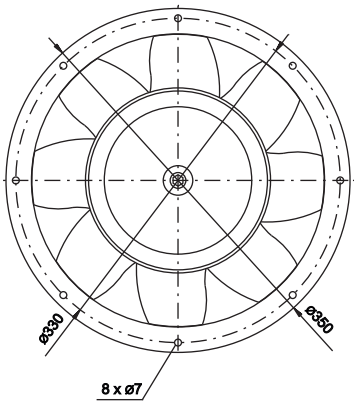
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Ø 350 x 263 mm

DC High Performance Fans







Approvals

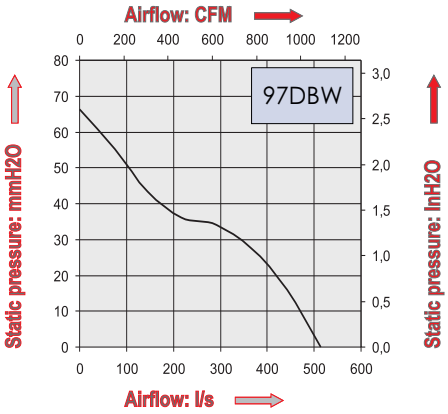
Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

Brushless DC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 14 kg
Bearing system: ball bearings

Wide temperature range
Salt spray protected
Shock and vibration protected

Available with:
- RoHS approval



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Input Power	Voltage range	Connexion type		Operating temperature	
	V	l/s	dB(A)	RPM	W	V	Leads	Terminals	Min.°C	Max.°C
97DBW01C6200	26	514	80,5	3050	200	(16-30)		X	-25	60

Additional versions:
Marine specifications
Flying leads connection

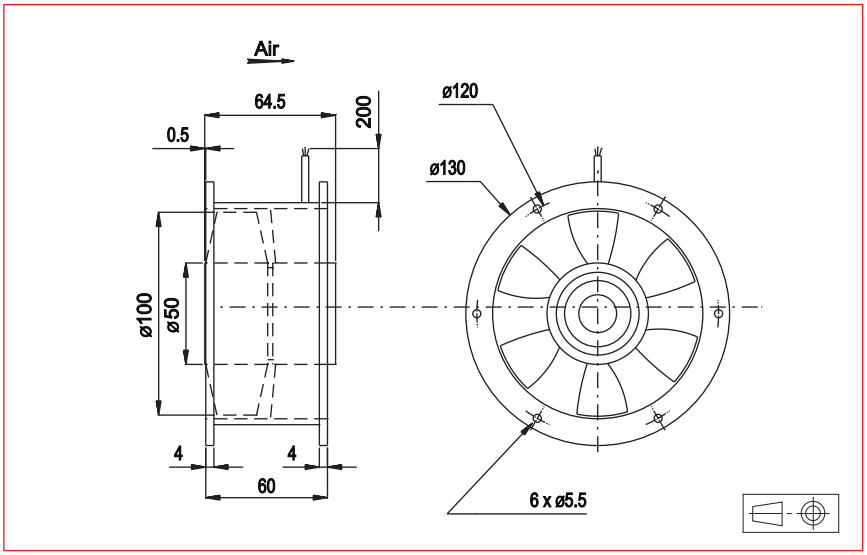
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Ø130 x 64,5 mm

80CE

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AC High Performance Fans





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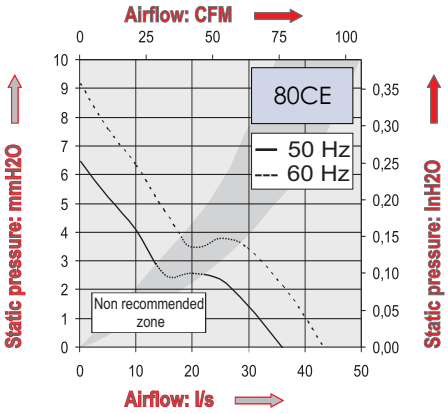
CE, NATO codification

AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 700 g
Bearing system: ball bearings

Available with:
- Square flanges (113x113 mm)

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
80CE0161C13	220	36	45	2900	50	3		23	80	110	X		-10	70
	220	44	49	3400	60	3		18	65	110	X		-10	70
	220	36	45	2900	50	1	1	17	80	105	X		-10	70
	220	44	49	3400	60	1	1	16	75	105	X		-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

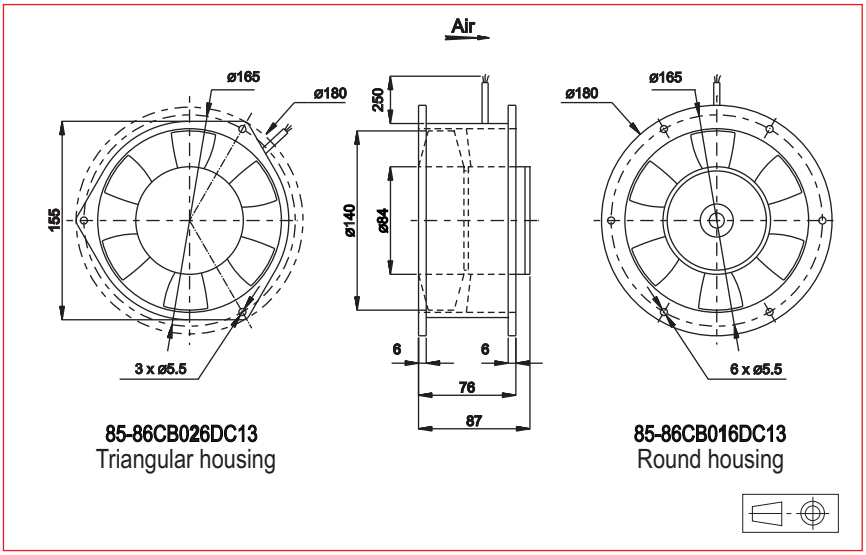
AC High Performance Fans



85-86CB016DC13



85-86CB026DC13



85-86CB026DC13
Triangular housing

85-86CB016DC13
Round housing

Approvals

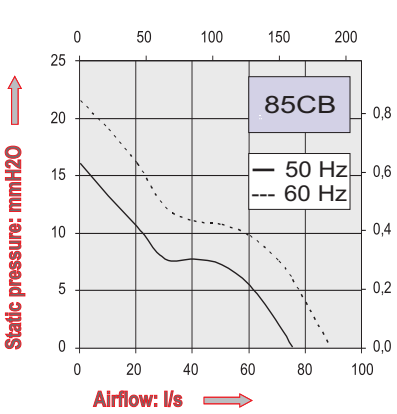
CE, NATO codification

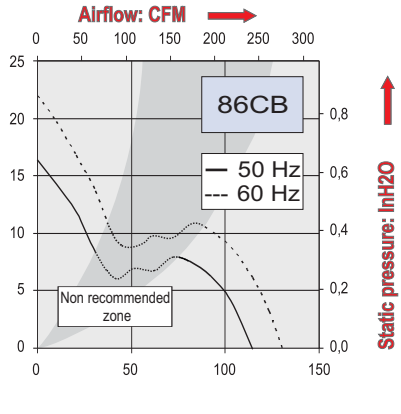
Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor
Housing material: aluminium
Impeller material: plastic
Weight: 2,1 kg
Bearing system: ball bearings

Available with:
- Safety switch
- Aluminium impeller
- Round housing (85-86CB01)
- Triangular housing (85-86CB02)





Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
85CB016DC13/	220	75	57	2850	50	3		20	110	320	X		-10	70
85CB026DC13	380	75	57	2850	50	3		20	65	185	X		-10	70
	220	88	61	3300	60	3		23	95	300	X		-10	70
	380	88	61	3300	60	3		23	55	175	X		-10	70
	220	75	57	2850	50	1	1,47	20	110	260	X		-10	70
	380	75	57	2850	50	1	0,47	20	65	150	X		-10	70
	220	88	61	3300	60	1	1,47	24	115	250	X		-10	70
	380	88	61	3300	60	1	0,47	24	70	145	X		-10	70
86CB016DC13/	220	111	56	2800	50	3		35	170	470	X		-10	70
86CB026DC13	380	111	56	2800	50	3		35	100	275	X		-10	70
	220	127	60	3200	60	3		41	150	440	X		-10	70
	380	127	60	3200	60	3		41	90	255	X		-10	70
	220	111	56	2800	50	1	2,2	34	180	400	X		-10	70
	380	111	56	2800	50	1	0,69	34	105	235	X		-10	70
	220	127	60	3200	60	1	2,2	42	200	375	X		-10	70
	380	127	60	3200	60	1	0,69	42	115	220	X		-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

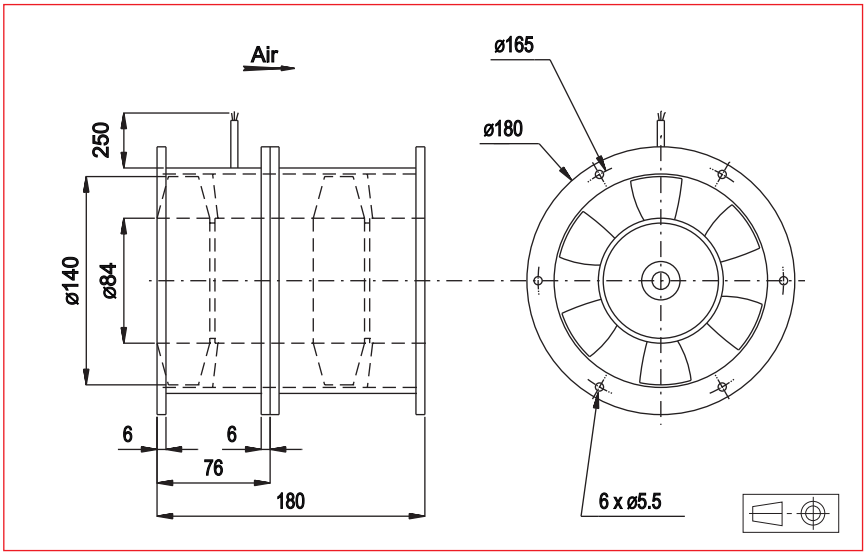
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⌀180 x 180 mm

86CD

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AC High Performance Fans





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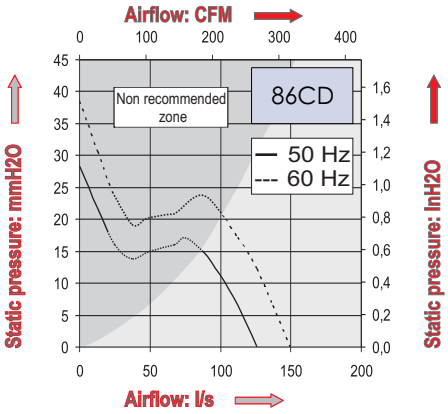
CE, NATO codification

AC Motor
Housing material: aluminium
Impeller material: plastic
Weight: 4 kg
Bearing system: ball bearings

Available with:
- Safety switch
- Aluminium impeller

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
86CD116DC13	220	126	63	2850	50	3		54	275	880	X		-10	70
	380	126	63	2850	50	3		54	155	510	X		-10	70
	220	148	66	3250	60	3		71	260	840	X		-10	70
	380	148	66	3250	60	3		71	150	485	X		-10	70
	220	126	63	2850	50	1	3,2	54	290	790	X		-10	70
	380	126	63	2850	50	1	1	54	165	460	X		-10	70
	220	144	66	3250	60	1	3,2	71	340	760	X		-10	70
	380	144	66	3250	60	1	1	71	195	440	X		-10	70

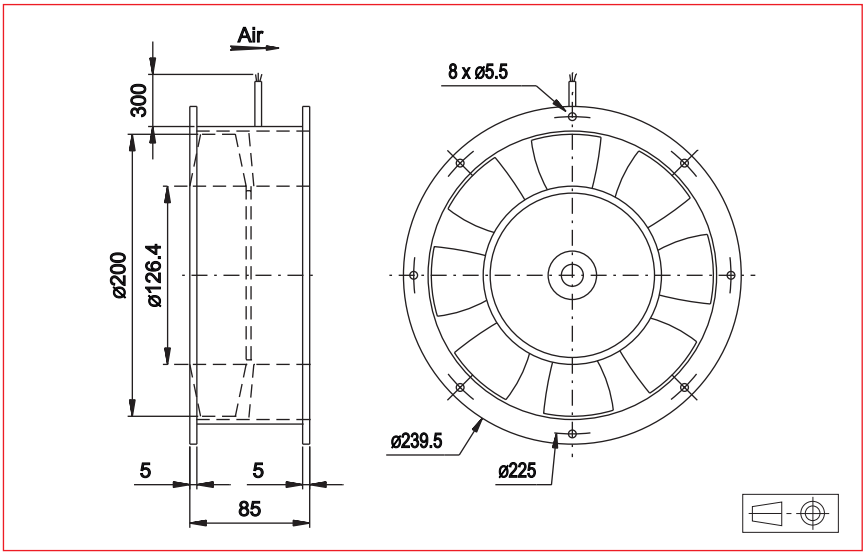
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI® 61G-S/P/E — Ø 239,5 x 85 mm

AC High Performance Fans





Approvals

CE, NATO codification

Life expectancy

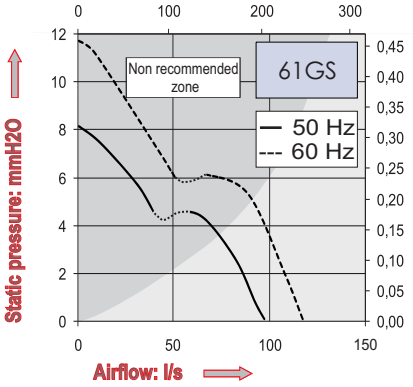
L-10 LIFE AT 40°C:
25 000 hours

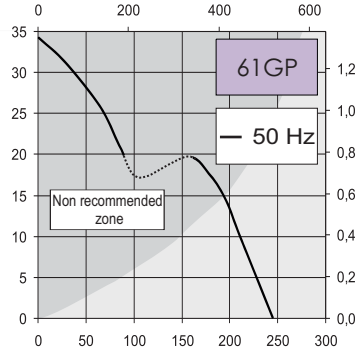
AC Motor

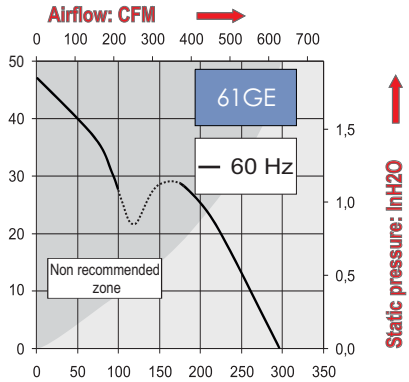
Housing material: aluminium
Impeller material: plastic
Weight: 3,85 kg (61GS)
4,25 kg (61GP, 61GE)
Bearing system: ball bearings

Available with:

- Safety switch
- Terminal block
- Aluminium impeller (62G series)







Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
61GS016DC13A	230	97	57	1480	50	3		16	160	-	X		-10	70
	400	97	57	1480	50	3		16	90	-	X		-10	70
	230	117	60	1770	60	3		15	130	-	X		-10	70
	400	117	52	1700	60	3		20	70	-	X		-10	70
	230	97	57	1480	50	1	1,47	17	160	-	X		-10	70
	400	97	57	1480	50	1	0,47	17	90	-	X		-10	70
	230	117	60	1770	60	1	1,47	16	110	-	X		-10	70
	400	117	60	1770	60	1	0,47	17	70	-	X		-10	70
61GP016DC13A	230	238	71	2870	50	3		68	290	-	X		-10	70
	400	238	71	2870	50	3		66	170	-	X		-10	70
	230	243	71	2870	50	1	5,7	71	330	-	X		-10	70
	400	243	71	2870	50	1	2,0	70	190	-	X		-10	70
61GE016DC13A	230	294	74	3450	60	3		110	410	-	X		-10	70
	400	294	74	3450	60	3		110	240	-	X		-10	70
	230	294	74	3450	60	1	4,7	113	510	-	X		-10	70
	400	294	74	3450	60	1	1,47	113	300	-	X		-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

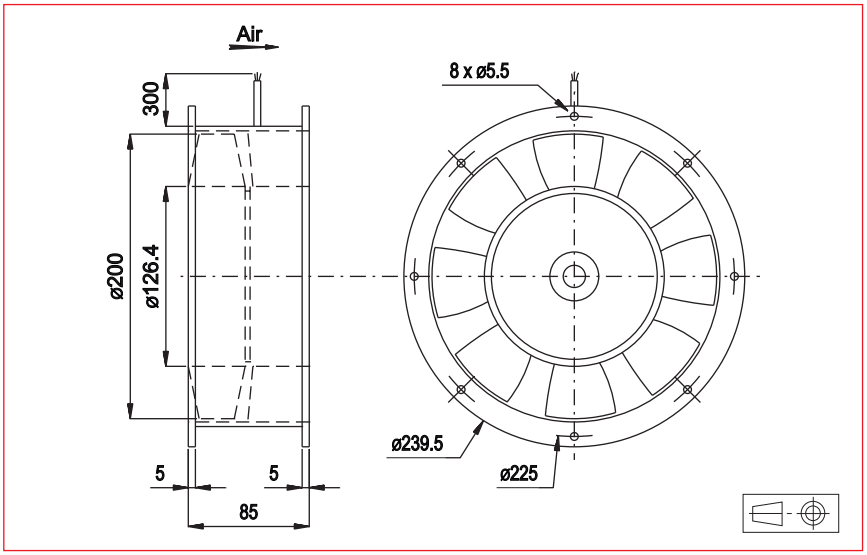
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Ø 239,5 x 85 mm

62GP

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AC High Performance Fans





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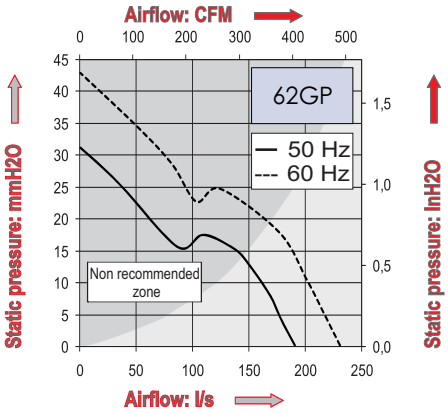
CE, NATO codification

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 4,2 kg
Bearing system: ball bearings

Available with:
- Safety switch
- Terminal block
- Plastic impeller (61G series)



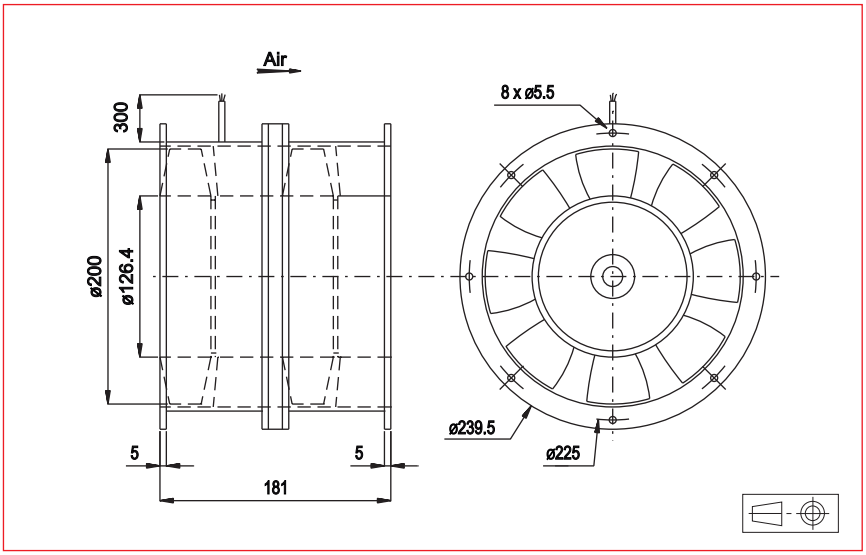
Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
62GP016DC13	230	190	67	2930	50	3		46	290	-	X		-10	70
	400	190	67	2930	50	3		46	170	-	X		-10	70
	230	230	72	3450	60	3		61	250	-	X		-10	70
	400	230	72	3450	60	3		61	145	-	X		-10	70
	230	190	67	2930	50	1	3,2	45	280	-	X		-10	70
	400	190	67	2930	50	1	1	45	170	-	X		-10	70
	230	230	72	3450	60	1	3,2	62	280	-	X		-10	70
	400	230	72	3450	60	1	1	62	160	-	X		-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

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AC High Performance Fans





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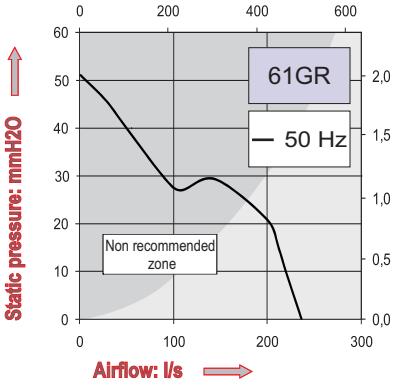
CE, NATO codification

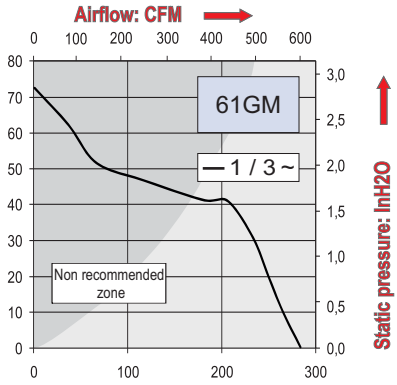
Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor
Housing material: aluminium
Impeller material: plastic
Weight: 6,95 kg
Bearing system: ball bearings

Available with:
- Safety switch
- Terminal block
- Aluminium impeller (62GR model)





Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
61GR116DC13A	230	235	75	2900	50	3		90	500	-	X		-10	70
	400	235	75	2900	50	3		90	290	-	X		-10	70
	230	235	75	2900	50	1	5,7	95	500	-	X		-10	70
	400	235	75	2900	50	1	2,0	95	490	-	X		-10	70
61GM116DC13A	230	283	80	3450	60	3		135	580	-	X		-10	70
	400	283	80	3450	60	3		135	350	-	X		-10	70
	230	283	80	3450	60	1	10	155	690	-	X		-10	70
	400	283	80	3450	60	1	3,2	155	390	-	X		-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

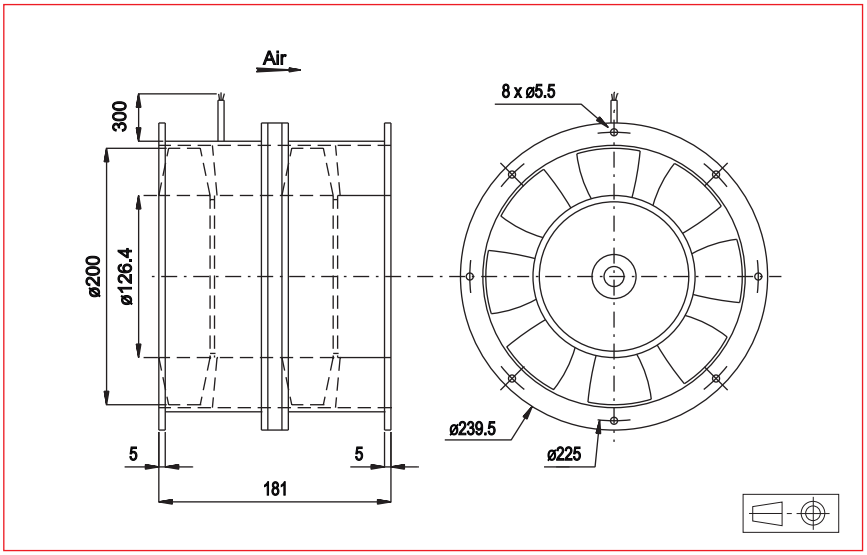
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Ø 239,5 x 181 mm

62GR

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AC High Performance Fans





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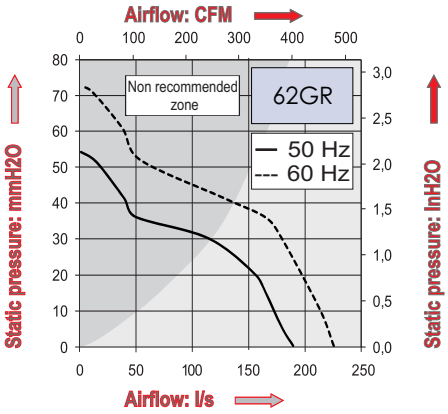
CE, NATO codification

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 6,95 kg
Bearing system: ball bearings

Available with:
- Safety switch
- Terminal block
- Plastic impeller (61GR model)



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
62GR116DC13A	230	188	74	2900	50	3		100	470	-	X		-10	70
	400	188	74	2900	50	3		100	280	-	X		-10	70
	230	224	79	3490	60	3		68	350	-	X		-10	70
	400	224	79	3490	60	3		68	220	-	X		-10	70
	230	188	74	2900	50	1	5,7	71	480	-	X		-10	70
	400	188	74	2900	50	1	2,0	71	480	-	X		-10	70
	230	224	79	3490	60	1	5,7	90	390	-	X		-10	70
	400	224	79	3490	60	1	2,0	90	230	-	X		-10	70

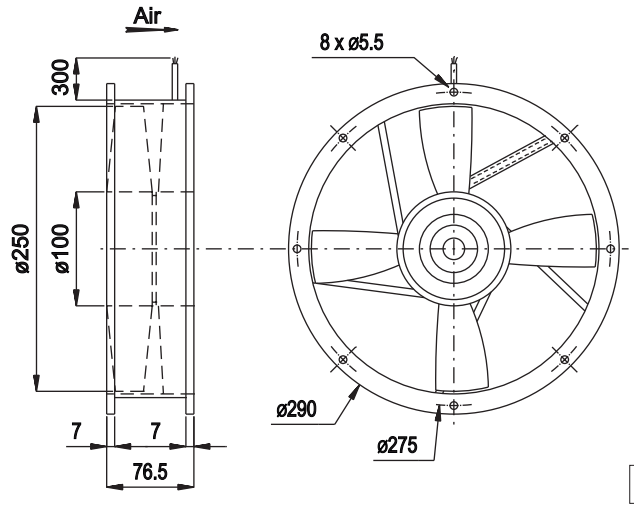
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

Ø 290 x 76,5 mm

AC High Performance Fans





Approvals

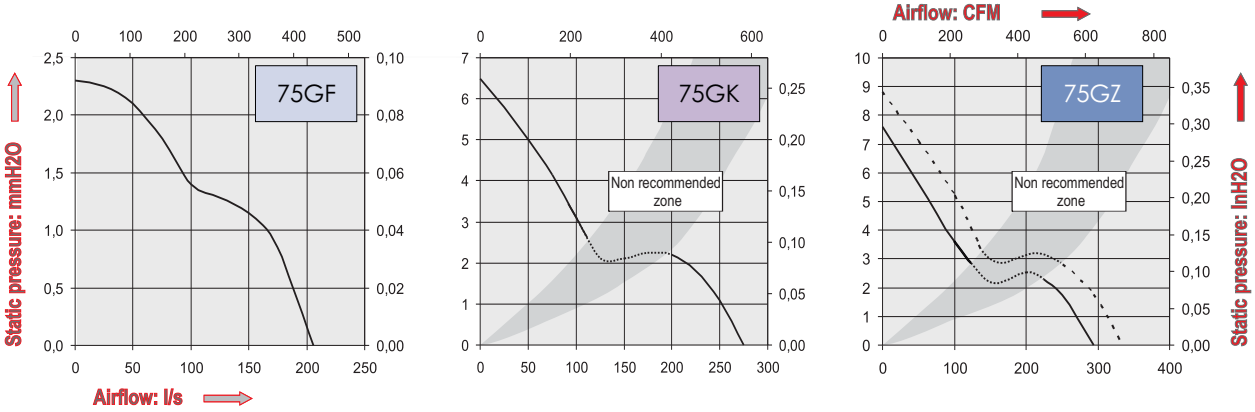
CE, NATO codification

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor

Housing material: aluminium
Impeller material: plastic
Weight: 2,9 kg
Bearing system: ball bearings



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
75GF026AC11	110	206	45	1000	50	1		28	370	470	X		-10	55
	220	206	45	1000	50	1		28	185	235	X		-10	55
75GK026AC11	110	275	54	1350	50	1		41	610	1150	X		-10	55
	220	275	54	1350	50	1		41	305	575	X		-10	55
75GZ026DC13	220	290	55	1400	50	3		38	155	385	X		-10	70
	380	290	55	1400	50	3		38	90	225	X		-10	70
	220	330	58	1600	60	3		40	145	355	X		-10	70
	380	330	58	1600	60	3		40	85	210	X		-10	70
	220	290	55	1400	50	1	2,2	34	165	330	X		-10	70
	380	290	55	1400	50	1	0,69	34	100	200	X		-10	70
	220	320	58	1600	60	1	2,2	42	210	320	X		-10	70
	380	320	58	1600	60	1	0,69	42	125	190	X		-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

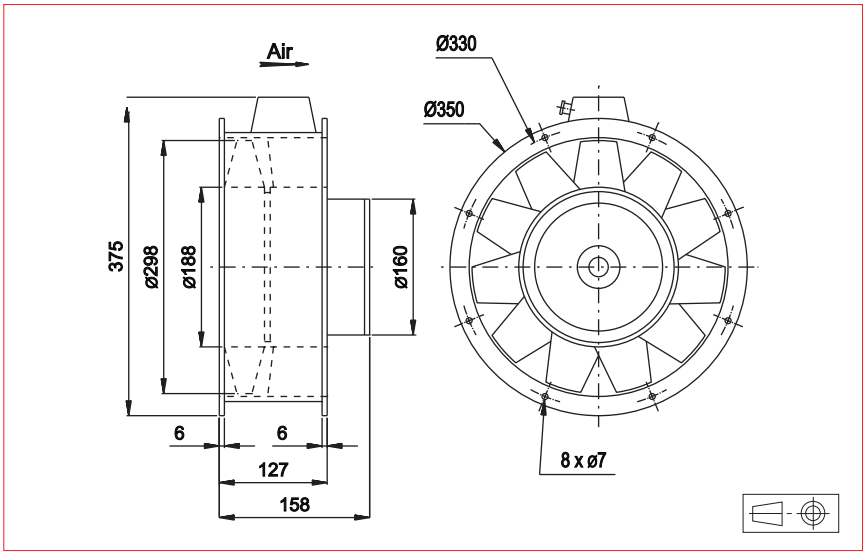
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Ø 350 x 158 mm

Series 60C

ETRI®

AC High Performance Fans





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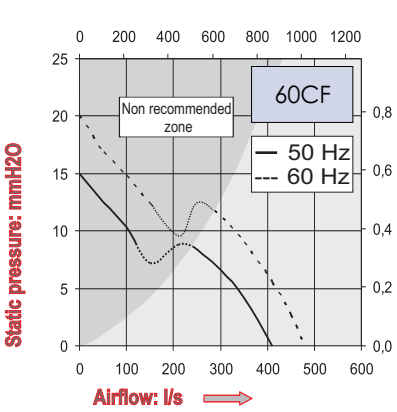
CE, NATO codification

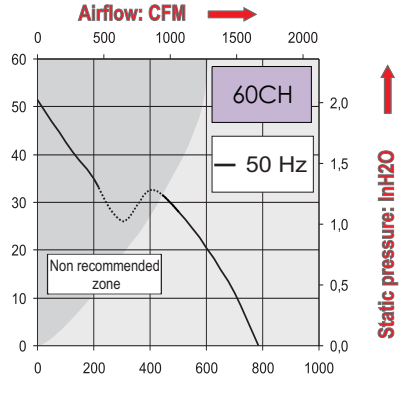
AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 10,25 kg to 11 kg
Bearing system: ball bearings

Available with:
- Safety switch

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours





Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
60CF016DC13	220	410	61	1450	50	3		64	370	2000		X	-10	70
	380	410	61	1450	50	3		64	210	1150		X	-10	70
	220	480	65	1700	60	3		83	330	1800		X	-10	70
	380	480	65	1700	60	3		83	190	1050		X	-10	70
	220	410	61	1450	50	1	6,9	67	320	1700		X	-10	70
	380	410	61	1450	50	1	2,2	67	190	980		X	-10	70
	220	480	65	1700	60	1	6,9	102	470	1600		X	-10	70
	380	480	65	1700	60	1	2,2	102	270	930		X	-10	70
60CH016DC13	220	780	79	2700	50	3		406	1500	6300		X	-10	70
	380	780	79	2700	50	3		406	870	3600		X	-10	70
	220	775	79	2700	50	1	20	400	1900	5000		X	-10	70
	380	775	79	2700	50	1	6,9	400	1100	3000		X	-10	70

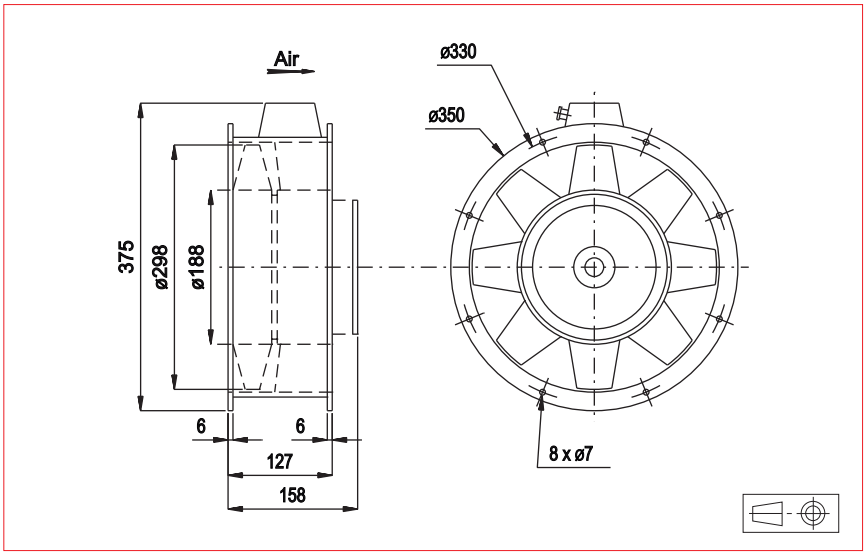
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

Ø 350 x 158 mm

AC High Performance Fans





Approvals

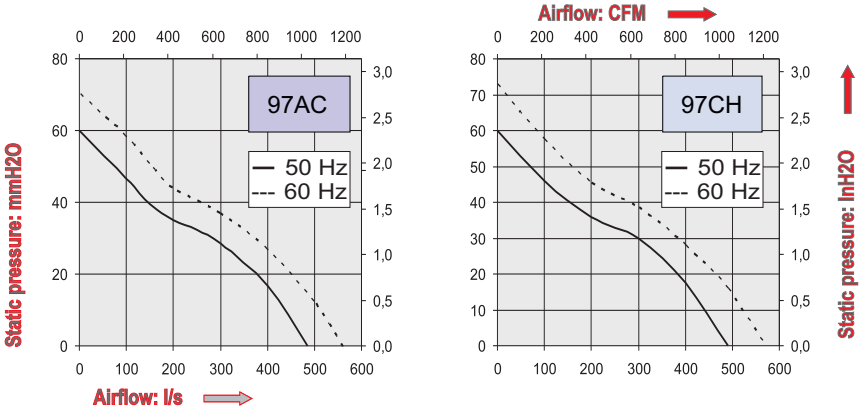
CE, NATO codification

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 11 kg
Bearing system: ball bearings

Available with:
- Safety switch



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
97AC016DC13	127	485	73	2850	50	1	20	165	1300	5200		X	-10	70
	220	485	73	2700	50	1	6,9	220	740	3600		X	-10	70
	127	560	76	3250	60	1	20	400	1700	5700		X	-10	70
	220	550	76	3250	60	1	6,9	400	1050	3300		X	-10	70
97CH016DC13	220	490	73	2850	50	3		136	490	3300		X	-10	70
	380	490	73	2850	50	3		136	280	1900		X	-10	70
	220	570	76	3300	60	3		198	600	2800		X	-10	70
	380	570	76	3300	60	3		198	350	1500		X	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

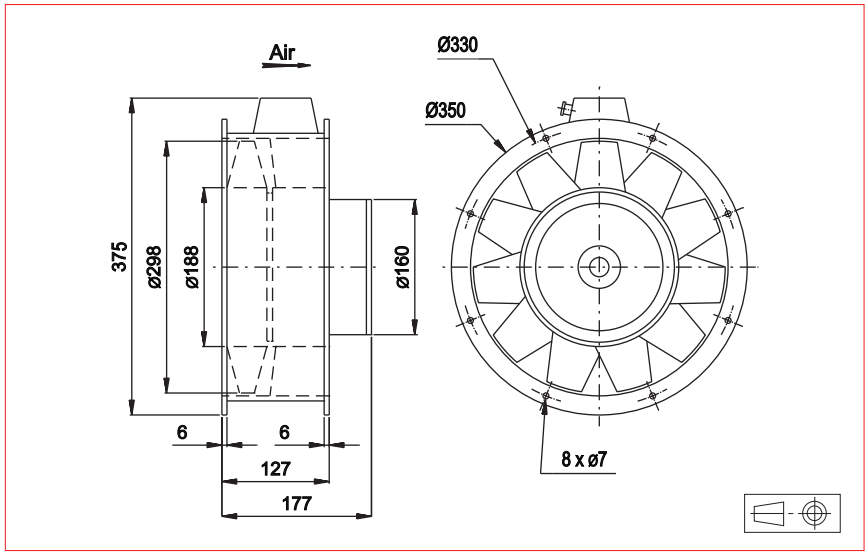
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Ø 350 x 177 mm

Series 60A

ETRI®

AC High Performance Fans





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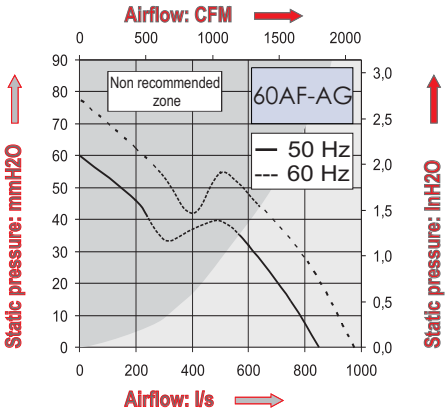
CE, NATO codification

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 13 kg
Bearing system: ball bearings

Available with:
- Safety switch



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
60AF026DC13	220	850	82	2900	50	3		385	1700	14000		X	-10	70
	380	850	82	2900	50	3		385	1000	8100		X	-10	70
	220	975	86	3350	60	3		555	1800	12200		X	-10	70
	380	975	86	3350	60	3		555	1050	7100		X	-10	70
60AG0266C13	127	850	82	2900	50	1		445	4450	25000		X	-10	70
	127	975	86	3350	60	1		580	4700	14500		X	-10	70
60AG0261C13	220	850	82	2900	50	1		445	2550	14500		X	-10	70
	220	975	86	3350	60	1		580	2700	13000		X	-10	70

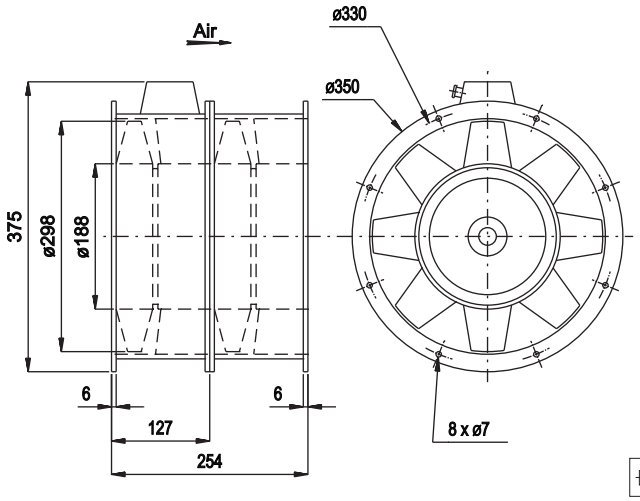
Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

Non contractual document. Specifications are subject to change without prior notice. Pictures for information only. Edition 2012

ETRI® 97CJ — Ø 350 x 254 mm

AC High Performance Fans





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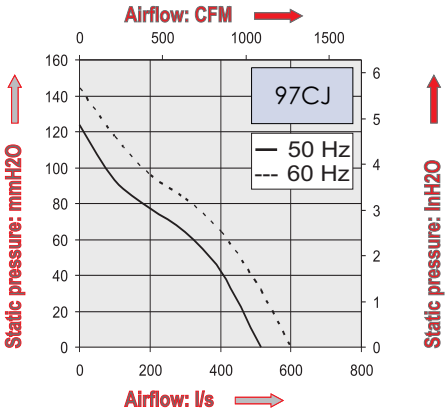
CE

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours

AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 17 kg
Bearing system: ball bearings

Available with :
- Safety switch



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
97CJ116DC13	220	514	81	2850	50	3		306	1450	6800		X	-10	70
	380	514	81	2850	50	3		306	850	4000		X	-10	70
	220	600	84	3300	60	3		344	1100	6000		X	-10	70
	380	600	84	3300	60	3		344	650	3500		X	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

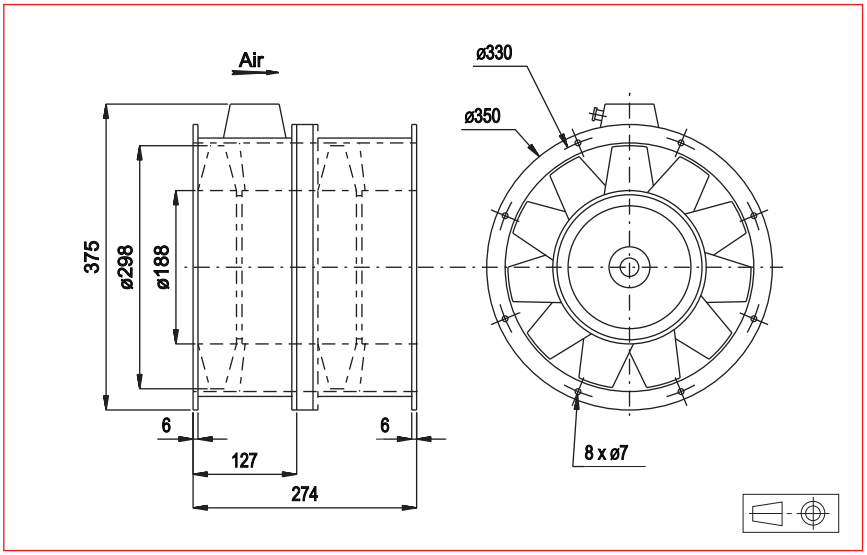
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Ø 350 x 274 mm

60CV

ETRI®

AC High Performance Fans





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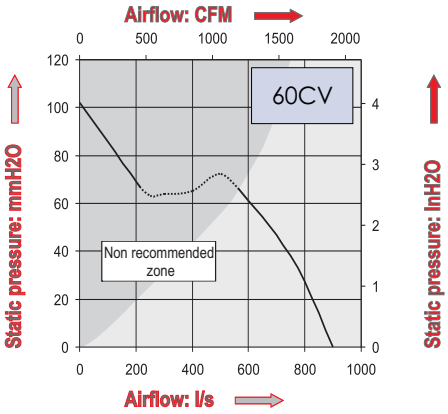
CE

AC Motor
Housing material: aluminium
Impeller material: aluminium
Weight: 20,25 kg
Bearing system: ball bearings

Available with:
- Safety switch

Life expectancy

L-10 LIFE AT 40°C:
25 000 hours



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Frequency	Phases	Capacitor (not included)	Input power	Nominal Current	Starting Current	Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	Hz		µF	W	mA	mA	Leads	Terminals	Min.°C	Max.°C
60CV216DC13	220	900	87	2800	50	3		640	2200	14000		X	-10	70
	380	900	87	2800	50	3		640	1300	8000		X	-10	70

Additional versions:
Salt spray protected - Shock and vibration protected - Marine specifications
Wide temperature range - Other voltages (consult factory)

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ETRI®

A key partner in cooling solutions
ETRI's comprehensive fan line includes over 7000 fans which operate under a wide variety of voltages and frequencies. Thanks to extensive designing and testing equipment, our engineers are able to offer the best technical solution suitable to various applications, such as industrial, electronics, telecom, railway or military.

High quality fans
ETRI has been known for more than 60 years as a global leader in cooling products, and carries on its tradition of excellence using innovative designs and materials to produce high quality fans and blowers, through its ISO 9002 certified manufacturing plant. Most of ETRI fans are UL, CSA approved, and according to the European directives, they comply with EMI and electrical safety standards. Certificates are available on request.

An international presence
ETRI offers an international presence through its network of local offices (Europe & USA) distributors and representative offices in more than 50 countries. Complete list is available on our web site.

Votre partenaire en ventilation
Avec plus de 7000 références, ETRI propose une large gamme de ventilateurs répondant aux exigences les plus sévères pour des applications industrielles, électroniques, ferroviaires ou militaires. La gamme de produits standard est régulièrement complétée par des développements spécifiques réalisés sur cahier des charges.

Le choix de la qualité
ETRI vous apporte la réponse adaptée à vos besoins en vous proposant des solutions innovantes dans le domaine de la ventilation industrielle tout en garantissant les meilleurs niveaux de qualité. Les ventilateurs ETRI sont pour la plupart homologués UL et CSA, et conformément aux directives européennes, répondent aux normes EMI et de sécurité électrique. Les certificats sont disponibles sur simple demande.

Une présence internationale
Grâce à ses agences implantées en Europe et aux Etats-Unis, et à son large réseau de distributeurs, ETRI vous offre une présence internationale dans plus de 50 pays. La liste complète de nos représentants est disponible sur notre site internet.

www.etrinet.com

Your local agency or distributor / Votre agence locale ou distributeur :

ECOFIT ETRI
rosenberg
THE AIR MOVEMENT GROUP

About Rosenberg...
Rosenberg is a competitive medium sized company with around 1400 employees worldwide.
During the last 30 years the Rosenberg group has been complemented in Europe by six additional works in France, Italy, Hungary, Czech Republic and Germany, in addition to the numerous subsidiaries and partners around the world.

Our aim is for high quality production backed by top class service for our clients. Thus a continuous flow of information and good cooperation between you, our dear customers, and us is most important, to jointly achieve a continuous evolution of our products and their quality.

A propos de Rosenberg...
Rosenberg est une entreprise performante à taille humaine qui emploie environ 1400 collaborateurs dans le monde entier.
Durant ces 30 dernières années, le Groupe Rosenberg s'est développé en Europe avec 6 nouvelles implantations en France, Italie, Hongrie, République Tchèque ainsi qu'en Allemagne, en plus des nombreux partenaires et distributeurs déjà présents à l'échelle mondiale.

Notre objectif est d'assurer un très haut niveau de qualité de produits doublé d'un service clients irréprochable.
De ce fait, maintenir une communication constante et une bonne coopération entre vous, nos chers clients, et nous, est la condition clé pour le développement de nos produits et de notre savoir-faire.

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