ELCO

SHADED POLE MOTORS

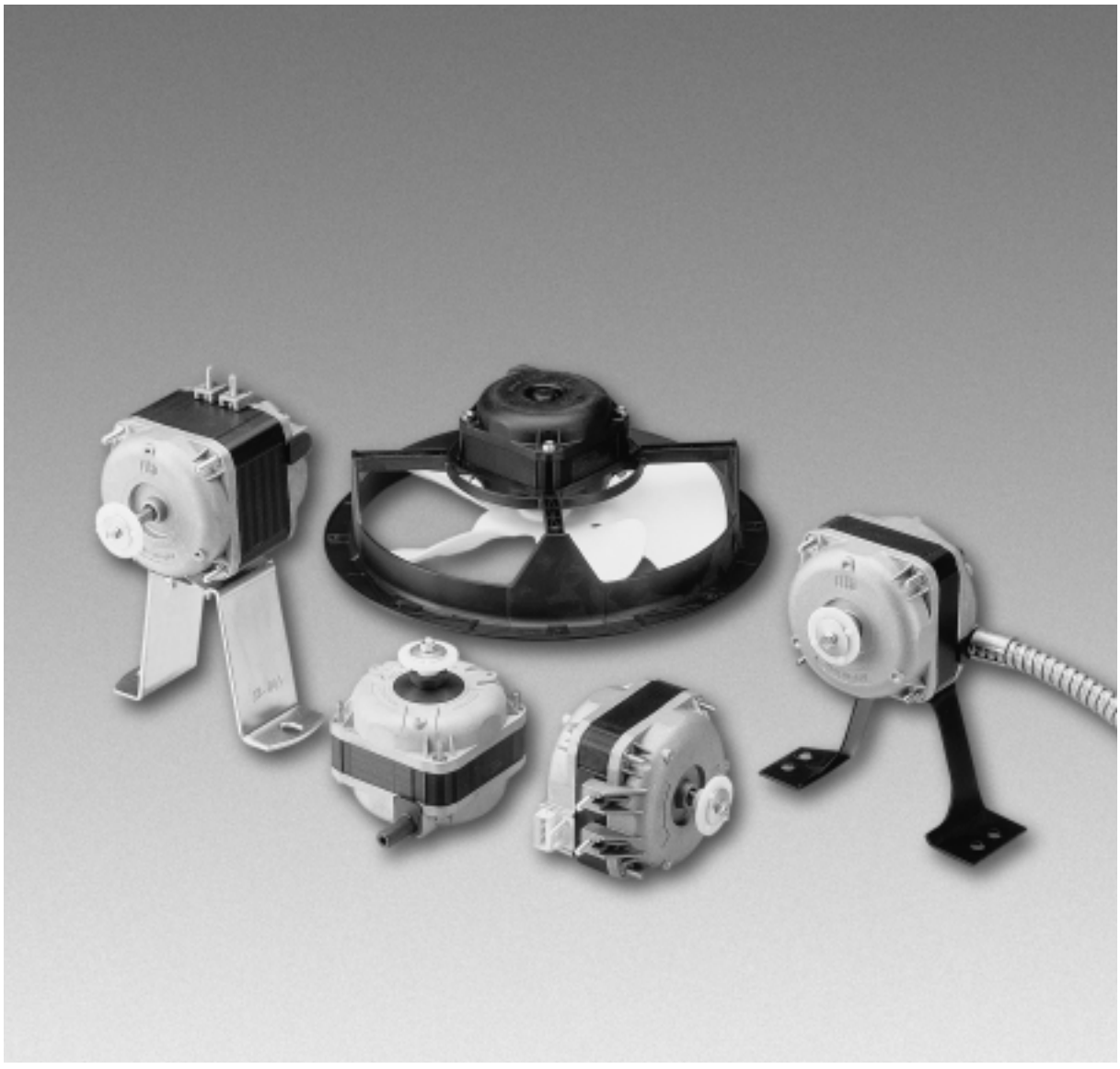
INDICE INDEX

MOTORI SERIE N

N SERIES MOTORS

I motori Shaded Pole della **Serie N** sono diffusamente impiegati nella refrigerazione industriale, commerciale, gruppi condensanti, evaporanti e ventilazione di piccola portata.
Sono motori monofase a 4 poli schermati funzionanti alla tensione nominale di 230-240 V, 50-60 Hz e con potenze da 5 a 34 Watt; classe di isolamento B, grado di protezione IP42.

The shaded pole motors of the **N series** are widely used in the industrial and commercial refrigeration, in the condensing and evaporating units and in small ventilating units.
These motors are 4 shaded poles, single phase, running at a nominal tension of 230-240 V, 50-60 Hz, with an output power ranging from 5 to 34 Watt; insulation class B and protection class IP42.



MOTORI SERIE N

N SERIES MOTORS

Caratteristiche generali
La nuova gamma dei motori serie N a poli schermati nasce dall'esperienza maturata in più di mezzo secolo di attività da ELCO, leader mondiale per know how, ricerca e sviluppo, unica in grado di offrire motori coperti da garanzia di 3 anni. Tutti i prodotti sono estremamente innovativi, per la volontà di ELCO di soddisfare ogni richiesta nel modo più appropriato e sfruttando tecnologie in continua evoluzione.

General features
The new range of shaded pole motors is the result of more than 50 years experience of ELCO as world leader not only for the sales volumes, but also for know how, research and development. ELCO is today the only manufacturer offering a 3 years warranty on its shaded pole motors. All products are strongly innovative as ELCO wants to answer the request of the market asking for new technologies.

Materiali
Tutti i prodotti sono realizzati con componenti rigorosamente selezionati tra i migliori fornitori e ogni componente è sottoposto a stretti controlli come previsto dalle Normative ISO.
I coperchi sono realizzati in lega di alluminio o in materiale termoplastico.
Inoltre ELCO ha sviluppato una gamma di ventole utilizzando materie plastiche che ne riducono la deformazione, aumentano la stabilità dimensionale garantendone nel tempo la forma e la corretta bilanciatura.

Materials
All products realised with components that are selected among the best possible suppliers and every component is severely tested as requested by the ISO standards.
The end-shields are in aluminium or in thermoplastic material. ELCO has also developed a fan blades range in thermoplastic material. This material reduces the deformation of the blade and improves the dimensional stability granting the shape and the balancing of the blade itself.

Posizione di montaggio
Espressamente studiati per essere montati sia in orizzontale che verticale.

Mounting
The motors are suitable for horizontal and vertical mounting.

Senso di rotazione
Solitamente in senso antiorario vista lato albero, ma la conformazione di base del prodotto permette, con una semplice operazione, di invertire il senso di rotazione.

Direction of rotation
The standard is CCW rotation shaft view, but with a very simple operation the CV motor can be supplied.

Prestazioni
La versione standard funziona a 230-240 V, 50-60 Hz, ma sono disponibili diverse tensioni e frequenze di alimentazione.

Performances
Standard version runs at 230-240 V, 50-60 Hz; other solutions are available on request.

Funzionamento continuo con temperatura ambiente
-40°C +40°C grazie ad uno speciale lubrificante, che migliora le caratteristiche del motore ultima generazione.

Ambient temperature
-40°C +40°C; we use a special lubricant whose characteristics are better than those of the previous lubricants.

MOTORI SERIE N

Classe di isolamento
B

Grado di protezione
IP42, a richiesta IP44.

Protezione a rotore bloccato
per impedenza
o con protettore termico.

Supporto per albero motore
con bronzine autolubrificanti
e autoallineanti a richiesta
con cuscinetti a sfera.

Ventole assiali
Le ventole assiali a 5 pale in alluminio sono state studiate con forma e inclinazione tali da fornire un buon rendimento aeraulico. Sono disponibili nei diametri da 154 a 300 mm con inclinazioni comprese tra 19° e 34° sia nella versione aspirante che premente.
La gamma delle ventole è stata ampliata con una serie in materiale termoplastico, il cui obiettivo peculiare è di ridurre la rumorosità. Queste ventole sono disponibili nei diametri e nelle inclinazioni più comunemente utilizzate.

Accessori
A integrazione dei motori serie N è disponibile una vasta gamma di accessori che vanno dagli anelli, alle griglie, ai supporti, per finire con i cavi con connettore.

Imballo
I motori sono imballati in scatole di cartone, impilati in pallet e protetti da una pellicola di termoretraibile.

Omologazioni
Tutti i prodotti sono sviluppati, progettati e costruiti in conformità alla Direttiva Bassa Tensione 73/23/CEE, alla Direttiva EMC 89/336/CEE, alla Direttiva macchine 89/392/CEE e seguendo la normativa standard CENELEC EN 60335-1.
I motori qui presentati sono approvati VDE, UL o CSA e sono provvisti dei marchi a fianco riportati.

N SERIES MOTORS

Insulation class
B

Protection class
IP42, IP44 on request.

Locked rotor protection
impedance or thermal
protector.

Shaft support
self-lubricating and
self-aligning sleeve bearings;
ball bearings on request.

Axial fan blades
The 5-bladed aluminium range shape and inclinations have been studied to optimise the airflow. The range of diameters available is from 154 mm up to 300 mm, with pitches varying from 19° to 34°; this is valid both for the sucking and the blowing version.
The fan blades range has been increased by designing a new thermoplastic series whose main target is the reduction of the noise level. These plastic fan blades are available in the most popular diameters and pitches.

Accessories
A wide range of accessories is available: rings, grids, brackets and cables complete of connectors.

Packaging
Motors are packed
in carton boxes, piled into
pallets and shrink-wrapped.

Certifications
All the products are developed, designed and manufactured in compliance with the low tension directive 73/23/EEC, with the EMC directive 89/336/EEC, with the machinery directive 89/392/EEC and in accordance with the EN 60335-1 CENELEC standards.
The motors illustrated here are VDE, UL or CSA recognised and are supplied with the attached marks impressed.

MOTORI N
FISSAGGI

N MOTORS
FIXING

I motori della serie N sono stati sviluppati per essere fissati attraverso diverse soluzioni riassunte in questa tabella: utilizzando le viti sporgenti per il montaggio con anello o rete, i fori filettati sul coperchio posteriore o ancora i piedini per montaggio con supporto 26 mm o 18 mm. Ogni versione sarà illustrata nel dettaglio nelle pagine successive.

The motors of the N series have been designed to be fixed through different solutions that are shown in the following table: motors can be fixed by using the protruding screws for ring or grid, by the 3 threaded holes on back shield, or using the bottom screws for bracket mounting.

Coperchi in alluminio - Aluminium end-shields

	T1 Pag. 7	**T2** Pag. 8	**T3** Pag. 9	**T4** Pag. 10	**T5** Pag. 11	**T6** Pag. 12	**T9** Pag. 13
M4 viti anteriori x 10/12 M4 x 10/12 screws front Drive End	●	●	●	●	●	●	●
3xM4 posteriori interasse Ø 72 3xM4 holes on 72 PCD non Drive End	●			●	●	● 8-36 UNF	A RICHIESTA ON DEMAND
3xM4 anteriori interasse Ø 72 3xM4 holes on 72 PCD Drive End					●		
2xM4 posteriori 180° 2xM4 holes at 180°							●
Piede 26 mm 2xM4 screws stud mounting, 26 mm spaced			●	●	●		●
Piede 18 mm 2xM4 screws stud mounting, 18 mm spaced			A RICHIESTA ON DEMAND	A RICHIESTA ON DEMAND	●		
Piede posteriore USA USA support						●	
	T1 Pag. 14	**T2** Pag. 15	**T3** Pag. 16	**T4** Pag. 17			
Connessione Plug-in Plug-in connection	●	●	●	●			

Coperchi in plastica - Plastic end-shields*

	T1	**T2** Pag. 18	**T3** Pag. 19	**T4**	**T5**	**T6**	**T9**
Versione standard con cavo Standard version with cable		●	●				

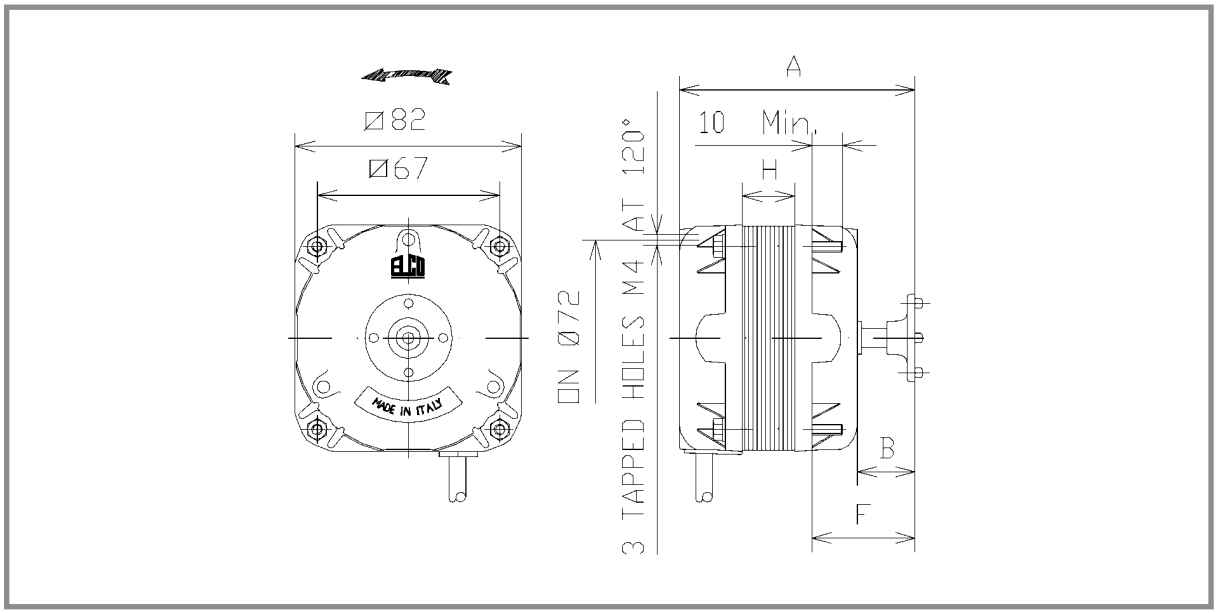
*Con potenze fino a 16 W - Output power range: 5 W - 16 W

MOTORI N T1

Due differenti tipi di fissaggio possibili:
- 3 fori filettati M4 a 120° su Ø 72 mm sul coperchio posteriore
- viti sporgenti M4 lato uscita albero per anello/rete.

N MOTORS T1

Two different types of fixation:
- 3 x M4 tapped holes on 72mm PCD at 120°
- M4 protruding screws Drive End for ring/grid.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET1T05ZVN001	230/240	5	32	0,20	1300/1550	500	20 Pcs
NET1T10ZVN002	230/240	10	38	0,23	1300/1550	500	20 Pcs
NET1T16PVN001	230/240	16	65	0,45	1300/1550	500	15 Pcs
NET1T25PVN001	230/240	25	95	0,68	1300/1550	500	10 Pcs
NET1T34PVN001	230/240	34	120	0,87	1300/1550	500	10 Pcs

Dimensioni - Dimensions

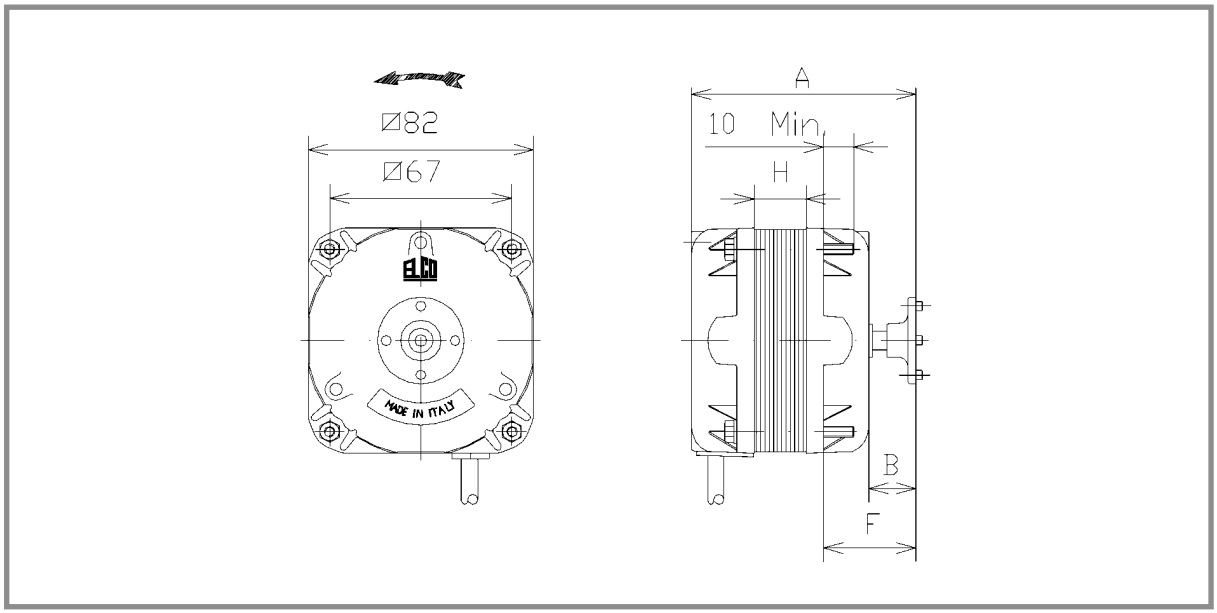
Codice Part Number	H	A	B	C	D	E	F
NET1T05ZVN001	13	80	21	-	-	-	38
NET1T10ZVN002	20	87	22	-	-	-	38
NET1T16PVN001	25	92	21	-	-	-	38
NET1T25PVN001	40	107	21	-	-	-	37
NET1T34PVN001	45	119	28	-	-	-	45

MOTORI N T2

Un tipo di fissaggio possibile:
- viti sporgenti M4 lato uscita albero per anello/rete.

N MOTORS T2

One type of fixation:
- M4 protruding screws Drive End for ring/grid.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET2T05ZVN001	230/240	5	32	0,20	1300/1550	500	20 Pcs
NET2T10ZVN002	230/240	10	38	0,23	1300/1550	500	20 Pcs
NET2T16PVN001	230/240	16	65	0,45	1300/1550	500	15 Pcs
NET2T25PVN001	230/240	25	95	0,68	1300/1550	500	10 Pcs
NET2T34PVN003	230/240	34	120	0,87	1300/1550	500	10 Pcs

Dimensioni - Dimensions

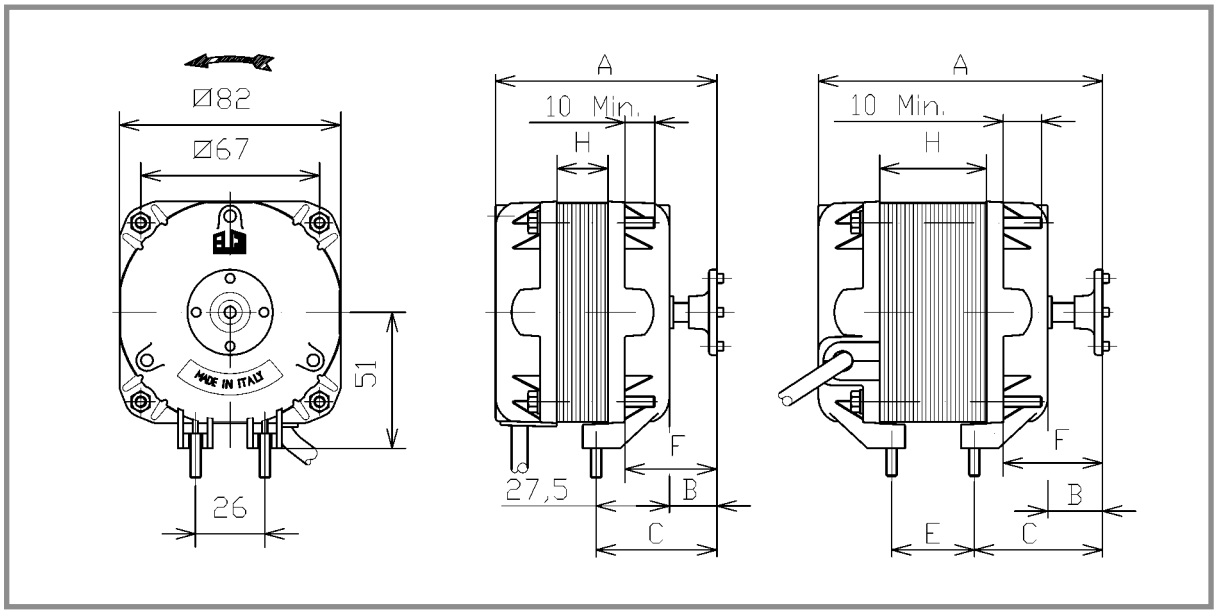
Codice Part Number	H	A	B	C	D	E	F
NET2T05ZVN001	13	76	17	-	-	-	34
NET2T10ZVN002	20	83	18	-	-	-	34
NET2T16PVN001	25	87	16	-	-	-	33
NET2T25PVN001	40	107	21	-	-	-	37
NET2T34PVN003	45	114	23	-	-	-	40

MOTORI N T3

Due differenti tipi di fissaggio possibili:
- viti sporgenti M4 lato uscita albero per anello/rete sul coperchio posteriore
- 2 viti M4 in basso per fissaggio con staffa.

N MOTORS T3

Two different types of fixation:
- M4 protruding screws Drive End for ring/grid
- 2 x M4 bottom screws for stud mounting.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET3T05ZVN004	230/240	5	32	0,20	1300/1550	500	20 Pcs
NET3T10ZVN001	230/240	10	38	0,23	1300/1550	500	20 Pcs
NET3T16PVN001	230/240	16	65	0,45	1300/1550	500	15 Pcs
NET3T25PVN004	230/240	25	95	0,68	1300/1550	500	10 Pcs
NET3T34PVN003	230/240	34	120	0,87	1300/1550	500	10 Pcs

Dimensioni - Dimensions

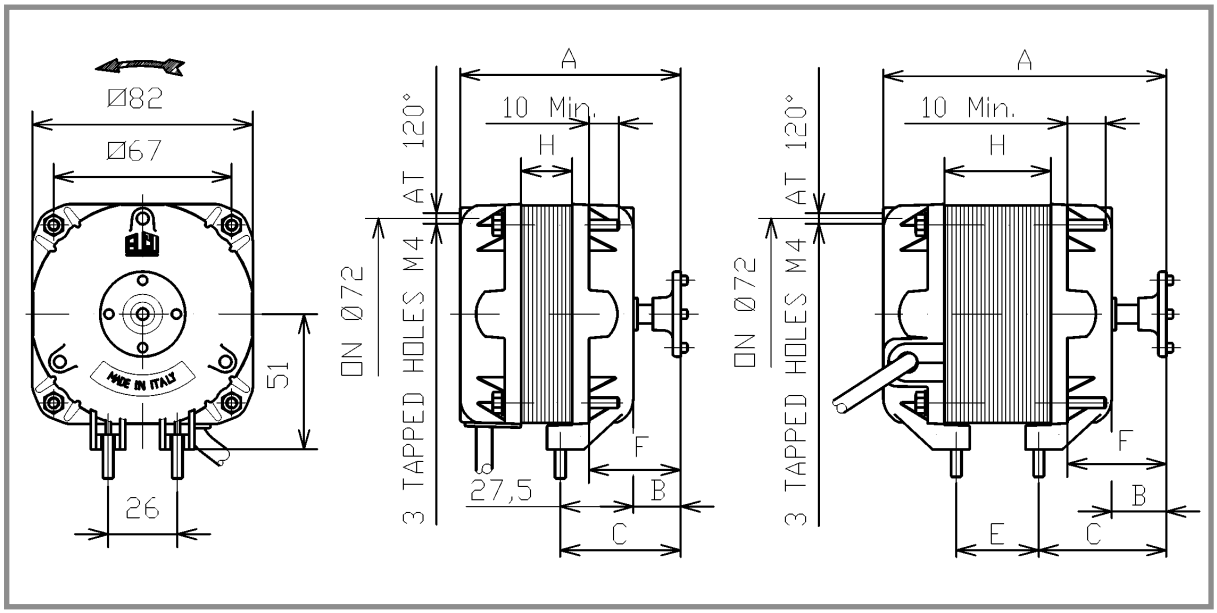
Codice Part Number	H	A	B	C	D	E	F
NET3T05ZVN004	13	76	17	44	-	-	34
NET3T10ZVN001	20	83	18	45	-	-	34
NET3T16PVN001	25	87	16	43	-	-	33
NET3T25PVN004	40	102	16	43	-	31	32
NET3T34PVN003	45	119	28	56	-	36	45

MOTORI N T4

Tre differenti tipi di fissaggio possibili:
- 3 fori filettati M4 a 120° su Ø72 mm sul coperchio posteriore
- viti sporgenti M4 lato uscita albero per anello/rete
- 2 viti M4 in basso per fissaggio con staffa.

N MOTORS T4

Three different types of fixation:
- 3 x M4 tapped holes on 72 mm PCD at 120°
- M4 protruding screws Drive End for ring/grid
- 2 x M4 bottom screws for stud mounting.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET4T05ZVN001	230/240	5	32	0,20	1300/1550	500	20 Pcs
NET4T10ZVN001	230/240	10	38	0,23	1300/1550	500	20 Pcs
NET4T16PVN001	230/240	16	65	0,45	1300/1550	500	15 Pcs
NET4T25PVN001	230/240	25	95	0,68	1300/1550	500	10 Pcs
NET4T34PVN001	230/240	34	120	0,87	1300/1550	500	10 Pcs

Dimensioni - Dimensions

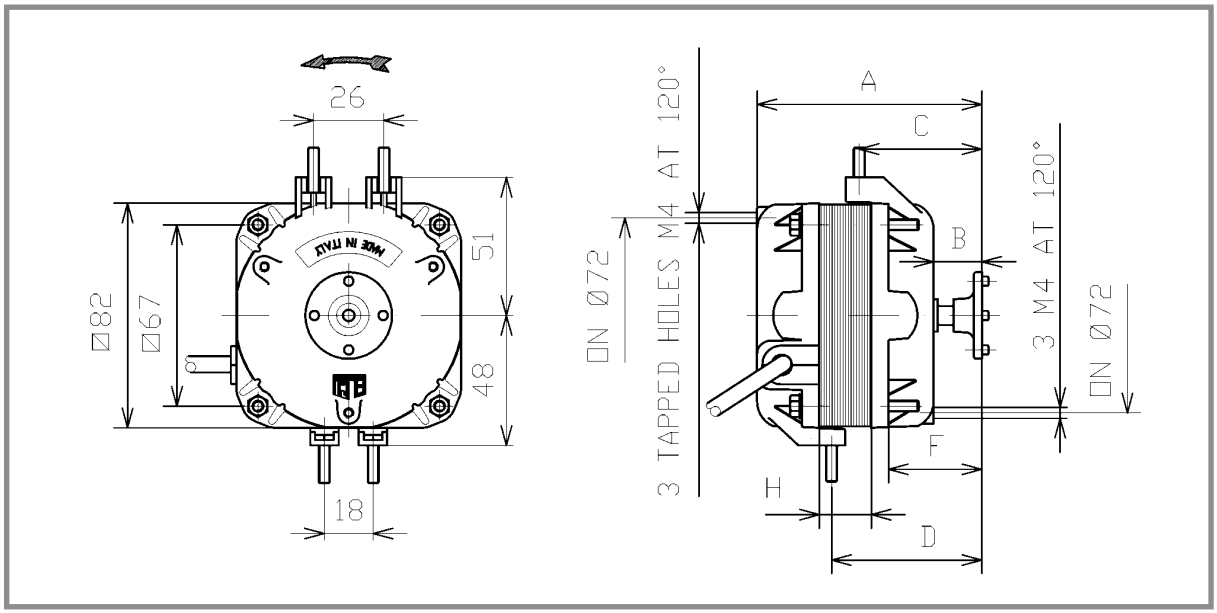
Codice Part Number	H	A	B	C	D	E	F
NET4T05ZVN001	13	80	21	48	-	-	38
NET4T10ZVN001	20	87	22	49	-	-	38
NET4T16PVN001	25	92	21	48	-	-	38
NET4T25PVN001	40	112	26	53	-	31	42
NET4T34PVN001	45	119	28	56	-	36	45

MOTORI N T5

Motore universale con cinque differenti tipi di fissaggio possibili:
- 3 fori filettati M4 a 120° su Ø 72 mm sul coperchio posteriore
- 3 fori filettati M4 a 120° su Ø 72 mm sul coperchio anteriore
- viti sporgenti M4 lato uscita albero per anello/rete
- 2 viti M4 in basso per fissaggio con staffa, interasse 26 mm
- 2 viti M4 in basso per fissaggio con staffa, interasse 18 mm.

N MOTORS T5

Universal motor with five different types of fixation:
- 3 x M4 tapped holes on 72 mm PCD at 120°, non Drive End
- 3 x M4 tapped holes on 72 mm PCD at 120°, Drive End
- M4 protruding screws Drive End for ring/grid
- 2 x M4 bottom screws for stud mounting, 26 mm spaced
- 2 x M4 bottom screws for stud mounting, 18 mm spaced.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET5T05ZVN001	230/240	5	32	0,20	1300/1550	500	20 Pcs
NET5T10ZVN001	230/240	10	38	0,23	1300/1550	500	20 Pcs
NET5T16PVN001	230/240	16	65	0,45	1300/1550	500	15 Pcs
NET5T25PVN001	230/240	25	95	0,68	1300/1550	500	10 Pcs
NET5T34PVN001	230/240	34	120	0,87	1300/1550	500	10 Pcs

Dimensioni - Dimensions

Codice Part Number	H	A	B	C	D	E	F
NET5T05ZVN001	13	80	21	48	52	-	38
NET5T10ZVN001	20	87	22	49	59	-	38
NET5T16PVN001	25	92	21	48	64	-	38
NET5T25PVN001	40	112	26	53	84	-	42
NET5T34PVN001	45	119	28	56	92	-	45

MOTORI N T6

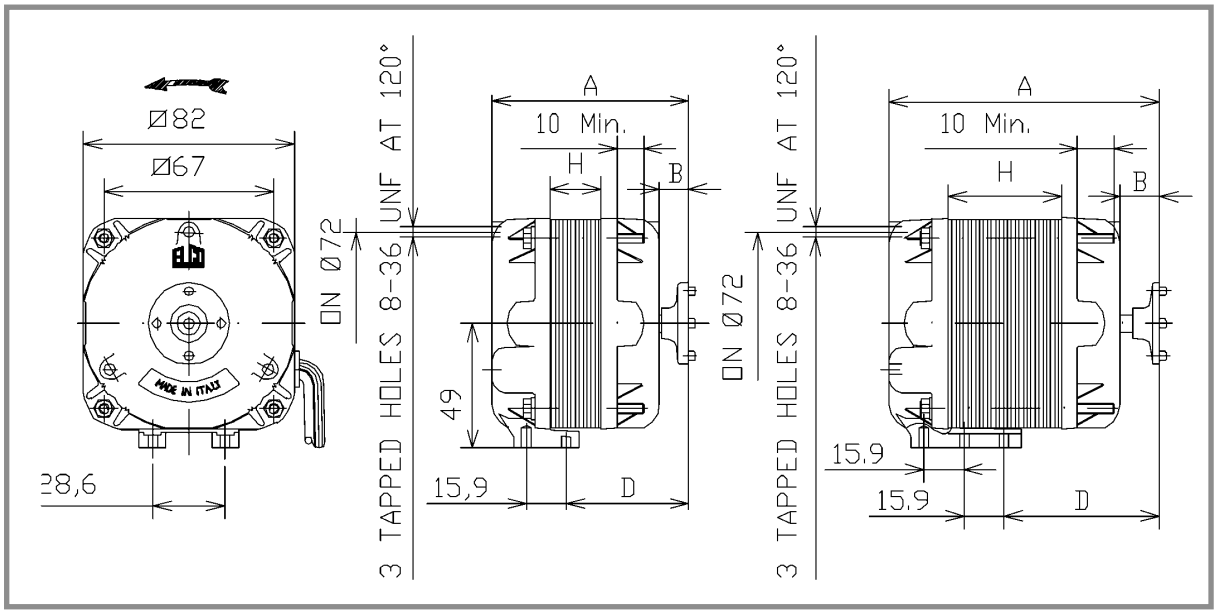
N MOTORS T6

Modello USA, tensione nominale di 115 V, 60/50 Hz, omologati UL/CSA e disponibili nella versione con cavo AWG 18 (tripolare o SPT3) o con connettore a 3 vie/2 vie. Tre differenti tipi di fissaggio possibili:

- viti sporgenti M4 lato uscita albero per anello/rete
- 3 fori filettati 8-36 UNF
- 4/6 alloggiamenti per viti sul coperchio posteriore per fissaggio con staffa.

USA model, nominal tension 115 V, 60/50 Hz, UL/CSA approved, available with AWG 18 cable, 3-core cable or SPT3, or with 3 pins/2 pins connector.
Three different types of fixation:

- M4 protruding screws Drive End for ring/grid
- 3 tapped holes 8-36 UNF
- 4/6 screws housing on non Drive End shield for bracket mounting.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NUT6B04PUN301	115	4	-	0,40	1550	610	160 Pcs
NUT6B04ZUN301	115	4	-	0,36	1550	610	160 Pcs
NUT6B05PUN301	115	5	-	0,40	1550	610	160 Pcs
NUT6B06ZUN301	115	6	-	0,41	1550	600	160 Pcs
NUT6B09PUN301	115	9	-	0,58	1550	600	160 Pcs
NUT6B16PUN301	115	16	-	1,00	1550	620	120 Pcs
NUT6B25PUN301	115	25	-	1,50	1550	575	80 Pcs
NUT6B34PUN301	115	34	-	1,60	1550	575	80 Pcs

Prestazioni - Performances

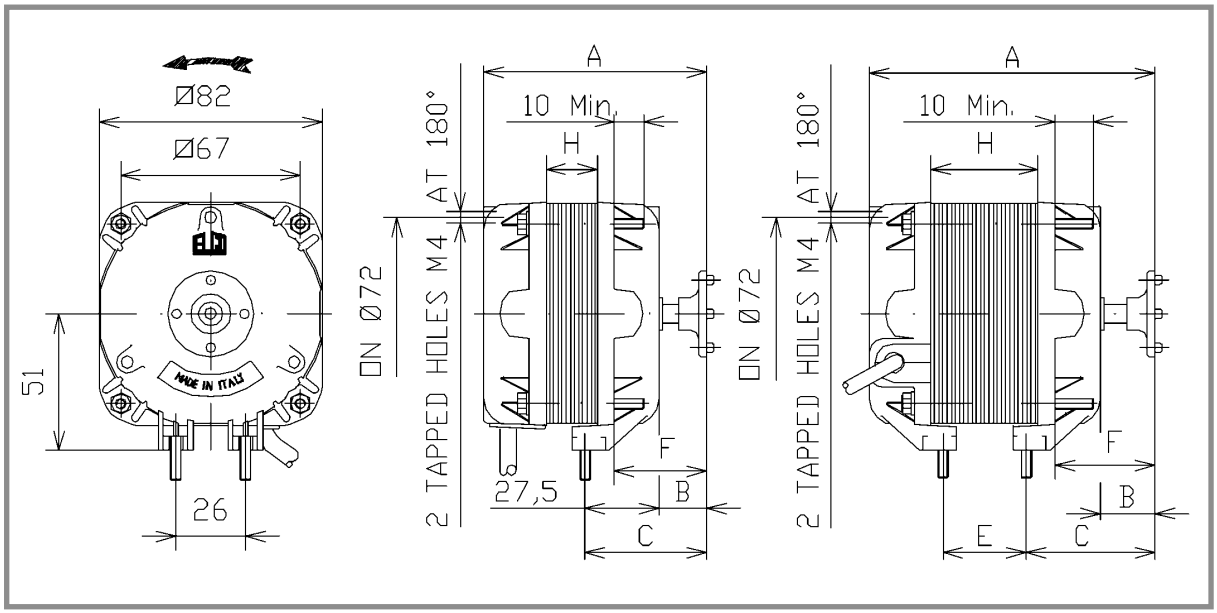
Codice Part Number	H	A	B	C	D	E	F
NUT6B04PUN301	13	72	13	-	42	-	-
NUT6B04ZUN301	13	72	13	-	42	-	-
NUT6B05PUN301	13	72	13	-	42	-	-
NUT6B06ZUN301	20	78	13	-	48	-	-
NUT6B09PUN301	20	78	13	-	48	-	-
NUT6B16PUN301	30	92	16	-	62	-	-
NUT6B25PUN301	45	107	16	-	61	-	-
NUT6B34PUN301	45	107	16	-	61	-	-

MOTORI N T9

Tre differenti tipi di fissaggio possibili:
- 2 fori filettati M4 a 180° su Ø 72 mm sul coperchio posteriore
- viti sporgenti M4 lato uscita albero per anello/rete
- 2 viti M4 in basso per fissaggio con staffa.

N MOTORS T9

Three different types of fixation:
- 2 x M4 tapped holes on 72 mm PCD at 180°
- M4 protruding screws Drive End for ring/grid
- 2 x M4 bottom screws for stud mounting.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET9T05ZNN301	115	5	29	0,37	1470	500	20 Pcs
NET9T10ZNN301	110/127	10	35	0,43	1500	500	20 Pcs
NET9T18PNN301	110/127	18	70	1,00	1500	500	15 Pcs
NET9T25PNN301	115	25	100	1,50	1550	500	10 Pcs
NET9T34PNN301	115	34	115	1,60	1500	500	10 Pcs

Dimensioni - Dimensions

Codice Part Number	H	A	B	C	D	E	F
NET9T05ZNN301	13	76	17	44	-	-	34
NET9T10ZNN301	20	83	18	45	-	-	34
NET9T18PNN301	30	92	16	44	-	21	33
NET9T25PNN301	45	119	28	56	-	36	45
NET9T34PNN301	45	119	28	56	-	36	45

MOTORI N T1 PLUG-IN

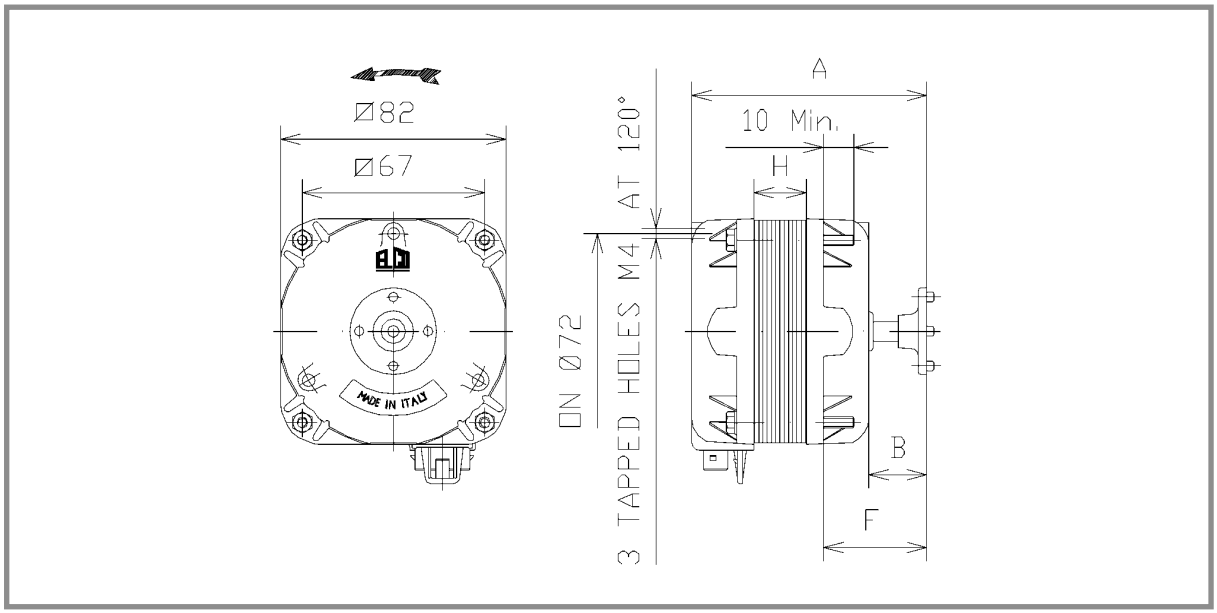
Motore con connettore speciale
(Brevetto Elco Nr. 0765024)
per collegamento mobile a cavo
di alimentazione.
Due differenti tipi di fissaggio
possibili:

- 3 fori filettati M4 a 120° su
  Ø 72 mm sul coperchio posteriore
- viti sporgenti M4 lato uscita albero
  per anello/rete.

N MOTORS T1 PLUG-IN

Motor with special flat pin terminal
(Elco Patent No. 0765024)
for connection to the supply cable.
Two different types of fixation:

- 3 x M4 tapped holes on
  72 mm PCD at 120°
- M4 protruding screws
  Drive End for ring/grid.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET1C05ZVN001	230/240	5	32	0,20	1300/1550	-	20 Pcs
NET1C10ZVN001	230/240	10	38	0,23	1300/1550	-	20 Pcs
NET1C16PVN001	230/240	16	65	0,45	1300/1550	-	15 Pcs
NET1C25PVN001	230/240	25	95	0,68	1300/1550	-	10 Pcs
NET1C34PVN001	230/240	34	120	0,87	1300/1550	-	10 Pcs

Dimensioni - Dimensions

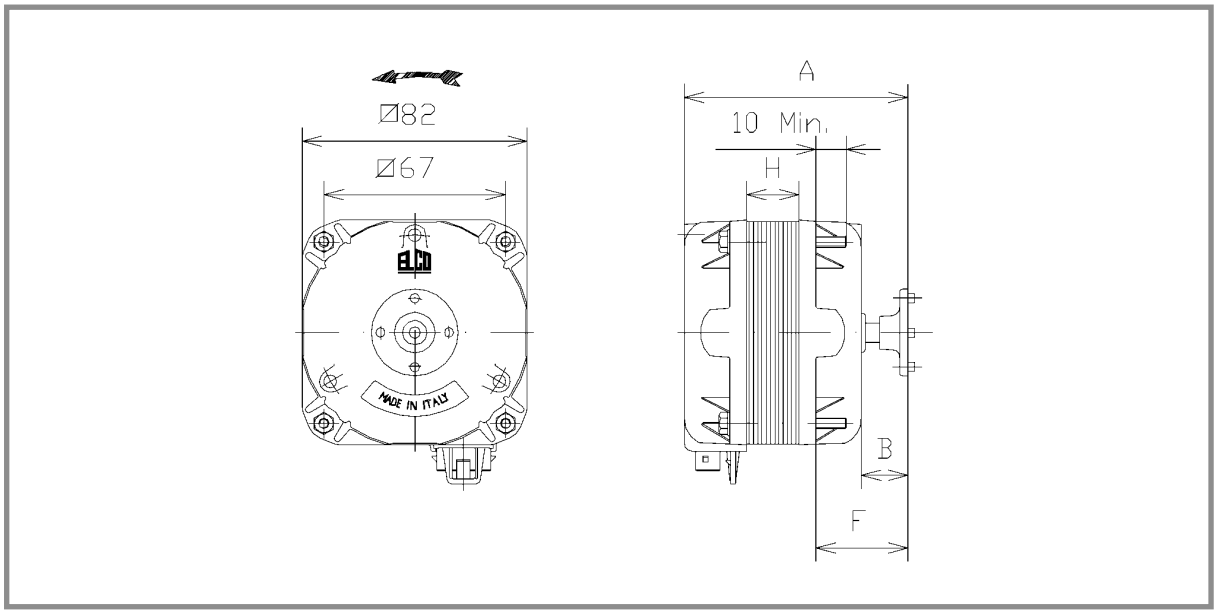
Codice Part Number	H	A	B	C	D	E	F
NET1C05ZVN001	13	80	21	-	-	-	38
NET1C10ZVN001	20	87	22	-	-	-	38
NET1C16PVN001	25	92	21	-	-	-	38
NET1C25PVN001	40	107	21	-	-	-	37
NET1C34PVN001	45	119	28	-	-	-	45

MOTORI N T2 PLUG-IN

Motore con connettore speciale
(Brevetto Elco Nr. 0765024)
per collegamento mobile a cavo
di alimentazione.
Un tipo di fissaggio possibile:
- viti sporgenti M4 lato uscita albero per anello/rete.

N MOTORS T2 PLUG-IN

Motor with special flat pin terminal
(Elco Patent No. 0765024)
for connection to the supply cable.
One type of fixation:
- M4 protruding screws Drive End for ring/grid.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET2C05ZVN001	230/240	5	32	0,20	1300/1550	-	20 Pcs
NET2C10ZVN001	230/240	10	38	0,23	1300/1550	-	20 Pcs
NET2C16PVN001	230/240	16	65	0,45	1300/1550	-	15 Pcs
NET2C25PVN001	230/240	25	95	0,68	1300/1550	-	10 Pcs
NET2C34PVN001	230/240	34	120	0,87	1300/1550	-	10 Pcs

Dimensioni - Dimensions

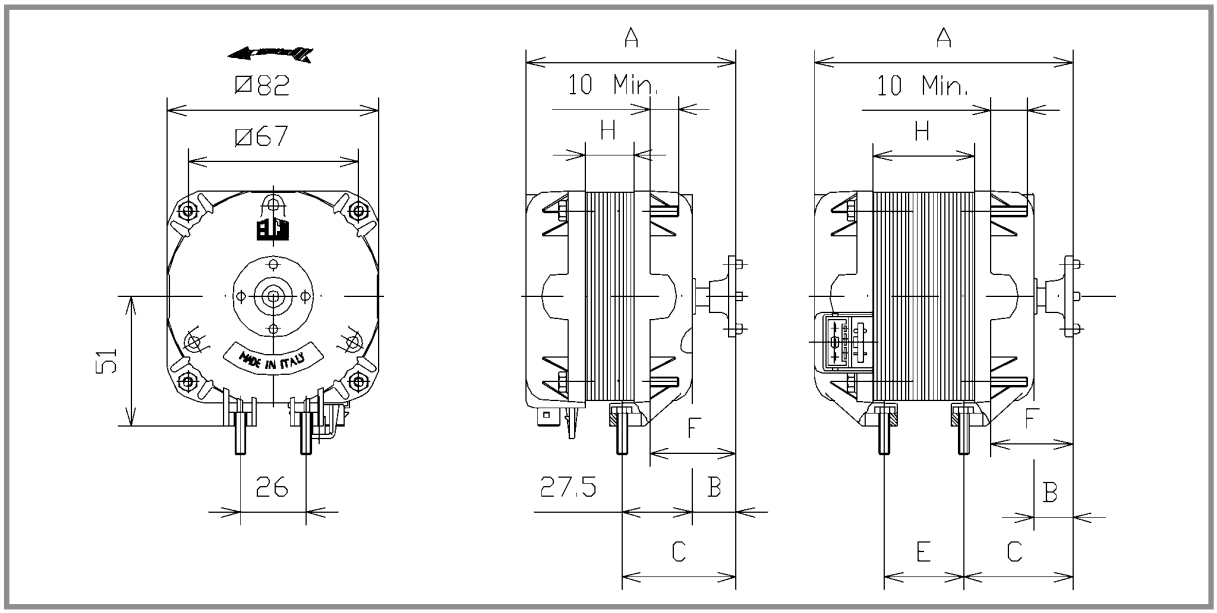
Codice Part Number	H	A	B	C	D	E	F
NET2C05ZVN001	13	76	17	-	-	-	34
NET2C10ZVN001	20	83	18	-	-	-	34
NET2C16PVN001	25	87	16	-	-	-	33
NET2C25PVN001	40	107	21	-	-	-	37
NET2C34PVN001	45	114	23	-	-	-	40

MOTORI N T3 PLUG-IN

Motore con connettore speciale (Brevetto Elco Nr. 0765024) per collegamento mobile a cavo di alimentazione.
Due differenti tipi di fissaggio possibili:
- viti sporgenti M4 lato uscita albero per anello/rete
- 2 viti M4 in basso per fissaggio con staffa.

N MOTORS T3 PLUG-IN

Motor with special flat pin terminal (Elco Patent No. 0765024) for connection to the supply cable.
Two different types of fixation:
- M4 protruding screws Drive End for ring/grid
- 2 x M4 bottom screws for stud mounting.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET3C05ZVN001	230/240	5	32	0,20	1300/1550	-	20 Pcs
NET3C10ZVN001	230/240	10	38	0,23	1300/1550	-	20 Pcs
NET3C16PVN001	230/240	16	65	0,45	1300/1550	-	15 Pcs
NET3C25PVN002	230/240	25	95	0,68	1300/1550	-	10 Pcs
NET3C34PVN001	230/240	34	120	0,87	1300/1550	-	10 Pcs

Dimensioni - Dimensions

Codice Part Number	H	A	B	C	D	E	F
NET3C05ZVN001	13	76	17	44	-	-	34
NET3C10ZVN001	20	83	18	45	-	-	34
NET3C16PVN001	25	87	16	43	-	-	33
NET3C25PVN002	40	102	16	43	-	31	32
NET3C34PVN001	45	119	28	56	-	36	45

MOTORI N T4 PLUG-IN

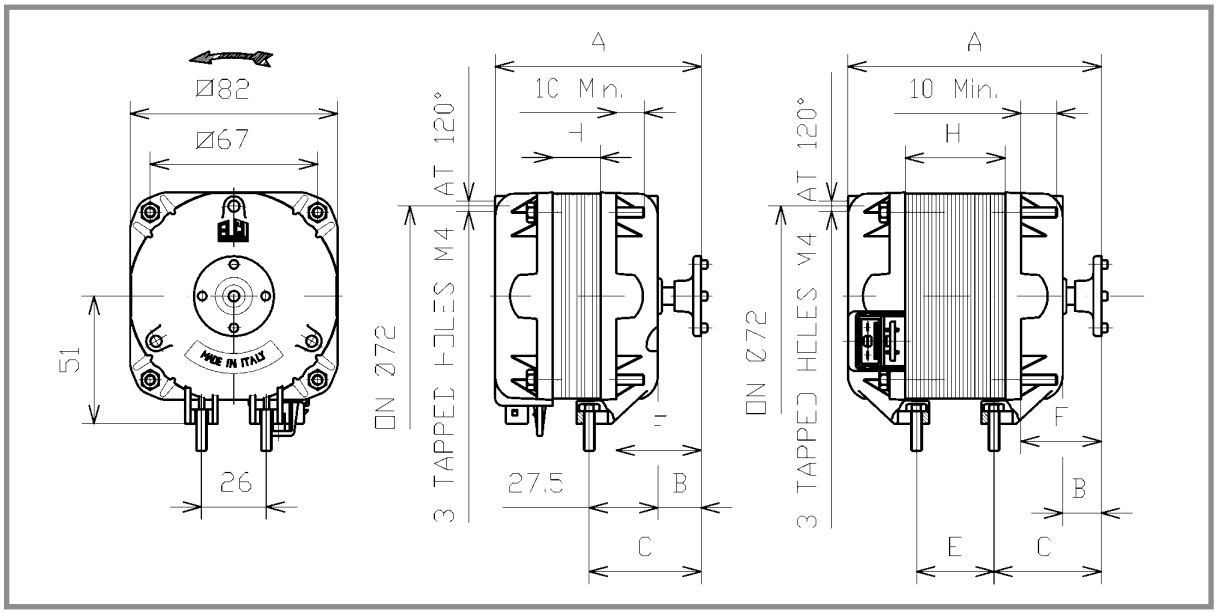
Motore con connettore speciale (Brevetto Elco Nr. 0765024) per collegamento mobile a cavo di alimentazione.
Tre differenti tipi di fissaggio possibili:

- 3 fori filettati M4 a 120° su Ø 72 mm sul coperchio posteriore
- viti sporgenti M4 lato uscita albero per anello/rete
- 2 viti M4 in basso per fissaggio con staffa.

N MOTORS T4 PLUG-IN

Motor with special flat pin terminal (Elco Patent No. 0765024) for connection to the supply cable.
Three different types of fixation:

- 3 x M4 tapped holes on 72 mm PCD at 120°
- M4 protruding screws Drive End for ring/grid
- 2 x M4 bottom screws for stud mounting.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NET4C05ZVN001	230/240	5	32	0,20	1300/1550	-	20 Pcs
NET4C10ZVN001	230/240	10	38	0,23	1300/1550	-	20 Pcs
NET4C16PVN001	230/240	16	65	0,45	1300/1550	-	15 Pcs
NET4C25PVN001	230/240	25	95	0,68	1300/1550	-	10 Pcs
NET4C34PVN001	230/240	34	120	0,87	1300/1550	-	10 Pcs

Dimensioni - Dimensions

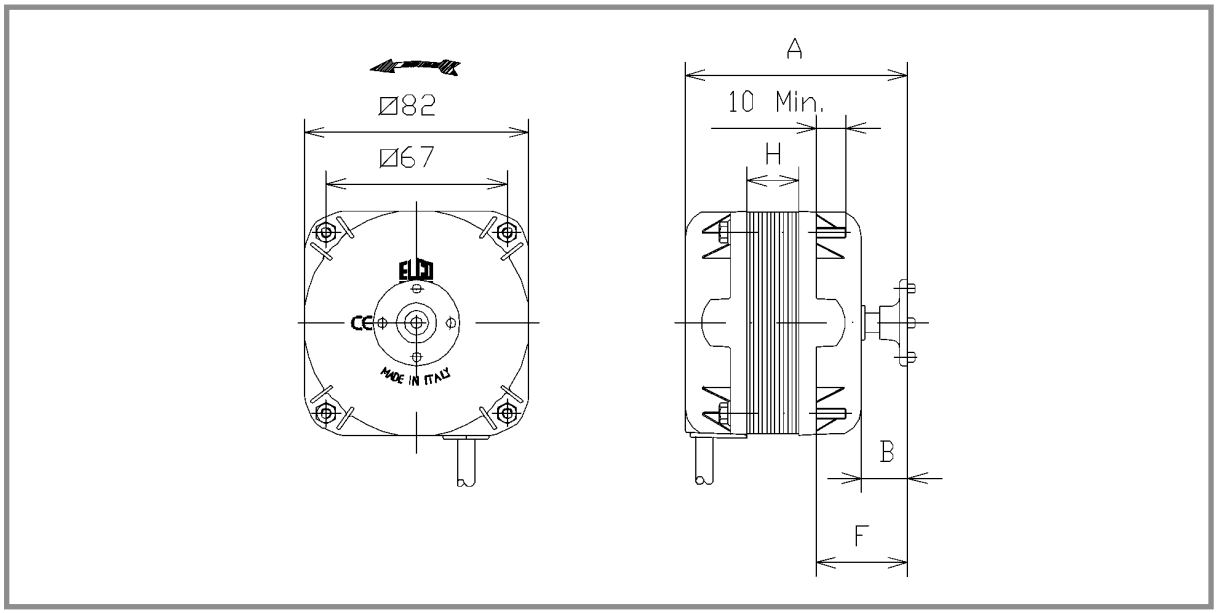
Codice Part Number	H	A	B	C	D	E	F
NET4C05ZVN001	13	80	21	48	-	-	38
NET4C10ZVN001	20	87	22	49	-	-	38
NET4C16PVN001	25	92	21	48	-	-	38
NET4C25PVN001	40	112	26	53	-	31	42
NET4C34PVN001	45	119	28	56	-	36	45

MOTORI N T2 PLASTICA

Motori con coperchi in materiale termoplastico.
Un tipo di fissaggio possibile:
- viti sporgenti M4 lato uscita albero per anello/rete.

N MOTORS T2 PLASTIC

Motors with thermoplastic end-shields.
One type of fixation:
- M4 protruding screws Drive End for ring/grid.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NPT2T05ZVN001	230	5	32	0,20	1300/1550	500	20 Pcs
NPT2T10ZVN001	230	10	38	0,23	1300/1550	500	20 Pcs
NPT2T16PVN001	230	16	65	0,45	1300/1550	500	15 Pcs

Dimensioni - Dimensions

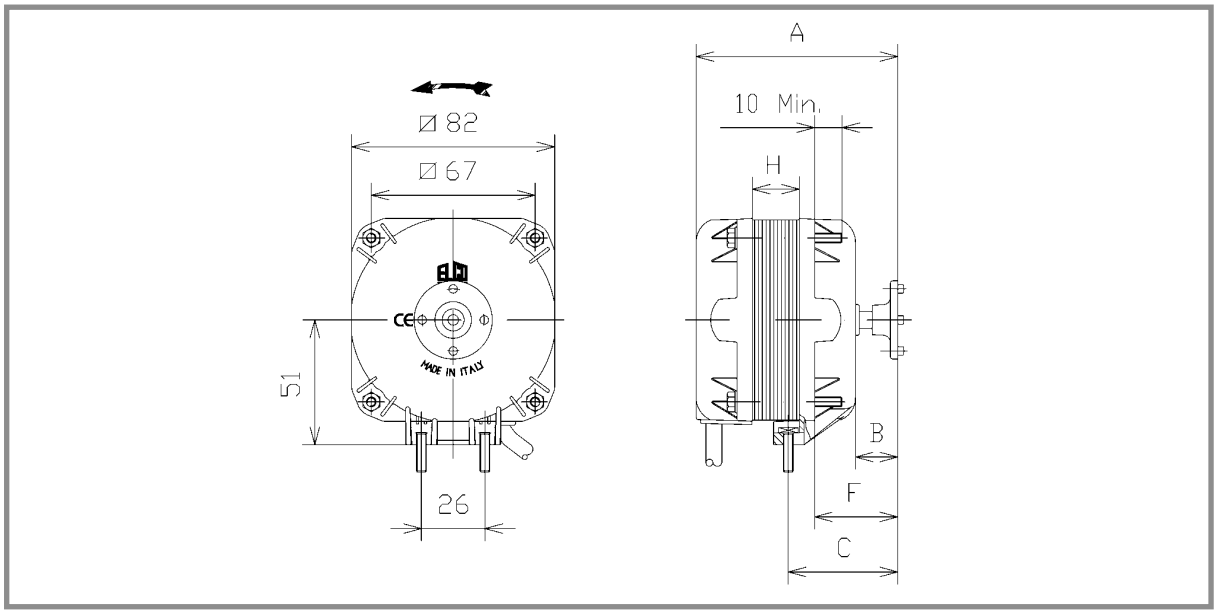
Codice Part Number	H	A	B	C	D	E	F
NPT2T05ZVN001	13	76	17	-	-	-	34
NPT2T10ZVN001	20	83	18	-	-	-	34
NPT2T16PVN001	25	87	16	-	-	-	33

MOTORI N T3 PLASTICA

Motori con coperchi
in materiale termoplastico.
Due differenti tipi di fissaggio
possibili:
- viti sporgenti M4 lato uscita albero per anello/rete
- 2 viti M4 in basso per fissaggio con staffa.

N MOTORS T3 PLASTIC

Motors with thermoplastic
end-shields.
Two different types
of fixation:
- M4 protruding screws Drive End for ring/grid
- 2 x M4 bottom screws for stud mounting.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RPM	Cavo-Cable mm	Imballo Packing
NPT3T05ZVN004	230	5	32	0,20	1300/1550	500	20 Pcs
NPT3T10ZVN003	230	10	38	0,23	1300/1550	500	20 Pcs
NPT3T16PVN001	230	16	65	0,45	1300/1550	500	15 Pcs

Dimensioni - Dimensions

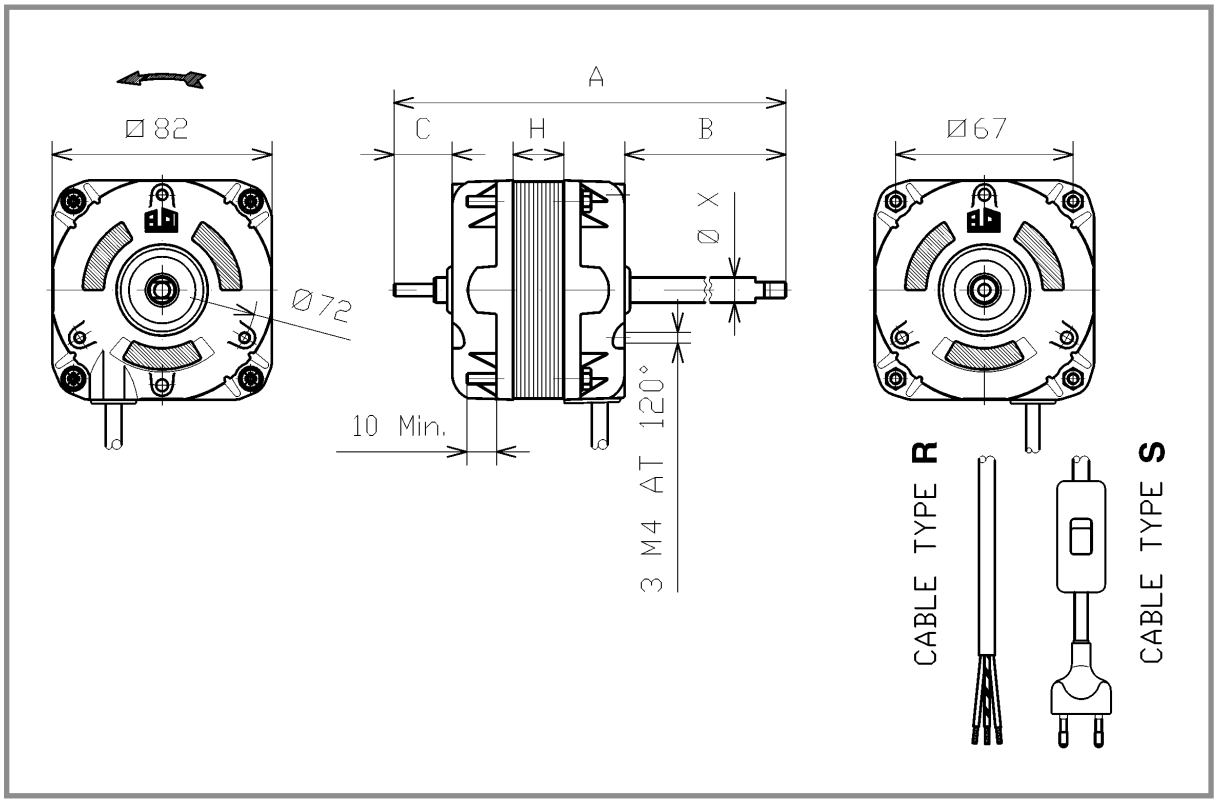
Codice Part Number	H	A	B	C	D	E	F
NPT3T05ZVN004	13	76	17	44	-	-	34
NPT3T10ZVN003	20	83	18	45	-	-	34
NPT3T16PVN001	25	87	16	43	-	-	33

MOTORI N
MIXER

N MOTORS
MIXER

Motori speciali con doppia sporgenza albero per collegamento ventolina agitatrice liquido e ventola di raffreddamento motore (non comprese nella fornitura).

Special double shaft motors for the coupling of the mixer fan and of the cooling fan (not included).



Prestazioni e Dimensioni - Performances and Dimensions

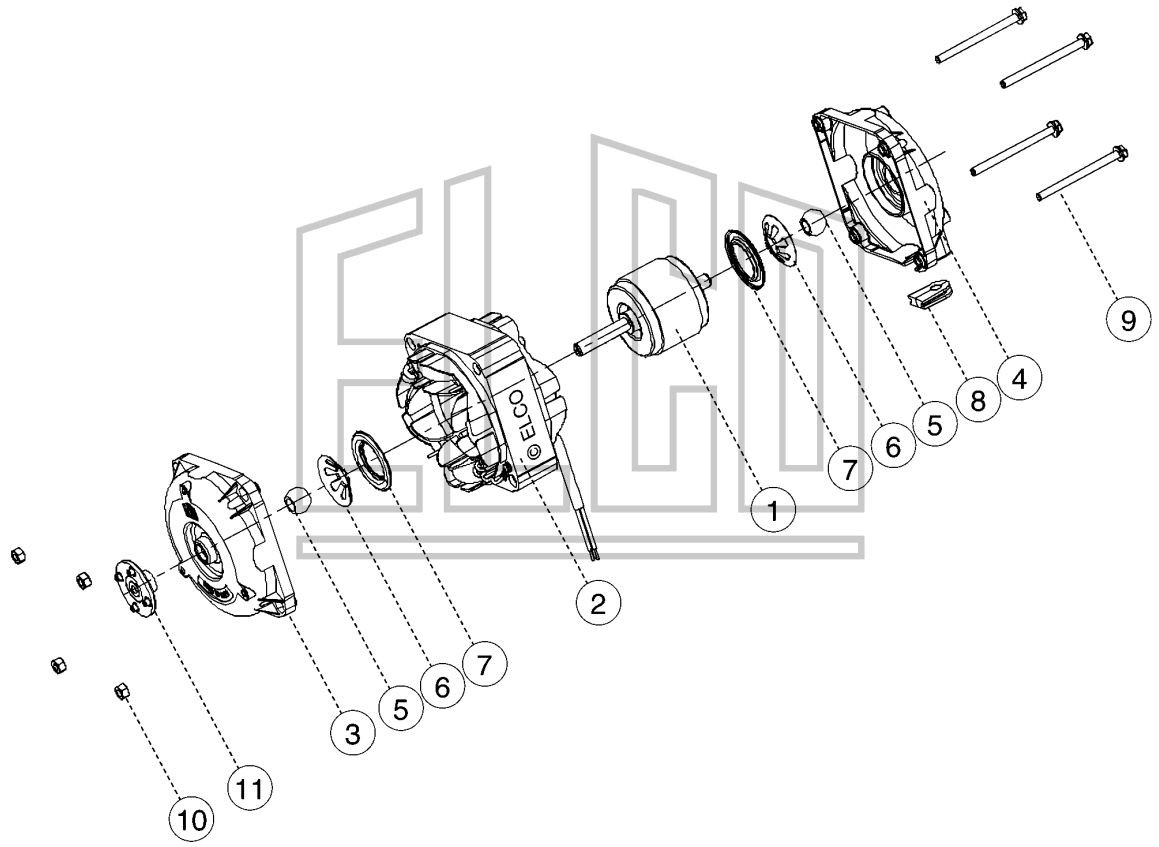
Codice Part Number	Volt-Hz	W Out	W In	H	A	B	C	Ø X	Cavo-Cable mm
NET7B08NNN501	127-60	8	43	20	275	188	22	9,52	S 2040
NET7B08NNN801	220-60	8	39	20	275	188	22	9,52	S 2040
NET7T07PNN201	230-50/60	7	30	30	334	251	-	7,00	R 1030
NET7B28NNN501	127-60	28	98	45	413	300	22	9,52	S 2015
NET7B28NNN502	127-60	28	98	45	363	250	22	9,52	S 2015
NET7B20NNN801	220-60	20	90	45	363	250	22	9,52	S 2015
NET7B20NNN802	220-60	20	90	45	413	300	22	9,52	S 2015
NET7B20NNN803	220-60	20	90	45	453	340	22	9,52	S 2015

MOTORI N
COMPONENTI BASE

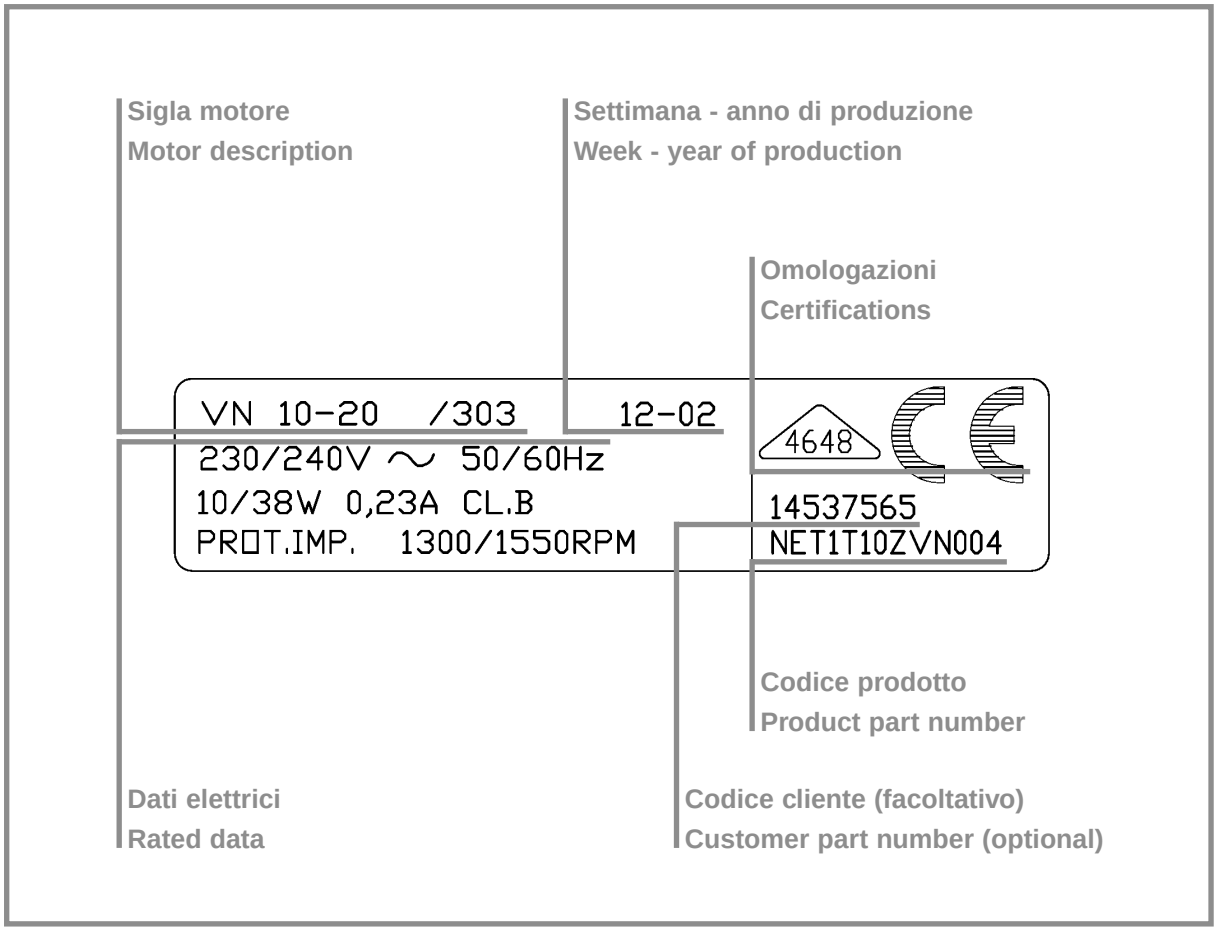
1 Gruppo indotto
2 Gruppo statore
3 Coperchio anteriore
4 Coperchio posteriore
5 Bronzina
6 Contenitore
7 Coperchietto
8 Passacavo
9 Vite
10 Dado
11 Portaventola

N MOTORS
MAIN COMPONENTS

1 Rotor shaft assembly
2 Stator
3 Drive end-shield
4 Non drive end-shield
5 Sleeve bearing
6 Washer
7 Cover
8 Cable gland
9 Screw
10 Nut
11 Blade holder

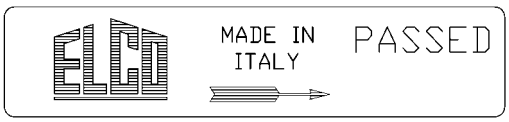


ETICHETTA LABEL



Etichette di collaudo

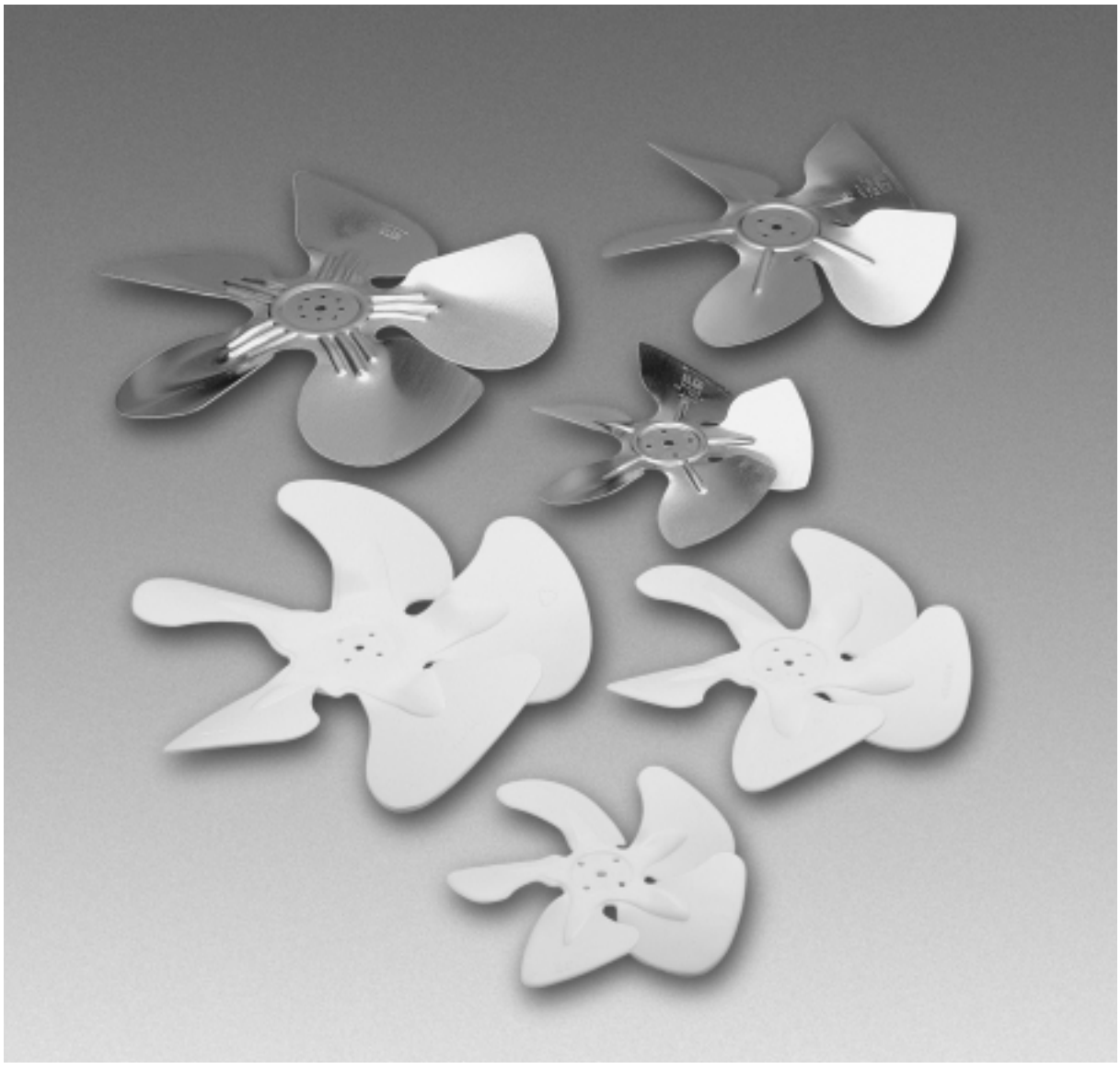
Quality test labels



VENTOLE FAN BLADES

La gamma di ventole assiali a 5 pale comprende le versioni in alluminio (aspiranti e prementi) nei Ø 154, 172, 200, 230, 254, 275, 300 con inclinazioni comprese tra 19° e 34°, e in materiale termoplastico (solo aspiranti) nei Ø 154, 172, 200, 230, 254 e con inclinazioni definite.

The range of 5 bladed axial fans includes aluminium models, sucking and blowing, in the following diameters Ø 154, 172, 200, 230, 254, 275, 300, pitches available from 19° up to 34° and thermoplastic models, sucking only, Ø 154, 172, 200, 230, 254 and specific pitches are available.



VENTOLE FAN BLADES

In questa tabella sono indicati i limiti per l'accoppiamento ottimale fra motori e ventole.

In this table you have the limits for the motor / fan blade couplings.

Ventole in plastica - Limite di accoppiamento motore/ventola
Plastic fan blades - Motor/fan coupling limits

Motore Motor	**VN 5-13**		**VN 10-20**		**VNT 16-25**		**VNT 25-40**		**VNT 34-45**		Ø Ventola Fan blade
Freq. Hz	50	60	50	60	50	60	50	60	50	60	
α (°) max	28	28									154
	31	31									172
	34	34	34	34							200
			31	31	31	31					230
					28	28	28	28			254

Ventole in alluminio - Limite di accoppiamento motore/ventola
Aluminium fan blades - Motor/fan coupling limits

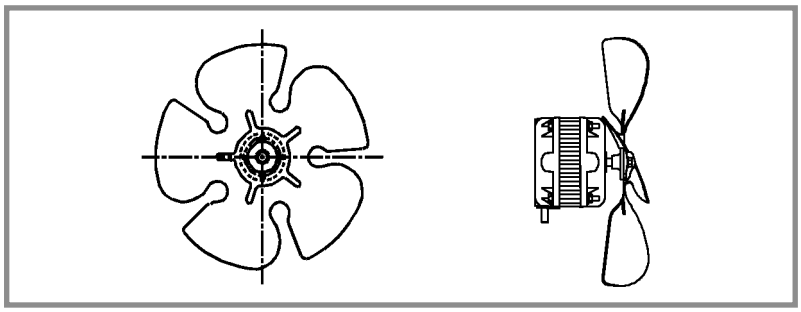
Motore Motor	**VN 5-13**		**VN 10-20**		**VNT 16-25**		**VNT 25-40**		**VNT 34-45**		Ø Ventola Fan blade
Freq. Hz	50	60	50	60	50	60	50	60	50	60	
α (°) max	34	34									154
	34	34	34	34							172
	34	34	34	34							200
	25	22	34	28	34	34					230
			28	22	34	28	34	34			254
					25	22	31	31	34	28	300

CURVE DI PORTATA MOTORE CON VENTOLA IN PLASTICA

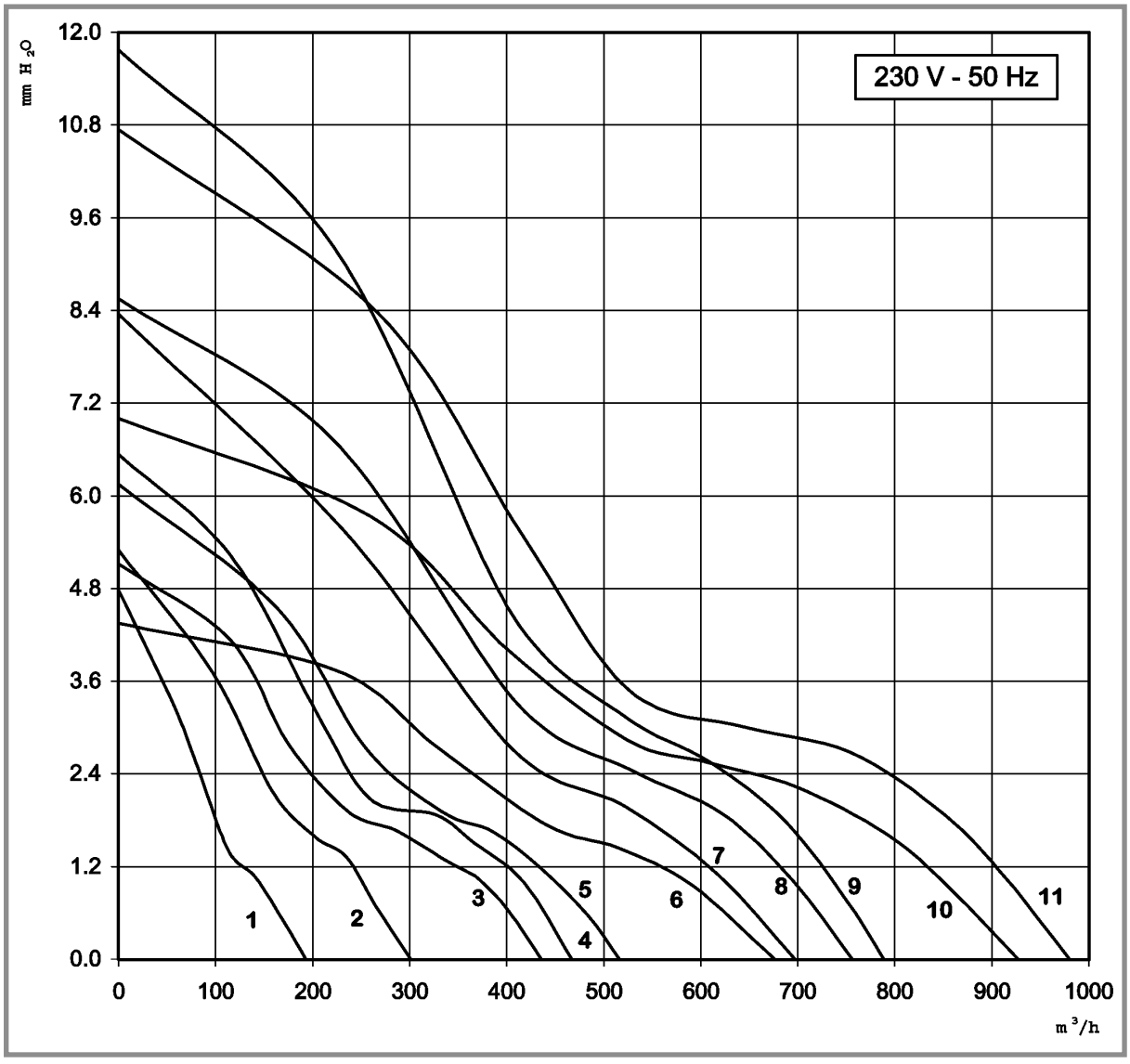
AIR FLOW PERFORMANCE MOTOR WITH PLASTIC FAN BLADE

Le curve sotto riportate indicano le prestazioni aerauliche per i più comuni accoppiamenti motore/ventola in plastica.

The under-drawn curves show the airflow performance for the most common motor/plastic blade couplings.



1 = VN 5-13 + ø 154x28°
2 = VN 5-13 + ø 172x31°
3 = VN 5-13 + ø 200x28°
4 = VN 10-20 + ø 200x28°
5 = VN 10-20 + ø 200x34°
6 = VN 10-20 + ø 230x31°
7 = VNT 16-25 + ø 230x31°
8 = VNT 16-25 + ø 254x22°
9 = VNT 25-40 + ø 254x22°
10 = VNT 16-25 + ø 254x28°
11 = VNT 25-40 + ø 254x28°

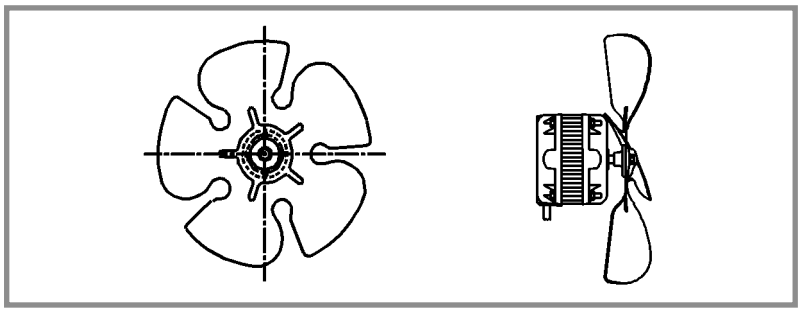


CURVE DI PORTATA MOTORE CON VENTOLA IN ALLUMINIO

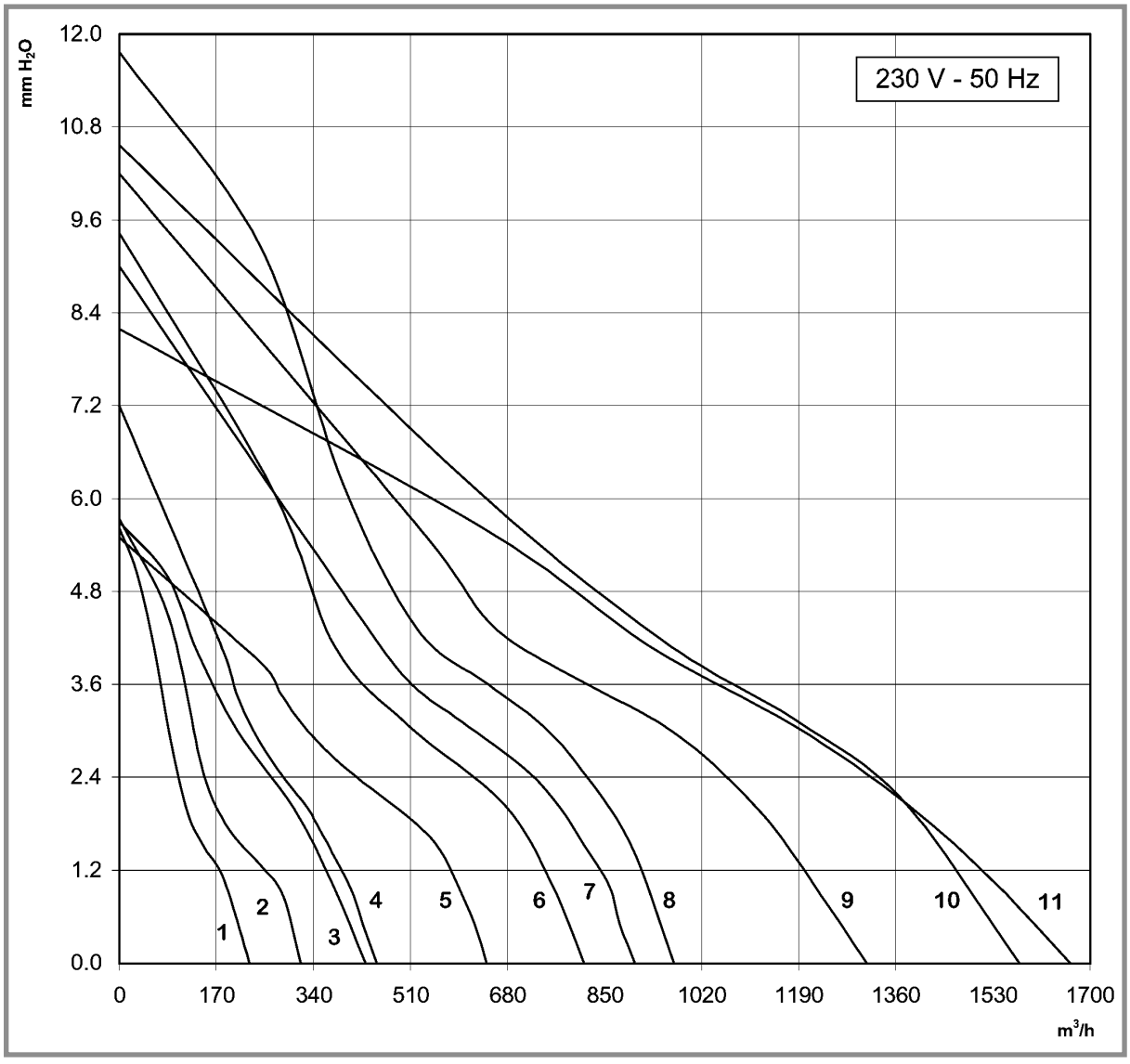
AIR FLOW PERFORMANCE MOTOR WITH ALUMINIUM FAN BLADE

Le curve sotto riportate indicano le prestazioni aerauliche per i più comuni accoppiamenti motore/ventola in alluminio.

The under-drawn curves show the airflow performance for the most common motor/aluminium blade couplings.



1 = VN 5-13 + ø 154x34°
2 = VN 5-13 + ø 172x34°
3 = VN 5-13 + ø 200x28°
4 = VN 10-20 + ø 200x28°
5 = VN 10-20 + ø 230x28°
6 = VNT 16-25 + ø 230x34°
7 = VNT 16-25 + ø 254x28°
8 = VNT 25-40 + ø 254x28°
9 = VNT 25-40 + ø 300x22°
10 = VNT 34-45 + ø 300x28°
11 = VNT 34-45 + ø 300x34°

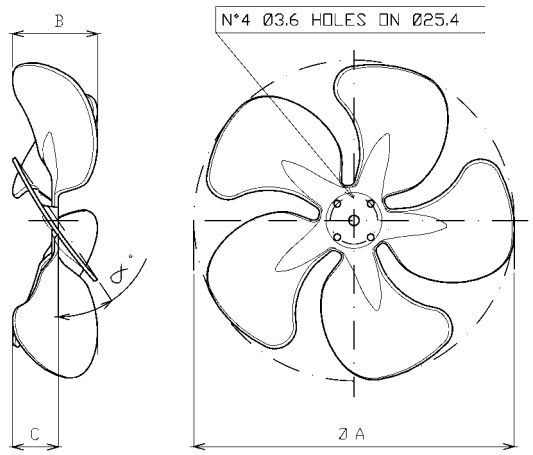


VENTOLE PLASTICA ASPIRANTI

PLASTIC FAN BLADES SUCKING

Tavola di identificazione delle ventole in plastica. Campo di impiego -40°C +80°C.

Selection table for plastic fan blades. Temperature range -40°C +80°C.



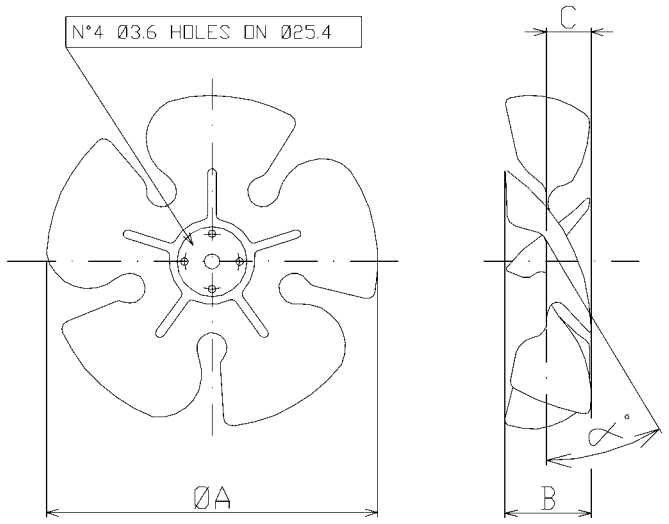
Ø A		154	172	200	230	254
22°	Part Number					**4VEA008**
	B					47
	C					25
	Packing					170
25°	Part Number				**4VEA013**	
	B				46	
	C				23	
	Packing				180	
28°	Part Number	**4VEA012**		**4VEA009**		**4VEA007**
	B	34		44		56
	C	19		27		32
	Packing	226		180		140
31°	Part Number		**4VEA011**		**4VEA006**	
	B		40		52	
	C		24		28	
	Packing		220		170	
34°	Part Number			**4VEA010**		
	B			51		
	C			29		
	Packing			170		

VENTOLE ALLUMINIO ASPIRANTI

Tavola di identificazione delle ventole in alluminio versione aspirante.

ALUMINIUM FAN BLADES SUCKING

Selection table for aluminium fan blades sucking version.



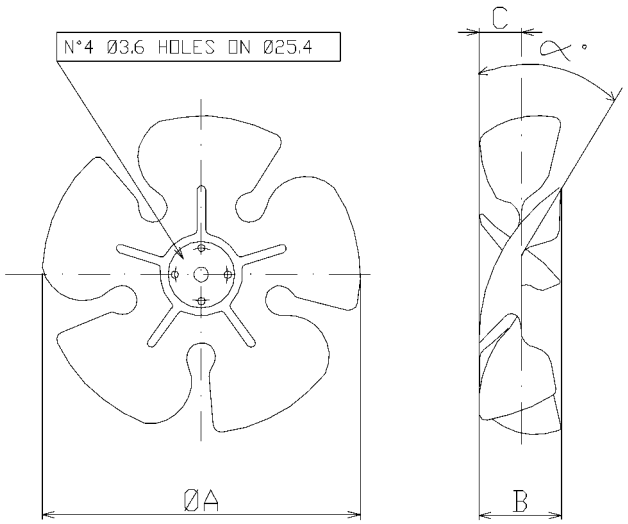
Ø A		154	172	200	230	254	300
19°	Part Number	**4012309**	**4012298**	**4012200**	**4012148**	**4012259**	**4012258**
	B	24	25	26	28	29	35
	C	13	15	15	16	16	23
	Packing	50	50	50	50	45	30
22°	Part Number	**4012002**	**4012005**	**4012009**	**4012013**	**4012015**	**4012018**
	B	27	28	30	33	34	41
	C	15	15	15	20	20	25
	Packing	50	50	50	50	45	30
25°	Part Number	**4012256**	**4012257**	**4012220**	**4012149**	**4012255**	**4012262**
	B	31	31	33	37	38	45
	C	17	16	16	22	22	28
	Packing	50	50	50	50	50	20
28°	Part Number	**4012003**	**4012006**	**4012010**	**4012038**	**4012132**	**4012019**
	B	34	35	37	41	42	54
	C	17	17	18	24	24	29
	Packing	50	50	50	50	50	20
31°	Part Number	**4012004**	**4012299**	**4012011**	**4012014**	**4012016**	**4012020**
	B	37	39	41	46	46	55
	C	18	18	20	26	27	31
	Packing	50	50	50	40	40	20
34°	Part Number	**4012310**	**4012300**	**4012201**	**4012150**	**4012261**	**4012263**
	B	40	42	44	50	51	63
	C	21	21	23	29	30	33
	Packing	50	50	50	40	40	20

VENTOLE ALLUMINIO PREMENTI

ALUMINIUM FAN BLADES BLOWING

Tavola di identificazione delle ventole in alluminio versione premente.

Selection table for aluminium fan blades blowing version.



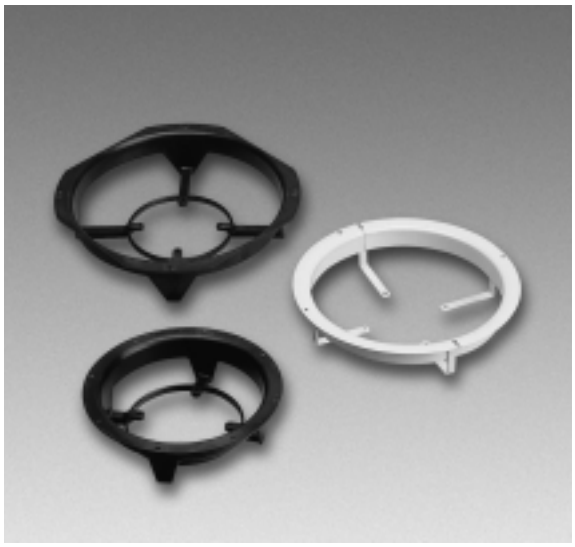
Ø A		154	172	200	230	254	300
19°	Part Number	**4012530**	**4012540**	**4012510**	**4012344**	**4012342**	
	B	24	25	26	28	29	
	C	13	15	15	16	16	
	Packing	50	50	50	40	40	
22°	Part Number	**4012531**	**4012541**	**4012511**	**4012321**	**4012322**	**50121002**
	B	27	28	30	34	35	40
	C	15	15	15	20	20	23
	Packing	50	50	50	40	30	20
25°	Part Number	**4012532**	**4012542**	**4012512**	**4012345**	**4012347**	
	B	31	31	33	39	40	
	C	15	16	16	22	22	
	Packing	50	50	50	25	25	
28°	Part Number	**4012533**	**4012543**	**4012513**	**4012324**	**4012325**	**50121003**
	B	34	35	37	43	44	57
	C	17	17	18	24	24	34
	Packing	50	50	50	25	25	20
31°	Part Number	**4012534**	**4012544**	**4012514**	**4012346**	**4012323**	
	B	37	39	41	47	48	
	C	18	18	20	26	27	
	Packing	40	40	40	20	20	
34°	Part Number	**4012535**	**4012545**	**4012515**	**4012329**	**4012328**	**50121005**
	B	40	42	44	52	53	65
	C	21	21	23	29	30	35
	Packing	40	40	40	20	20	15

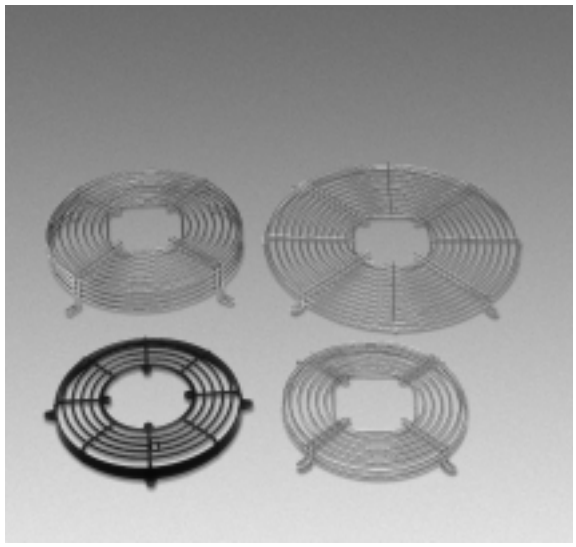
ACCESSORI
ANELLI, GRIGLIE, STAFFE, CAVI

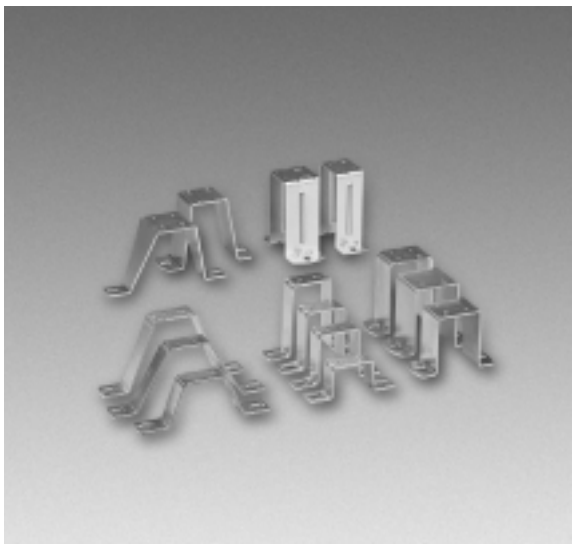
Le tipologie di accessori descritti nelle pagine successive sono quelle standard.
Su richiesta, possono essere prodotti componenti specifici secondo disegno del cliente.

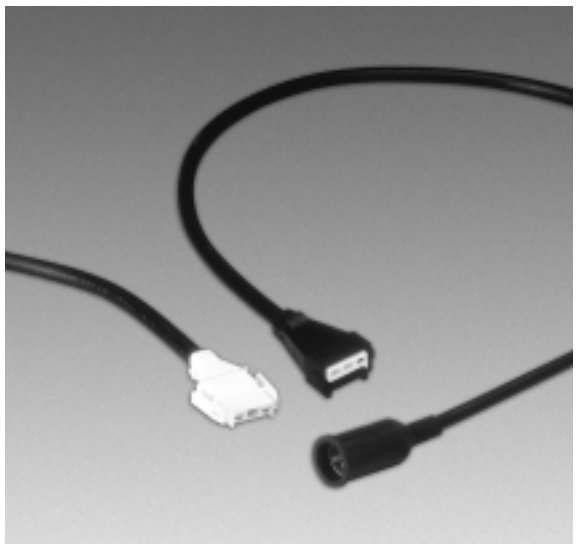
ACCESSORIES
RINGS, GRIDS, BRACKETS, CABLES

The accessories illustrated in the following pages are the standard ones.
Special components can be manufactured on request.





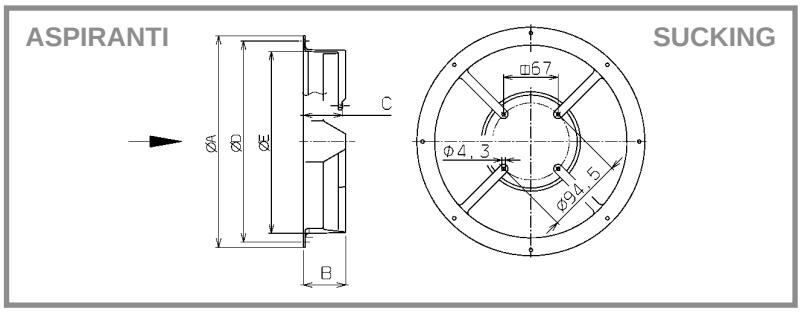




ANELLI RINGS

Anelli in materiale termoplastico

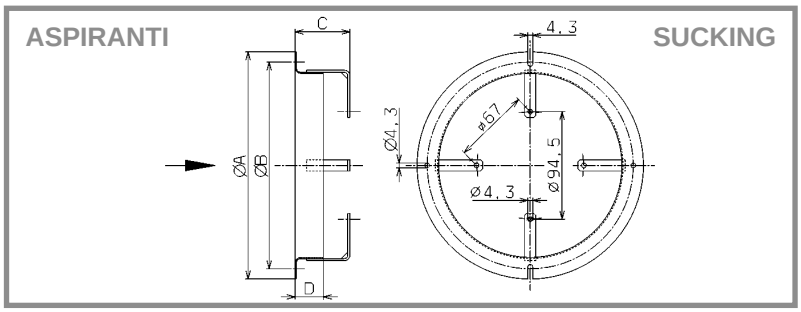
Thermoplastic rings



Ø Ventola - Fan Blade	154	172	200	230	254	
A	200	220	248	280	302	
B	56	56	56	60	60	
C	48	48	48	51.5	51.5	
D	190	208	236	266	290	
E	162	180	208	238	264	
Codice - Part Number	**1072943**	**1072944**	**1072946**	**1072891**	**1072892**	

Anelli in acciaio verniciato

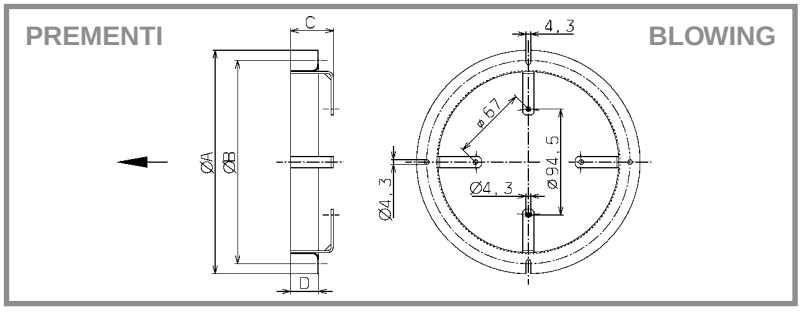
Steel rings painted



Ø Ventola - Fan Blade	154	172	200	230	254	300
A	162	180	208	238	262	308
B	200	220	248	278	302	350
C	49	49	49	49	49	49
D	25	26	26	26	26	26
E	190	208	236	266	290	344
Codice - Part Number	**3255003**	**3255002**	**3255004**	**3255009**	**3255006**	**3255008**

Anelli in acciaio verniciato

Steel rings painted

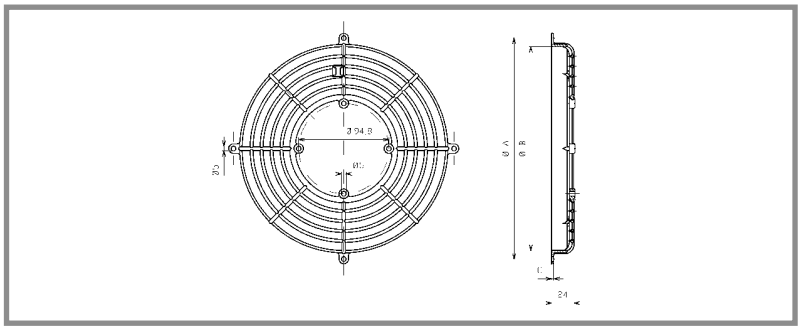


Ø Ventola - Fan Blade	154	172	200	230	254	300
A	162	180	208	238	262	308
B	200	220	248	278	302	356
C	36	36	36	36	36	36
D	25	26	26	26	26	30
E	190	208	236	266	290	344
Codice - Part Number	**3255010**	**3255011**	**3255012**	**3255013**	**3255014**	**3255078**

GRIGLIE GRIDS

Griglie
in materiale termoplastico

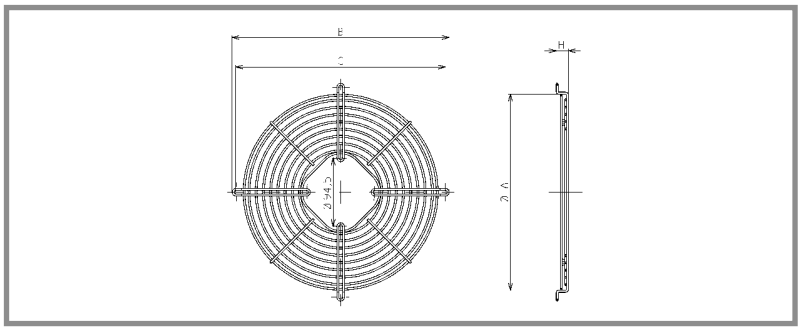
Thermoplastic grids



Ø Ventola - Fan Blade			**200**		**254**	
A			214		264	
B			232		288	
C			2.5		4.0	
Codice - Part Number			**1055223**		**1055224**	

Griglie
in acciaio galvanizzato

Galvanized steel grids

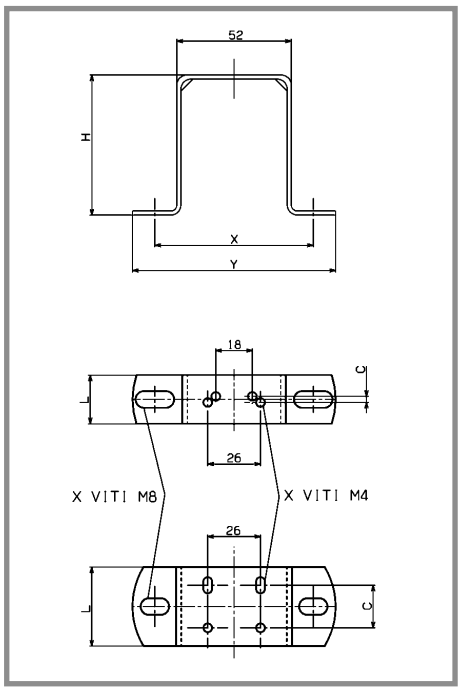


Ø Ventola - Fan Blade	**154**	**172**	**200**	**230**	**254**	**300**
A	170	188	214	246	270	324
B	202	220	248	278	300	354
C	190	208	236	266	290	344
D	-	-	-	-	-	-
H	11	11	25	27	17	17
Codice - Part Number	**1055299**	**1055300**	**1055317**	**1055318**	**1055303**	**1055304**

STAFFE BRACKETS

Staffe dritte

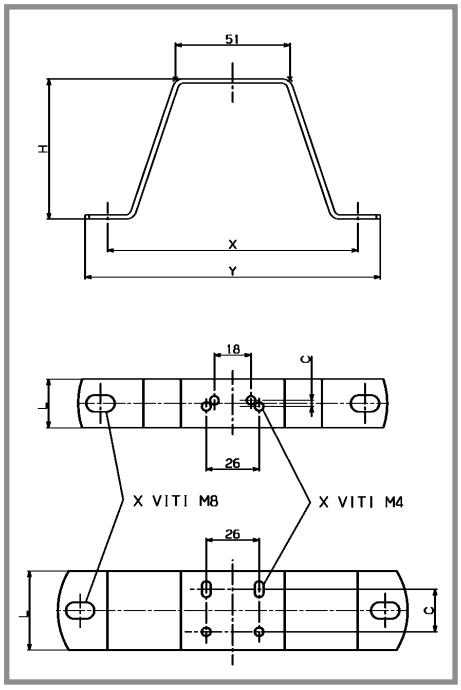
Straight brackets



Codice Part Number	H	X	Y	C	L
1038101	39	81	106	3,0	24
1038103	52	81	106	3,0	24
1038110	72	81	106	3,0	24
1038113	84	81	106	3,0	24
1038007	73	78	100	21,0	39
1038049	84	78	100	21,0	39
1038003	109	78	100	21,0	39
1038002	109	78	100	34,5	49

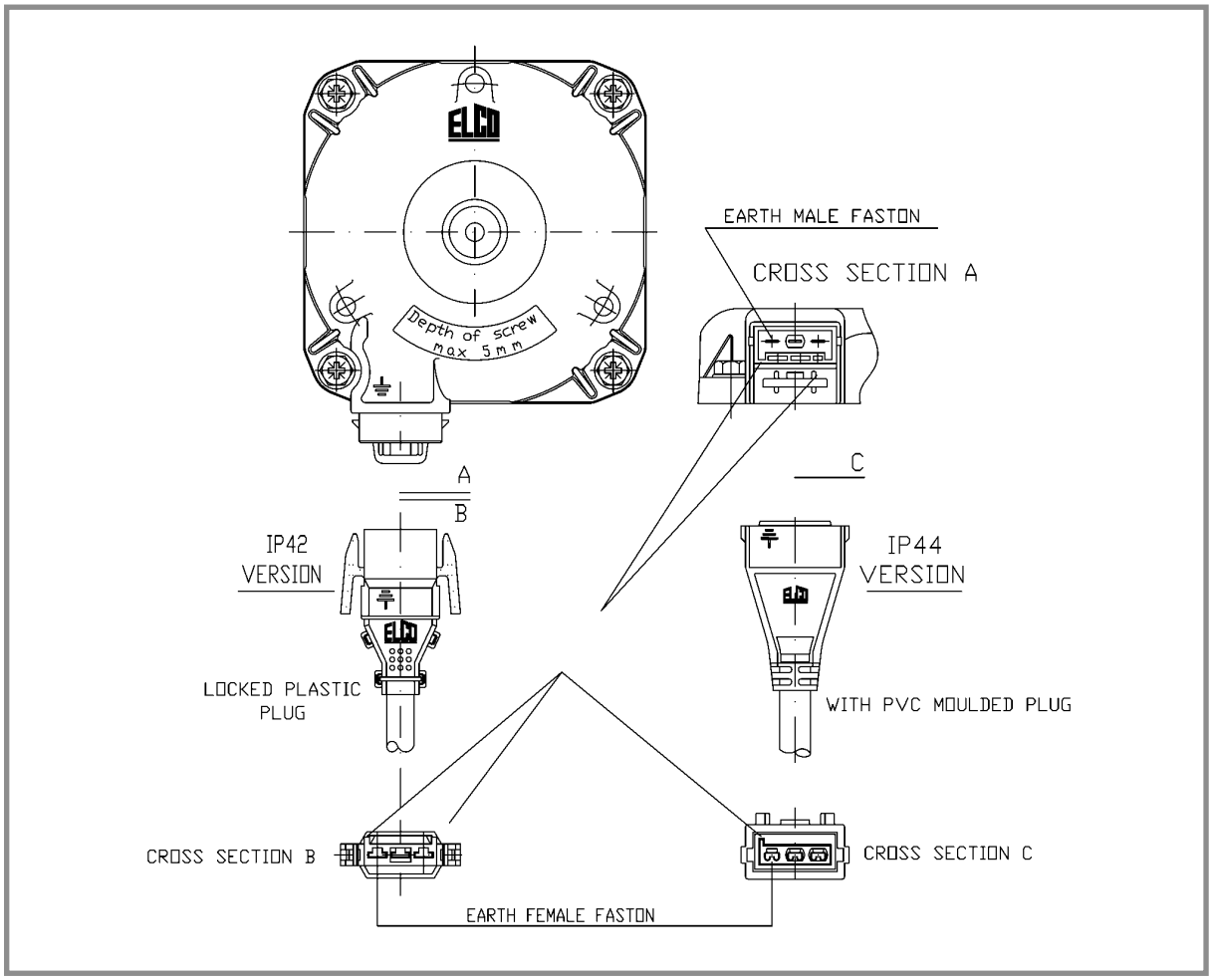
Staffe a V

V-form brackets



Codice Part Number	H	X	Y	C	L
1038152	52	130	152	3,0	24
1038162	72	159	181	3,0	24
1038157	84	142	164	3,0	24
1038061	90	110	132	34,5	49
1038009	112	150	172	21,0	39

CAVI CABLES
TRIPOLARE CON CONNETTORE
3-CORE CABLE WITH PLUG



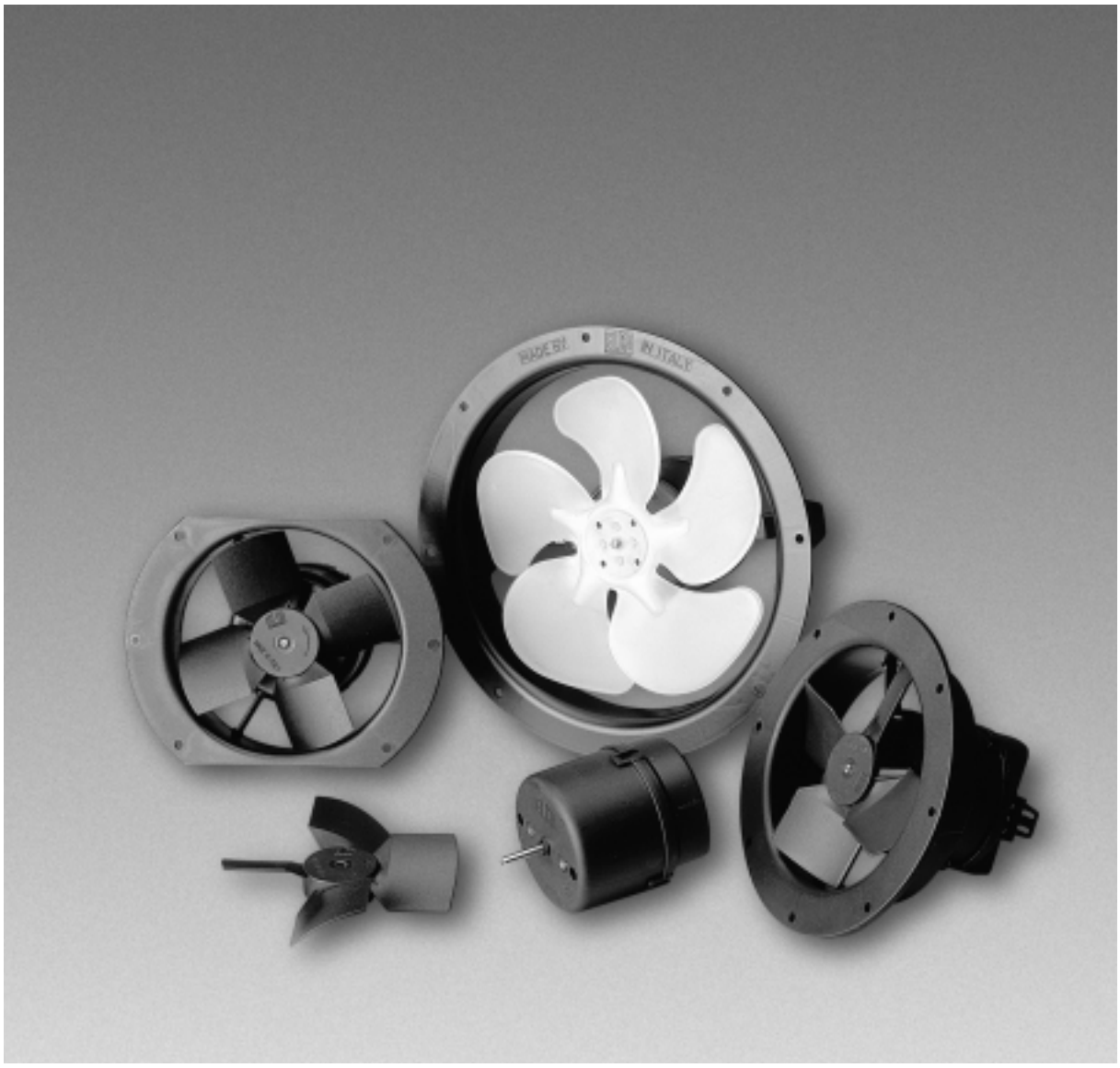
Lunghezza - Lenght mm	Sezione - Section mm^2	**IP42** Codice - Part Number	**IP44** Codice - Part Number
500	0,75	**3-334-116/IMB**	**3-334-007/IMB**
1000	0,75	**3-334-117/IMB**	**3-334-008/IMB**
1500	0,75	**3-334-118/IMB**	**3-334-009/IMB**
2000	0,75	**3-334-120/IMB**	**3-334-010/IMB**
2500	0,75	**3-334-121/IMB**	**3-334-011/IMB**
3000	0,75	**3-334-122/IMB**	**3-334-012/IMB**
3500	1,00	**3-209-033/IMB**	**3-209-017/IMB**
4000	1,00	**3-209-034/IMB**	**3-209-018/IMB**
4500	1,00	**3-209-035/IMB**	**3-209-019/IMB**
5000	1,00	**3-209-036/IMB**	**3-209-020/IMB**

MOTORI M58

M58 MOTORS

I motori shaded pole della **Serie M58** sono specificatamente studiati per applicazioni nel settore refrigerazione industriale, commerciale, piccole unità condensanti.

The fans of the **M58 Series** are designed for industrial refrigeration, commercial refrigeration and small condensing units.

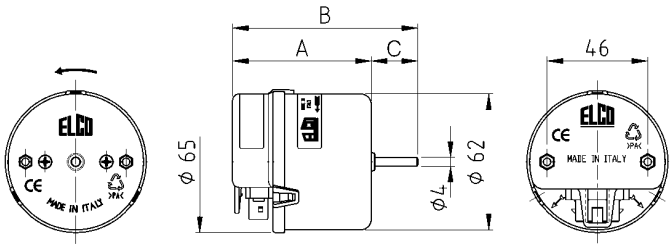


MOTORI M58

I motori della serie M58 sono monofase a 2 poli schermati con corpo in materiale termoplastico, grado di protezione IP42, classe di isolamento B, funzionanti alla tensione nominale di 230 V, 50-60 Hz, potenza di 1-2 Watt. Supporti con bronzine autolubrificanti e autoallineanti, albero Ø 4 mm, rotazione antioraria vista lato albero, protezione a rotore bloccato per impedenza, conformi alle norme CENELEC EN 60335-1. Posizioni di fissaggio verticale e orizzontale, limiti di temperatura –30°C +40°C.

M58 MOTORS

The M58 series motors are shaded pole motors, 2 poles, with plastic body, protection class IP42, insulation class B, designed for a nominal tension of 230 V, 50-60 Hz, output power 1-2 W. Self-lubricating and self-aligning sleeve bearings, 4 mm shaft diameter, CCW rotation shaft view, impedance locked rotor protection, complying with EN 60335-1 CENELEC standards. Suitable for horizontal and vertical mounting, within an ambient temperature range of –30°C +40°C.



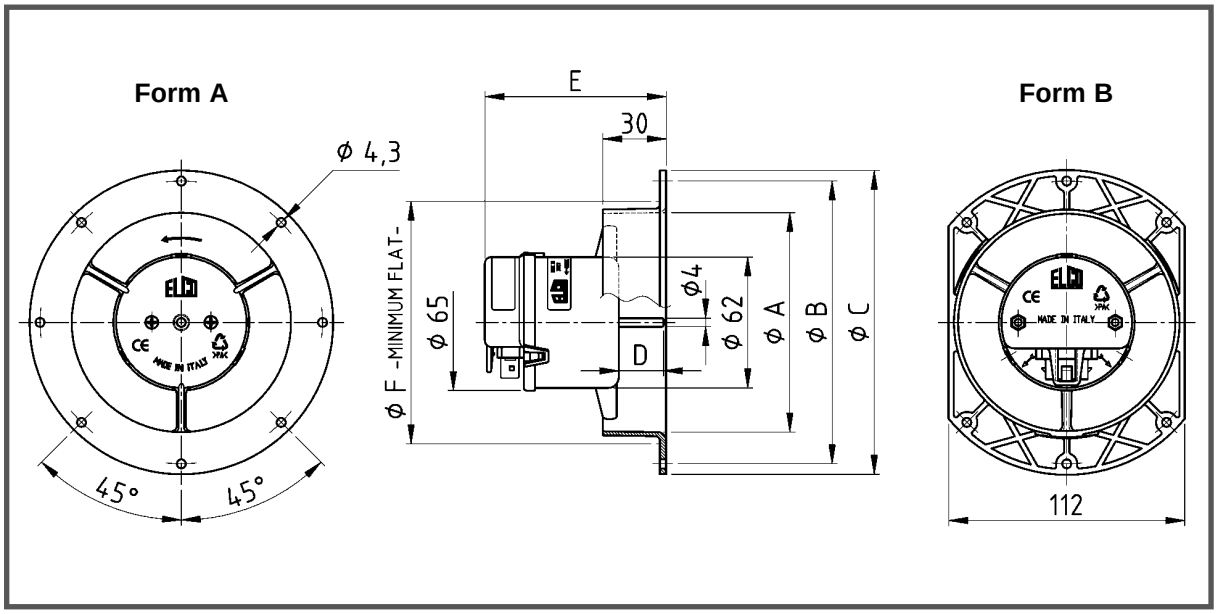
Codice Part Numb.	Descrizione Description	Volt	Hz	W out	W in	Amp	RMP	Veloc. Speed	A	B	C
4-032-001	**M58 1-12**	230	50/60	1,0	10	0,07	2500	1	63,5	84,7	21
4-032-007	**M58 1-20**	230	50	1,0	15	0,10	1300	1	73,5	91,7	18
4-032-008	**M58 1,5-30**	230	50	1,5	18	0,12	1600	1	73,5	91,7	18
4-032-009	**M58 1-30**	127	60	1,0	22	0,27	1800	1	73,5	91,7	18

MOTORI MA58

MA58 MOTORS

Ventilatori costruiti interamente in materiale termoplastico equipaggiati di motore M58, come descritto alla pagina 36 e di anello.
Le ventole sono fornite separatamente e illustrate alle pagine 38 e 39.

Fans entirely made of thermoplastic material, equipped with M58 motor, as described in page 36, and ring.
Fan blades are supplied separately and are illustrated in pages 38 and 39.



Prestazioni - Performances

Codice Part Number	Descrizione Description	Volt	Hz	W Out	W In	Amp	RPM	Vel. Speed	Form
4-032-002	**MA58 1-12-100**	230	50/60	1,0	10	0,07	2500	1	A
4-032-003	**MA58 1-12-100-S**	230	50/60	1,0	10	0,07	2500	1	B
4-032-004	**MA58 1-20-154**	230	50	1,0	15	0,10	1300	1	A
4-032-005	**MA58 1,5-30-154**	230	50	1,5	18	0,12	1600	1	A
4-032-006	**MA58 1-30-154**	127	60	1,0	22	0,27	1800	1	A

Dimensioni - Dimensions

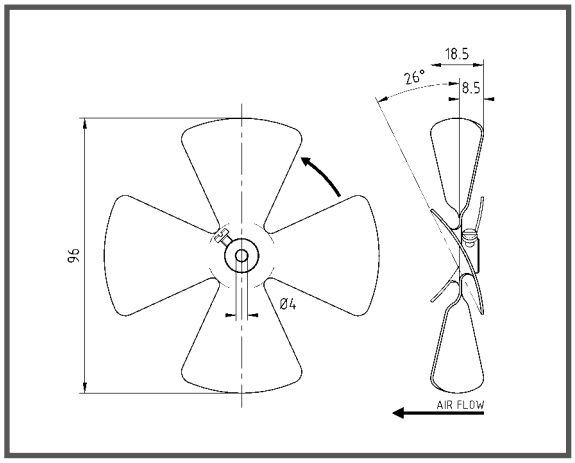
Codice Part Number	Descrizione Description	A	B	C	D	E	F
4-032-002	**MA58 1-12-100**	104	134	144	21	86	115
4-032-003	**MA58 1-12-100-S**	104	134	144	21	86	115
4-032-004	**MA58 1-20-154**	160	190	200	18	86	168
4-032-005	**MA58 1,5-30-154**	160	190	200	18	96	168
4-032-006	**MA58 1-30-154**	160	190	200	18	96	168

MA58
VENTOLE ALLUMINIO

Questa serie di ventole in alluminio, disponibile sia nella versione aspirante che premente Ø 96 mm, è stata studiata per essere impiegata nei ventilatori M58.

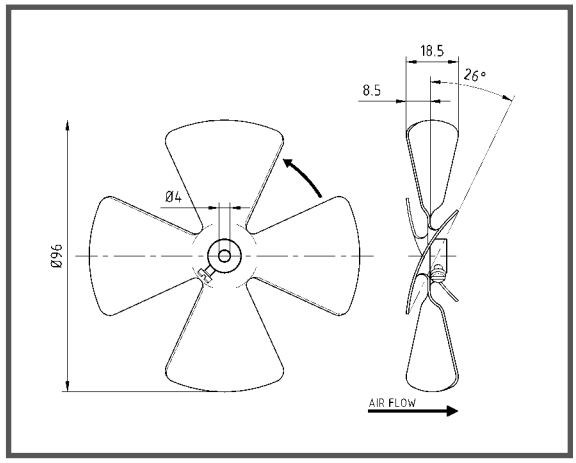
MA58
ALUMINIUM FAN BLADES

This aluminium fan blades range is available with 96 mm diameter, sucking and blowing version. Specifically designed to be fitted to M58 fan motors.



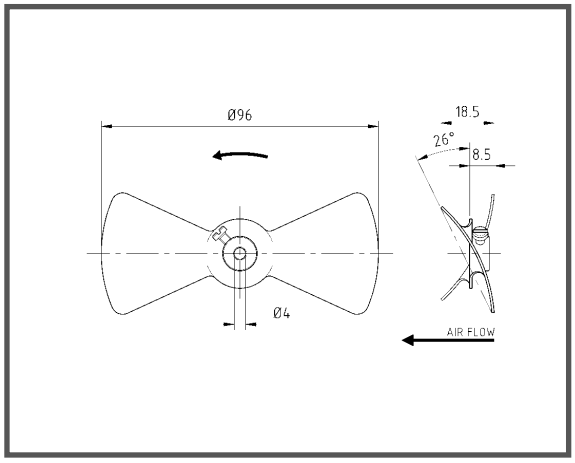
Ventola aspirante - Sucking Fan Blade

Codice Part Number	Descrizione Description	Imballo Packing
40121003/IMB	Ø 96 mm - 26°	60 Pcs



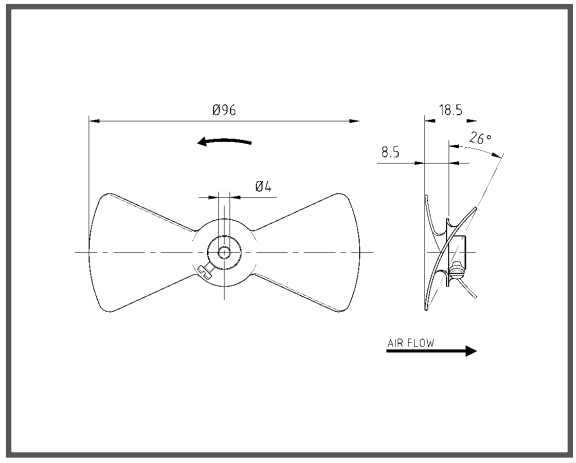
Ventola premente - Blowing Fan Blade

Codice Part Number	Descrizione Description	Imballo Packing
40121002/IMB	Ø 96 mm - 26°	60 Pcs



Ventola aspirante - Sucking Fan Blade

Codice Part Number	Descrizione Description	Imballo Packing
40121006/IMB	Ø 96 mm - 26°	60 Pcs



Ventola premente - Blowing Fan Blade

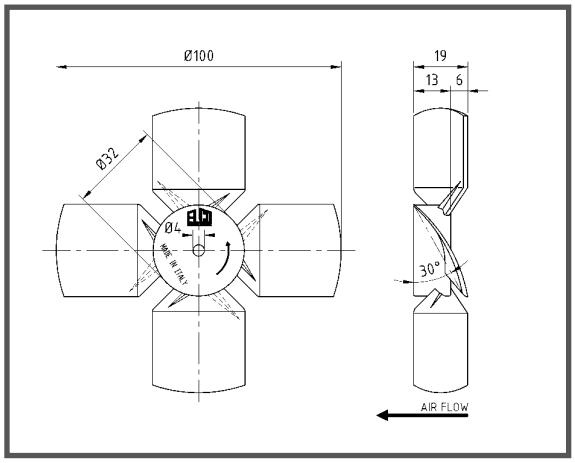
Codice Part Number	Descrizione Description	Imballo Packing
40121005/IMB	Ø 96 mm - 26°	60 Pcs

MA58
VENTOLE PLASTICA

Questa serie di ventole
in plastica,
disponibile sia nella versione
aspirante che premente
Ø 100 e 154 mm,
è stata studiata per essere
impiegata nei ventilatori M58.

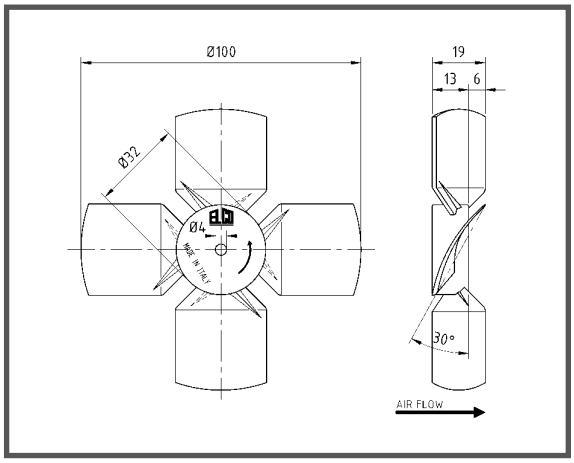
MA58
PLASTIC FAN BLADES

This plastic
fan blades range is available
with 100 and 154 mm diameters,
sucking and blowing version.
Specifically designed to be
fitted to M58 fan motors.



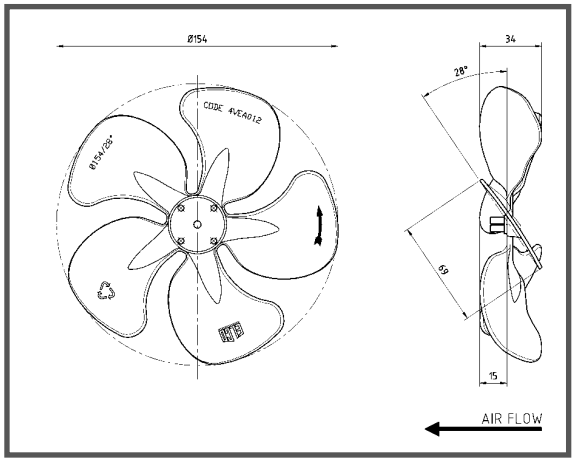
Ventola aspirante - Sucking Fan Blade

Codice Part Number	Descrizione Description	Imballo Packing
40121004/IMB	Ø100 mm - 30°	60 Pcs



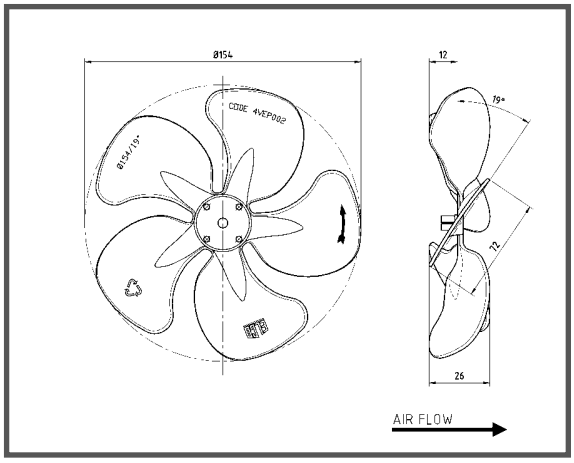
Ventola premente - Blowing Fan Blade

Codice Part Number	Descrizione Description	Imballo Packing
40121001/IMB	Ø100 mm - 30°	60 Pcs



Ventola aspirante - Sucking Fan Blade

Codice Part Number	Descrizione Description	Imballo Packing
4VEA012/1	Ø154 mm - 28°	226 Pcs



Ventola premente - Blowing Fan Blade

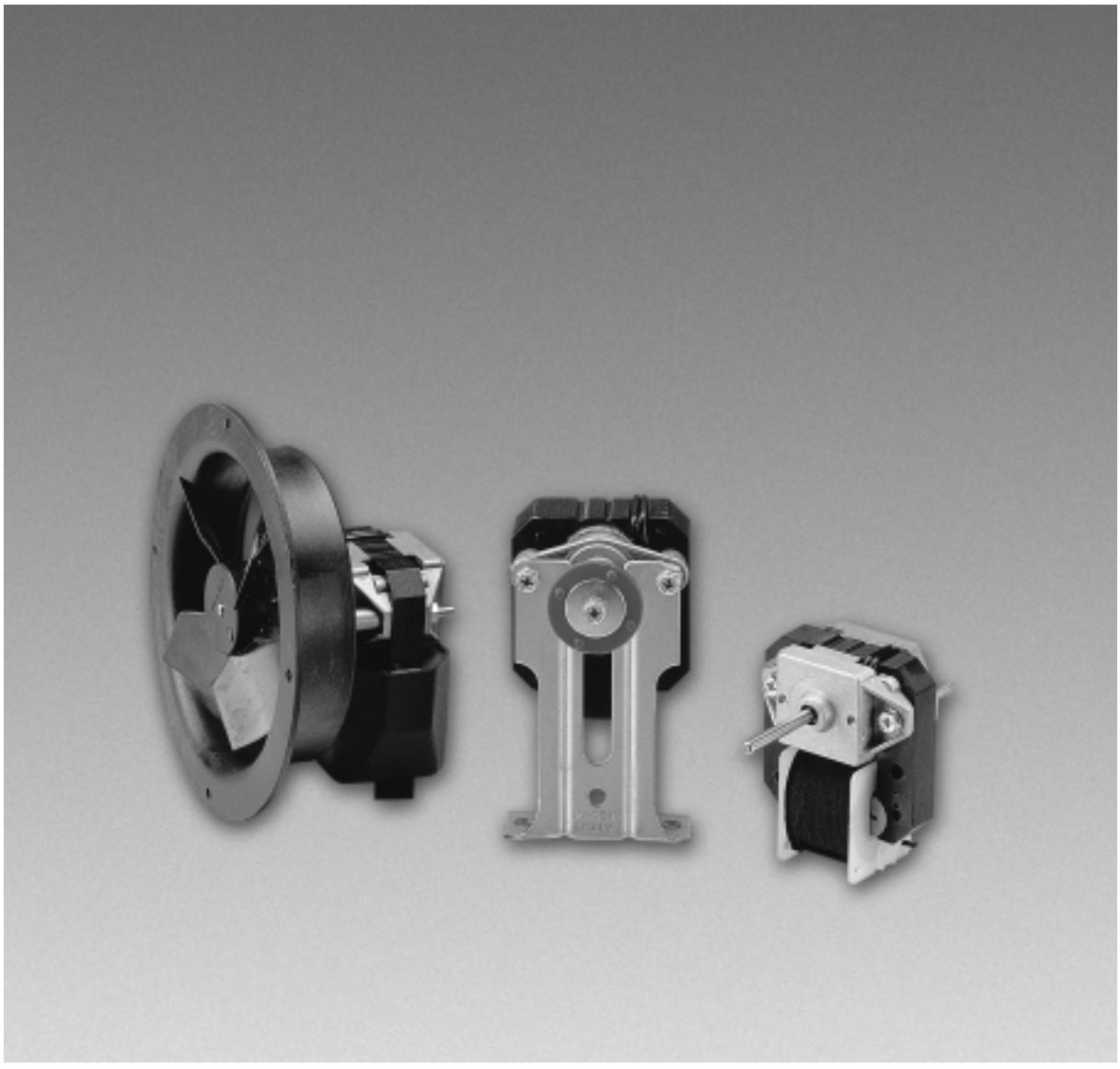
Codice Part Number	Descrizione Description	Imballo Packing
4VEP002/IMB	Ø154 mm - 19°	226 Pcs

MOTORI CN

I motori a poli schermati della **Serie CN** sono progettati per impiego in unità evaporanti, condensanti, vetrine e banchi frigoriferi. Sono disponibili nella versione monofase a 2 poli, con pacco lamellare a vista, grado di protezione IP20, classe di isolamento B, funzionanti alla tensione nominale di 220 V, 50 Hz e con potenze da 1 a 8 Watt.

CN MOTORS

CN Series shaded pole motors are designed for use in evaporating and condensing units, display cases and freezing cases. They are available in single phase version, 2 poles, with stack uncovered, protection class IP20, insulation class B. These motors are designed for a nominal tension of 230 V, 50 Hz, with an output power ranging from 1 to 8 Watt.



MOTORI CN

CN MOTORS

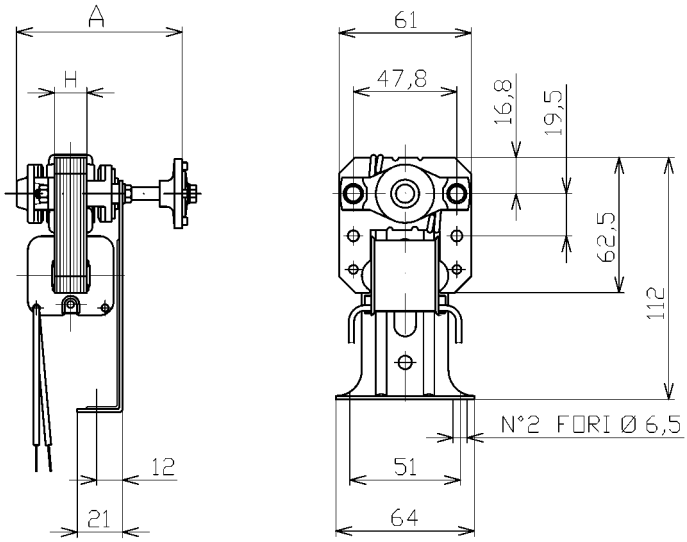
I motori della serie CN sono disponibili sia montati su staffa che nella versione con anello e ventola in materiale termoplastico.

CN series motors are available either with bracket mounting or with thermoplastic ring and fan blade.

Form A

Motore CN con staffa

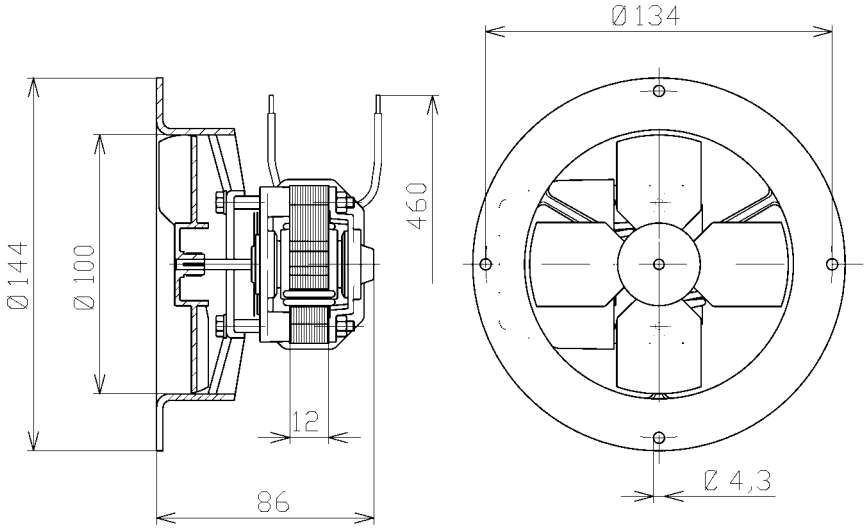
CN Motor with bracket



Form B

Motore CN con anello e ventola

CN Motor with ring and fan blade



Prestazioni - Performances

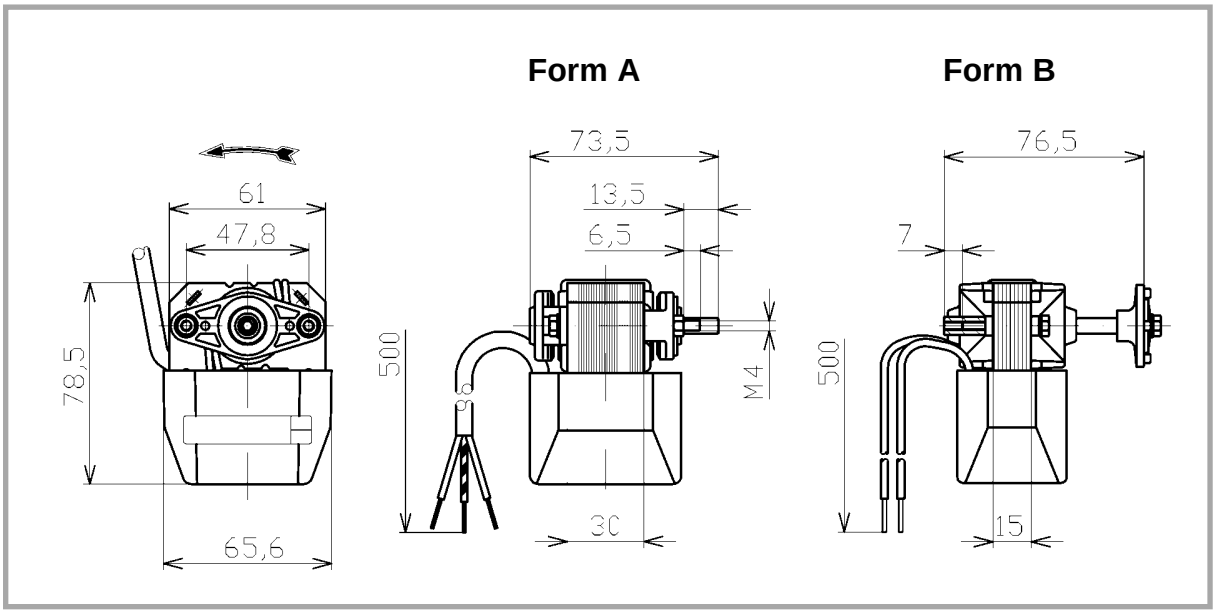
Codice Part Number	Volt	W Out	W In	Amp	RMP	Cavo Cable	Imb. Pack.	H	A	Form
4-014-1317	230	6,3	31	0,25	2500	500	30 Pcs.	30	91,0	A
4-014-1392	230	4,0	27	0,20	2400	500	30 Pcs.	20	82,5	A
4-038-1002	230	1,3	13	0,12	2200	460	18 Pcs.	-	-	B

MOTORI CN NO-FROST

CN NO-FROST MOTORS

I motori della serie CN No-Frost sono progettati per poter funzionare in ambienti a bassa temperatura ed alto tasso di umidità. Gli avvolgimenti dello statore sono infatti annegati in una massa di resina e le bronzine hanno una riserva di lubrificante maggiorata.

CN No-Frost motors range is designed to run in low temperature and high humidity enviroments. Motors windings are resin-impregnated and sleeve bearings have an oversized grease reserve.



Prestazioni - Performances

Codice Part Number	Volt	W Out	W In	Amp	RMP	Cavo-Cable mm	Imb. Pack.	Form
4-014-1444	230	5	32	0,32	2400	500	30 Pcs.	A
4-039-1075	230	2	26	0,28	2400	500	40 Pcs.	B

NOTE NOTES

Tutte le quote sono espresse in millimetri salvo diversamente specificato.
La società Elco Spa si riserva di modificare anche senza preavviso le indicazioni tecniche contenute nel catalogo.
L'utilizzatore è responsabile della corretta installazione dei componenti descritti nel catalogo rispettando le norme in vigore in ciascun Paese.
L'ufficio tecnico di Elco Spa è a disposizione per fornire ulteriori informazioni sui prodotti, se richiesto.

All dimentions are indicated in millimiters unless differently stated.
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The user is responsible for the correct assembling of components listed in our catalogue in compliance with existing regulations in his Country.
Elco Spa technical department is available for every further information which might be required.

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MOTORS & FANS

Il Gruppo italiano ELCO ha iniziato la propria attività industriale più di 50 anni fa, ed oggi è divenuto uno dei più importanti costruttori di motori elettrici di piccola potenza, con un volume annuo di circa 8 milioni di pezzi, riferito alle unità produttive dislocate in Italia, Spagna, Colombia, Brasile.

The Italian Group ELCO began its industrial activity more than 50 years ago, and today is positioned among the most important FHP motor manufacturers, with a yearly output superior to 8 million motors, quantities referred to global production from the plants in Italy, Spain, Colombia and Brazil.

Questo catalogo presenta la serie completa ed aggiornata delle principali famiglie di prodotto che comprendono motori, ventilatori e motoriduttori.

ELCO studia, sviluppa, progetta ogni prodotto nei propri laboratori, attrezzati per effettuare ogni tipo di prova e sperimentazione nel campo della elettrotecnica, aeraulica e misurazioni dei livelli sonori.

Tutti i prodotti sono costruiti utilizzando componenti selezionati delle più quotate Aziende fornitrici: sia i componenti di acquisti che quelli prodotti all'interno sono rigorosamente controllati e selezionati come previsto dalle Normative ISO.

Ogni singolo prodotto, prima del rilascio, è sottoposto a test finali di controllo per la verifica dei parametri più significativi. A richiesta viene fornita la certificazione delle singole prove.

Per ogni famiglia di prodotto sono state indicate le caratteristiche tecniche specifiche. Quelle comuni a tutte le produzioni sono elencate di seguito.

Norme di riferimento:
CE: Direttiva B.T. 73/23/CEE,
Direttiva EMC 89/336/CEE,
CENELEC EN 60335-1,
Certificazioni VDE, UL, CSA a richiesta.

Voltaggi e frequenze:
115-240 V monofase, 240-380 V trifase, 50/60 Hz.
Classe di isolamento: B e F
Funzionamento: continuo con temperature ambiente: -30°C, +40°C.
Cavi: bi-multipolari, con/senza connettori, lunghezze standard e speciali.
Imballi standard:
multipli in scatole di cartone e pallettes.

This catalogue shows the complete and up to date range of motors, fan & blowers, and motorgears.

ELCO researches and develops every product within its own labs which are equipped to perform all kinds of simulations and tests related to electric, air moving and sound measurements.

All products are manufactured with selected components supplied from the most reputable international sources: components whether manufactured internally or purchased from third parties, go through strict control and selection procedures in compliance with the ISO standards.

Each single finished item, before being released, has to pass a final check to verify the most binding performance data.

Specific technical features are listed with each product family relevant table.
All products refer to the following standard specifications:

Standard Norms:
CE: Norm B.T. 73/23/CEE,
Norm EMC 89/336/CEE,
CENELEC EN 60335-1,
Special Norms: VDE, UL, CSA etc. if required.

Current:
Single phase 115-240 V, three phase 240-380 V.
Frequencies: 50/60 Hz.
Insulation Class: B and F
Continuos operating temperature: -30°C, +40°C.
Cable cord: multicords; with/without connectors, standard and special lengths.
Standard packing:
carton box and pallet.

I motori della **Serie CN** sono a poli schermati, con potenze da 1 a 8 Watt, 2 poli, monovelocità, coperchi aperti o chiusi, supporti bronzine, grado di protezione **IP20** e **IP44**, classe di isolamento **B**. Versione “no Frost” a richiesta. Fissaggi diretto o a mezzo di staffa. Accessori disponibili anelli, staffe e ventole. Tutti i modelli possono essere protetti termicamente.

61x63

CN

CN series: shaded pole motors with rated output power 1 - 8 Watt, 2 poles, single speed, open or closed end-shields, self-aligning sleeve bearings, protection class **IP20** and **IP44**, insulation class **B**. “No Frost” model also available. Threatened bolts or bracket mounting. Available accessories: rings, brackets and fan blades. All models can be thermally protected.

I motori della **Serie N** sono a poli schermati, con potenze da 5 a 34 Watt, 4 poli, monovelocità, coperchi in alluminio o in materiale termoplastico, supporti bronzine o cuscinetti, grado di protezione **IP20**, **IP42**, **IP44**, classe di isolamento **B**. Funzionamento continuo con temperatura ambiente: -40°C +40°C. Tutti i modelli standard sono omologati VDE, UL o CSA e con garanzia 3 anni. È disponibile una completa gamma nella versione cavo staccato “plug in”. Diversi tipi di fissaggi diretti o a mezzo di staffa. Accessori disponibili anelli, staffe e ventole. Tutti i modelli sono protetti per impedenza o con protettore termico.

82x82

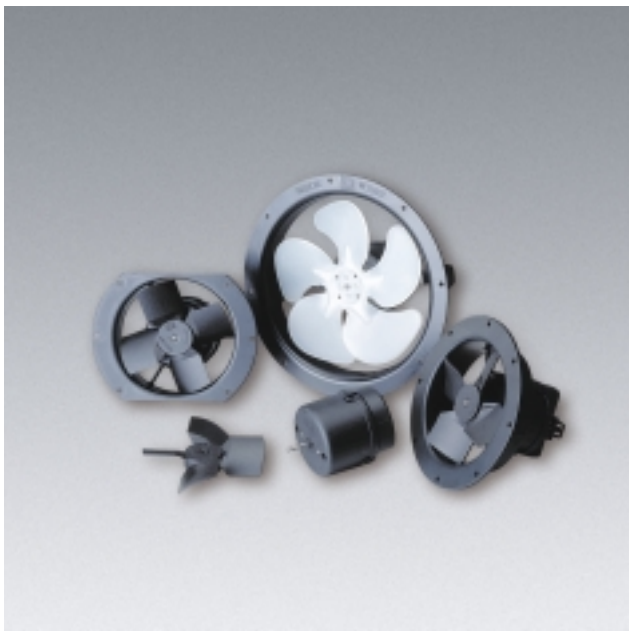
N

N series: shaded pole motors with rated output power from 5 to 34 Watt, 4 poles, single-speed, aluminium or thermoplastic end-shields, sleeve or ball bearings, protection class **IP20**, **IP42**, **IP44**, insulation class **B**. Range is also available with “plug in” connector. Continuos operating temperature range: -40°C, +40°C. All standard models are VDE, UL or CSA approved and covered by a 3 year guaranty. The models offer different mounting possibilities such as threatened holes, bolts and brackets. Available accessories: guard grilles, rings, brackets and fan blades. All models are impedance or thermally protected.

I motori della **Serie M58** sono a poli schermati, con potenze a partire da 1 Watt, 2 poli, monovelocità, coperchi in materiale termoplastico, supporti bronzine, grado di protezione **IP42**, classe di isolamento **B**. Fissaggi diretti. Accessori disponibili anelli e ventole. Tutti i modelli sono protetti per impedenza.

Ø 58

M58



M58 series: shaded pole motors with rated output power from 1 Watt, 2 poles, single-speed, thermoplastic end-shields, sleeve bearings, detachable cable connector, protection class **IP42**, insulation class **B**. Available with or without ring. Threatened bolt and ring mountings. Available accessories: thermoplastic or aluminium fan blades. All models are impedance protected.

I motori della **Serie MCE**, ad alta efficienza, sono a magneti permanenti, controllati elettronicamente, coperchi in materiale termoplastico, grado di protezione **IP44**, classe di isolamento **B**. Sono disponibili modelli da 12 a 25 Watt, temperature d'impiego da -40°C a +50°C. Protetto elettronicamente, rendimento sino al 70%.

Ø 73

MCE

MCE series: High efficiency device, permanent magnet motor driven by a resilient electronic control, thermoplastic end-shields, protection class **IP44**, insulation class **B**. Available in different models from 12 Watt to 25 Watt. Operating temperature: -40°C to +50°C. Electronically protected, efficiency rate up to 70%.

I motori della **Serie BT** sono monofase a condensatore permanentemente inserito, con potenze da 10 a 55 Watt, 2 e 4 poli, mono o pluri velocità. Coperchi in alluminio (chiusi o aperti), supporti bronzine o cuscinetti. Grado di protezione **IP20**, **IP42**, **IP44**, classe di isolamento **B** o **F**. Tutti i modelli sono protetti termicamente.

82x82

BT

BT series: single-phase PSC motors with rated output power from 10 to 55 Watt, 2 and 4 poles, single or multi-speed. Aluminium end-shields (open or closed), sleeve or ball bearings, protection class **IP20**, **IP42**, **IP44**, insulation class **B** or **F**. All models are thermally protected.

I motori della **Serie RG** sono trifase o monofase a condensatore permanentemente inserito, con potenze da 15 a 100 Watt, 4 e 6 poli, da 1 a 6 velocità. Coperchi in alluminio fascia in acciaio oppure fascia in alluminio estrusa, supporti bronzine o cuscinetti. Grado di protezione **IP20**, **IP42**, **IP44**, classe di isolamento **B** o **F**. Tutti i modelli sono protetti termicamente.

Ø 102

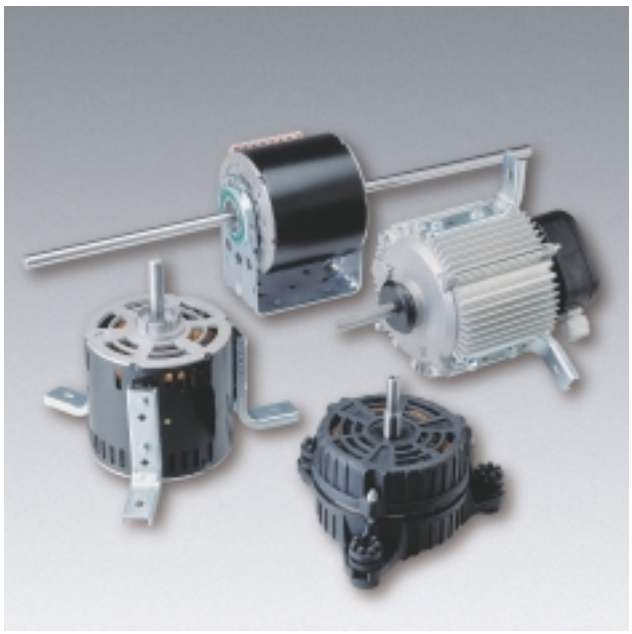
RG

RG series: single-phase PSC or three-phase motors with rated output power from 15 to 100 Watt, 4 and 6 poles, 1 to 6 speeds. Aluminium end-shields (open or closed), steel or extruded aluminium shell, sleeve or ball bearings. Protection class **IP20**, **IP42**, **IP44**, insulation class **B** or **F**. All models are thermally protected.

I motori della **Serie FG** sono trifase o monofase a condensatore permanentemente inserito, con potenze da 60 a 400 Watt, 4 e 6 poli, da 1 a 6 velocità. Coperchi in alluminio o in materiale termoplastico, fascia in acciaio oppure fascia in alluminio estrusa, supporti bronzine o cuscinetti. Grado di protezione **IP20**, **IP42**, **IP44**, classe di isolamento **B** o **F**. Tutti i modelli sono protetti termicamente.

Ø 122

FG

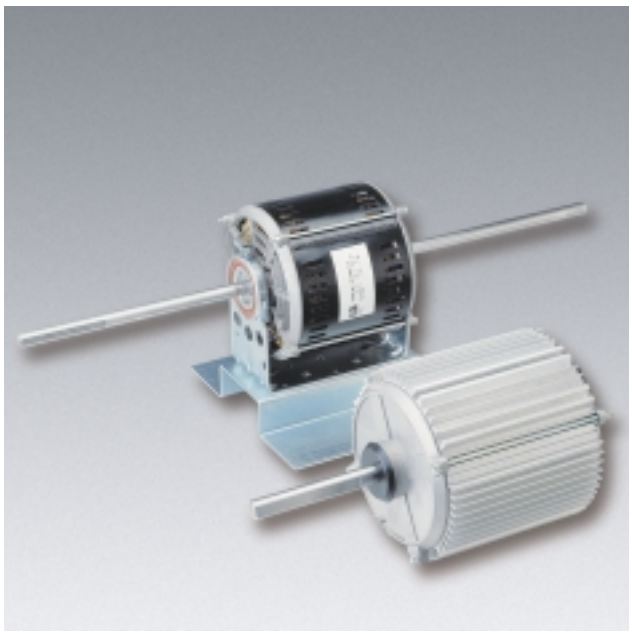


FG series: single-phase PSC or three-phase motors with rated output power from 60 to 400 Watt, 4 and 6 poles, 1 to 6 speeds. Aluminium or thermoplastic end-shields (open or closed), steel or extruded aluminium shell, sleeve or ball bearings. Protection class **IP20**, **IP42**, **IP44**, insulation class **B** or **F**. All models are thermally protected.

I motori della **Serie HO** sono trifase o monofase a condensatore permanentemente inserito, con potenze da 500 a 1100 Watt, 4 e 6 poli, da 1 a 6 velocità. Coperchi in alluminio, fascia in acciaio oppure fascia in alluminio estrusa, supporti bronzine o cuscinetti. Grado di protezione **IP20**, **IP42**, **IP44**, classe di isolamento **B** o **F**. Tutti i modelli sono protetti termicamente.

Ø 145

HO



HO series: single-phase PSC or three-phase motors with output rated power from 500 to 1100 Watt, 4 and 6 poles, 1 to 6 speeds. Aluminium end-shields (open or closed), steel or extruded aluminium shell, sleeve or ball bearings. Protection class **IP20**, **IP42**, **IP44**, insulation class **B** or **F**. All models are thermally protected.

FR

I motoriduttori della **Serie FR** sono progettati per azionare dispositivi lenti in apparecchi granitori e distributori di bibite. La gamma comprende diversi modelli con velocità albero lento di 3 o 30 giri/min con coppie di circa 30 o 7 Nm. Tutti i modelli sono protetti termicamente. Esiste la possibilità di avere in uscita il segnale di giri/motore. Questa serie è normalmente progettata e realizzata in funzione degli impieghi specifici.

FR series: gearmotors are suitable for driving slow motion devices such as slush machines and cold drinks dispensers. Different models available with slow shaft speed of 3 or 30 RPM and output torque of approx. 30 or 7 Nm. Fitted with thermal protector and large lubricant reservoir. Revolution speed counter sensor also available. This product range is specially designed and customised for OEM application specifications.

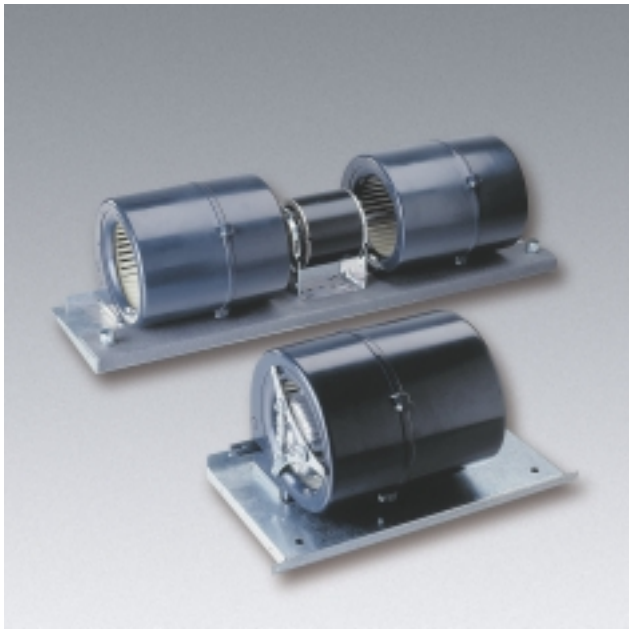
DD

I ventilatori della **Serie DD** sono di tipo centrifugo a doppia aspirazione, con ventole a pala avanti, direttamente accoppiati a motori della serie RG, FG, HO. Sono disponibili nella versione chiusa e aperta. La gamma base è costituita da diversi modelli a partire dal 7/7 al 12/12 con potenze da 60 a 1100 Watt con portata d'aria fino a 7000 m^3/h. Vengono forniti di serie con accesori di fissaggio (piedini, viteria e supporti in gomma). A richiesta sono disponibili le flange sulla bocca di mandata.

DD series: double inlet centrifugal blowers with forward curved wheels, directly driven by RG, FG, HO series electric motors; available in both open and closed models. Basic range: different models from 7/7 to 12/12, from 60 to 1100 Watt and air flow volume up to 7000 m^3/h. Accessories (mounting feet, bolts and rubber vibration dampers) are included. Coupling flanges on air outlet are available.

CO

I ventilatori della **Serie CO** sono di tipo centrifugo a doppia aspirazione, direttamente accoppiati a motori elettrici della serie BT, RG, FG, HO. Le ventole sono realizzate in alluminio o in materiale termoplastico. Le coclee sono in materiale termoplastico o in acciaio zincato. I gruppi CO sono ottenuti mediante montaggio da 1 a 4 ventilatori su un'unica piastra di supporto. Utilizzati nei mobiletti Fan Coil hanno portate da 100 a 2500 CFM (da 170 a 4500 m^3/h). Questa serie particolarmente silenziosa prevede l'impiego di motori plurivelocità (da 1 a 6) mediante autotrasformatore o ricavate dalla propria impedenza.



CO series: double inlet centrifugal blowers directly driven by BT, RG, FG, HO series electric motors, with aluminium or thermoplastic impellers and thermoplastic or galvanized steel housings. CO units can be fitted with 1 to 4 blowers mounted on a single galvanized steel tray. Suitable for Fan Coil units with air flow volumes from 100 to 2500 CMF (170 m^3/h to 4500 m^3/h). This particularly low noise range is fitted with multi-speed motors (1 to 6) obtained with auto-transformer or by its proper impedance.

CF

I ventilatori della **Serie CF** sono di tipo assiale compatto con ventole a 5 pale, (Ø 300, 315, 350, 400), trifase o monofase con potenze da 60 a 120 Watt, 4 e 6 poli, monovelocità. Carcassa in alluminio, supporti a cuscinetti. Grado di protezione **IP42** o **IP55**, classe di isolamento **B** o **F**. A integrazione di gamma esiste un modello VARE Ø 800 ad alta efficienza particolarmente silenzioso.

CF series: compact axial fans with 5 blade impellers (Ø 300, 315, 350, 400), single-phase or three-phase motors, output rated power from 60 to 120 Watt, 4 and 6 poles, single speed. Aluminium end-shields, ball-bearings. Protection class **IP42** or **IP55**, insulation class **B** or **F**. The range also includes the high efficiency and particularly low noise model VARE Ø800.

VENTOLE FAN BLADES

La nostra gamma di **Ventole assiali** a 5 pale comprende le versioni in alluminio (aspiranti e prementi) nei Ø 154, 172, 200, 230, 254, 275, 300 con inclinazioni comprese tra 19° e 34°, e in materiale termoplastico (aspiranti) nei Ø 140, 154, 172, 200, 222, 230, 254, 300 nelle inclinazioni più comunemente utilizzate.

Our range of 5 blade **Axial fans** range include aluminium models (sucking and blowing) Ø 154, 172, 200, 230, 254, 275, 300 and different pitch between 19° and 34°. High efficiency thermoplastic (sucking) Ø 140, 154, 172, 200, 222, 230, 254, 300 are available in the most commonly used pitches.

ANELLI
RINGS

È disponibile una vasta gamma di **Anelli** (versione aspirante e premente), adattabili alle nostre ventole assiali di Ø154, 172, 200, 230, 254, 275, 300, sono in acciaio verniciato (vernice epossidica) oppure in materiale termoplastico nella versione aspirante. Nella versione premente solo Ø 254.

A wide range of **Rings** for sucking or blowing fans is available. Suitable for our axial fans Ø154, 172, 200, 230, 254, 275, 300, and available in steel sheet (epoxy paint finishing) or thermoplastic, sucking models. For blowing models Ø 254 only.

GRIGLIE
GUARDS

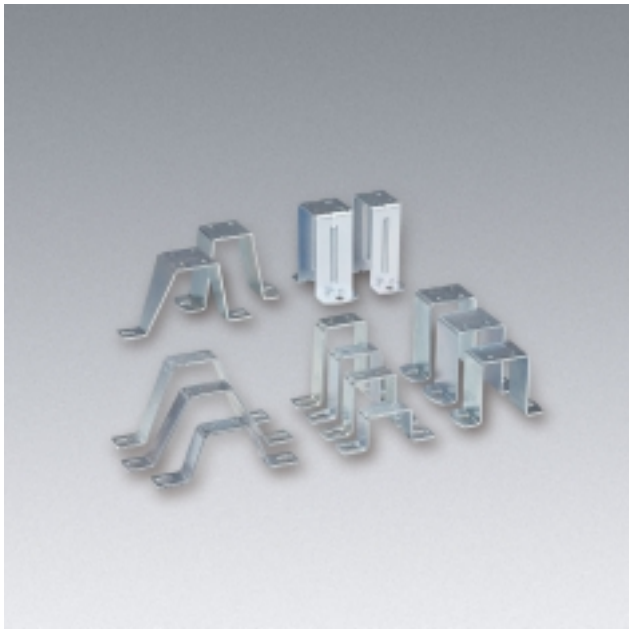
È disponibile una vasta gamma di **Griglie**, adattabili alle nostre ventole assialidi Ø154, 172, 200, 230, 254, 275, 300, in acciaio zincato e alcuni modelli anche in materiale termoplastico.

Fan guard grilles suitable for our axial fans are available in zinc-coated steel (complete range Ø154, 172, 200, 230, 254, 275, 300) or thermoplastic (some models).

STAFFE
BRACKETS

Esiste una vasta gamma di **Staffe** disponibili in varie altezze ottimizzate per accoppiamenti motori e ventole. Sono in acciaio zincato. Sono concepite per abbinarsi a motori con interasse piede 18 e 26 mm.

Wide range available with different heights, specially designed for best motor and fan combination. Produced in zinc-coated steel sheet. Suitable for both 18 mm. and 26 mm. bracket fixing bolt distance models.



CAVI
CABLES

È disponibile una serie di **Cavi**, nelle configurazioni standard tripolare (per motori serie N e M58 con cavo staccato). Lunghezze da 500 a 5000 mm. (multipli di 500) nella versione **IP42** e **IP44**.

A wide range of power supply leads with connector is available for N series and M58 series detachable cable motors. Available in both **IP42** and **IP44** models in different lengths from 500 mm to 5000 mm. (every 500 mm) with standard three-wire cable.

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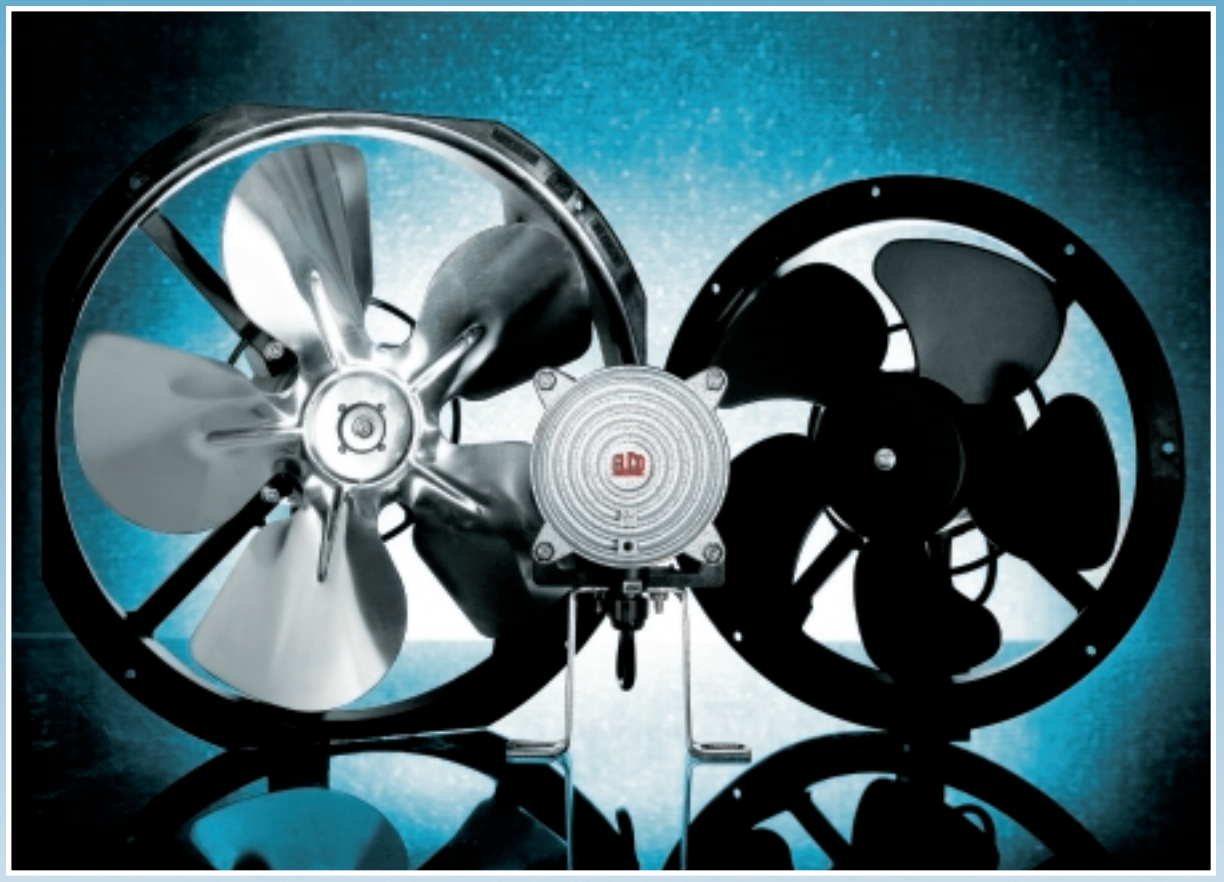
ELCO®

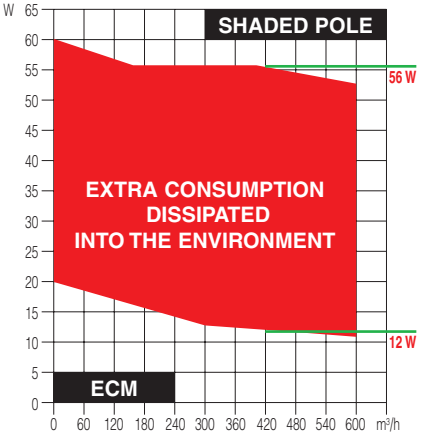


ENERGY SAVING MOTORS

NEW SERIES

ECM IP65-IP66

Our contribution to energy saving and CO_2 emissions reduction



With reference to 16W motor - Ø 254 mm fan

Nowadays, the need to adopt effective actions to promote energy saving, as well as a drastic reduction in CO_2 emissions into the atmosphere, is universally recognised.
In Europe, there are in fact several million of sub-fractional horsepower electric motors used both in domestic appliances, or in air-conditioning and refrigerators. For the latter, especially for the ventilation of refrigerated display cases, sub-fractional HP motors with extremely low efficiency have always been used.
For example, approximately 8 Watts of shaft output power are needed to operate a 230 mm diameter fan blade, which can be obtained from the following types of motor:

Shaded poles:
input power ~ 36 Watt
efficiency ~ 18%

Electronically commutated:
input power ~ 12 Watt
efficiency ~ 65%

The importance of choosing a high-efficiency motor is evident from considering a single supermarket with approximately 200 m of refrigerated display units installed, for an estimated total of 200 fan motors.

Considering an average energy cost of 0.11 Euro per kWh and CO_2 emissions of 0.6 kg per kWh consumed, we can calculate that if the same supermarket used “electronic control” motors instead of the equivalent “shaded pole” models, 68,500 kWh could be saved in one year, equivalent to approximately 7,500 Euro and a reduction in CO_2 emissions of **41 tonnes**.

The sensible energy saving widely compensates the greater cost of high-efficiency motors, with payback in just few months: in fact, in the lifetime overall cost of a shaded-pole motor, energy consumption represents almost 97-98%, while its purchase costs only 2-3%.

Moreover, reduced CO_2 emissions is a topic of great interest in relation to the maximum quotas assigned to each country and the related "carbon trading" that regulates the "emission credits" market between virtuous users and less-virtuous ones.

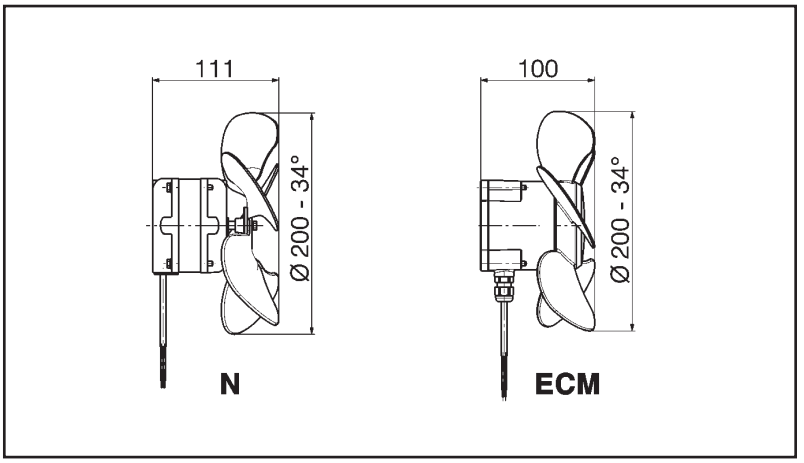
Within this context, thanks to over 800,000 high-efficiency ECM motors already supplied to the market, ELCO has contributed to a reduction in environmental emissions of an estimated **116,000 tonnes of CO_2 per year**.

To confirm the high-efficiency and consequently the cost advantage of ECM motors, a two-months test was carried out by independent consultants at a large foodstore supermarket located in Tortona (Northen Italy), by monitoring a specific area of refrigerated display cases covering approximately 200 fan motors.
Energy consumption was monitored by initially recording the usage of the traditional shaded pole motors and then replacing them with ELCO's ECM models.
Tests results showed a saving of 142,423 kWh against a Total Energy Consumption of 614,466 kWh; the equivalent of approximately **85 tonnes of CO_2**.

Similar tests were carried out in some European supermarkets, where today only ELCO motors are used. The results have not only confirmed large savings, but also more uniform airflow thanks to the greater torque of ECM motors.

The advantages with towards the "shaded pole" solution are:

- **High efficiency 63÷68%**
- **Maximum moisture protection with the new IP65-IP66 versions**
- **Reduced depth compared to the standard N serie Shaded Pole motors**
- **Drop in replacement with the standard N series and possibility to use all standard accessories**



Construction specifications Certifications

General specifications

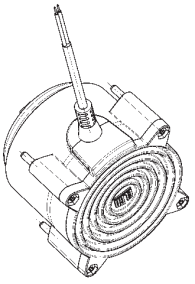
ELCO SpA has developed and patented a new range of high-efficiency sub-fractional horse power electronically commutated motors - the ECM series. This new generation of motors is specifically designed to satisfy the growing market demands of "**energy saving**", granting first-rate results in terms of efficiency and life expectancy.

The motor, totally enclosed in a thermoplastic housing, contributes to limiting external heat emission, which results in a particularly cool motor body during operation and hence generate a further energy savings.
Thanks to a special, permanent lubrication system and based on laboratory tests, the life expectancy is approximately 30,000 hours for the Standard version and 60,000 hours for the Long Life version.

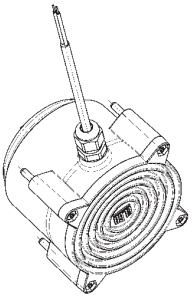
The ECM series is currently available in two single-speed versions, to be selected according to power requirements.

Type	Protection Rating	Bearing	Rear shield
Standard	IP65	Sleeve-bearings	Plastic
Long-Life	IP65	Ball-bearings	Plastic
Long-Life	IP66	Ball-bearings	Plastic
Long Life	IP66	Ball-bearings	Aluminium*

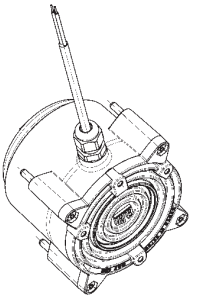
IP65 moulded cable grommet



IP66 cable strain relief



*__IP66__ with rear mounting



Certifications

All products are designed and manufactured according to European regulations CENELEC EN 60335-1, electromagnetic compatibility EN 61000-3-2 +A1/A2, EN55014-1 and CE marked.

All components are UL compliant.

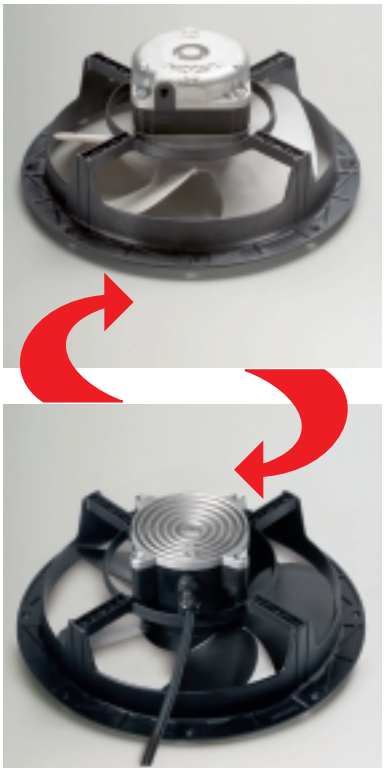
UL XEIT listed versions are available.

Technical data

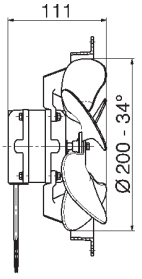
	ECM Standard	ECM Long Life
Working temperature with: Plastic fan Aluminium fan	 -20°C ÷ +55°C* -30°C ÷ +55°C*	
Insulation class	B	
Protection rating	IP65	IP65-IP66
Voltage	100V / 50÷60HZ • 115-127V / 50÷60Hz • 230-240V / 50÷60Hz	
RPM at 100V	1400	
RPM at 115-127V	1450 • 1550 • 1850	
RPM at 230-240V	1400 • 1600 • 1850	
IN power	9÷14W	9÷14W • 20÷25W
Standards	CENELEC EN 60335-1 • EN 61000-3-2 + A1/A2 • EN 55014-1	
Approvals	**	**
Supports	Sleeve-bearings	Ball-bearings
Life expectancy at 20°C	30,000 hours	60,000 hours

* > 55°C upon request ** Approval pending

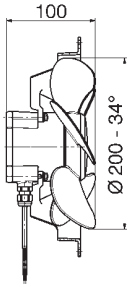
Applications



N Fan



ECM Fan



The ECM series motors may be universally applied, but are particularly suited to the refrigeration and ventilation industry, especially for refrigerated display cases, freezers, drink dispensers and small condensers; they can be coupled with various types of fan blades, particularly axial fans with diameters up to 300 mm.

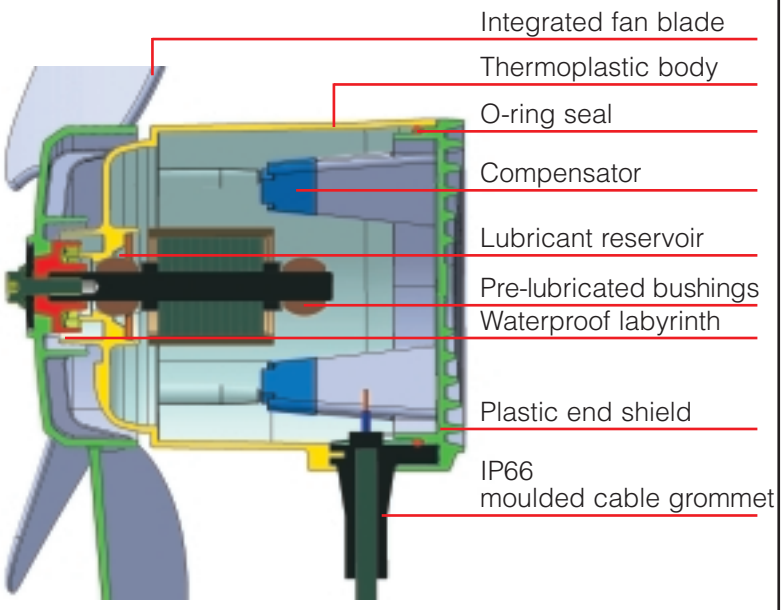
Interchangeability:

The ECM motor was also designed to comply with the same principle of standardization that ELCO developed for the N-series motors.

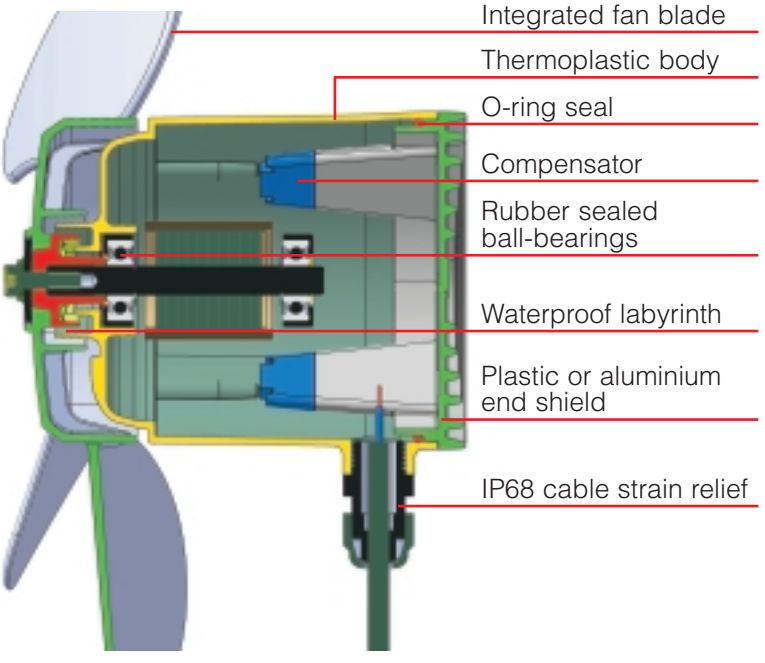
In fact, ELCO's "**energy saving**" motors are, drop-in replacements of the traditional shaded pole ones, and use all the same accessories, such as brackets, fans, rings and guards, with no extra work - or hidden costs, to the full benefit of rapidity and convenience.

Construction differences

IP65 Standard



IP66 Long Life



Product description:

The ECM IP65 and IP66 Series is a new product, derived from the well-known range of **energy-saving** motors and designed for operation in environments with high humidity or moisture.

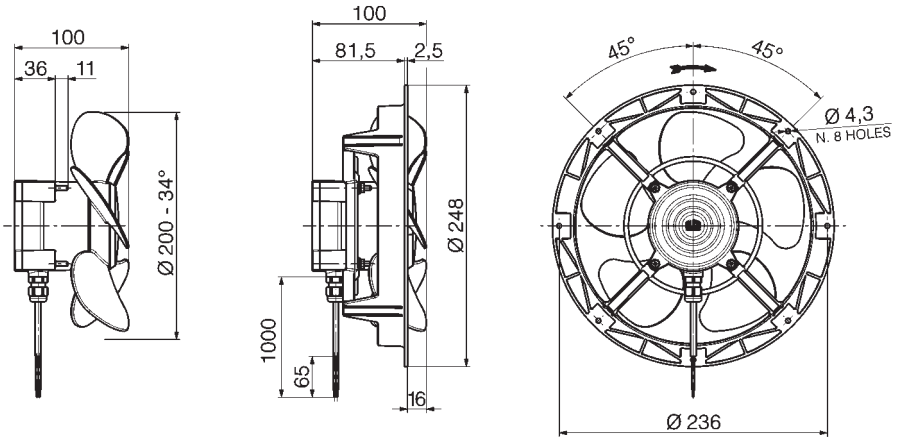
The IP65 version comes with an O-ring to seal the rear plastic end-shield to the motor housing and moulded cable grommet, sleeve or ball-bearings and a new fan profile integrated with the internal watherproof labyrinth.
While in the IP66 version, the motor has a double-sided rubber sealed ball-bearings and cable exit fitted with an IP68 strain relief.

The electronic control unit is provided with various safety features:

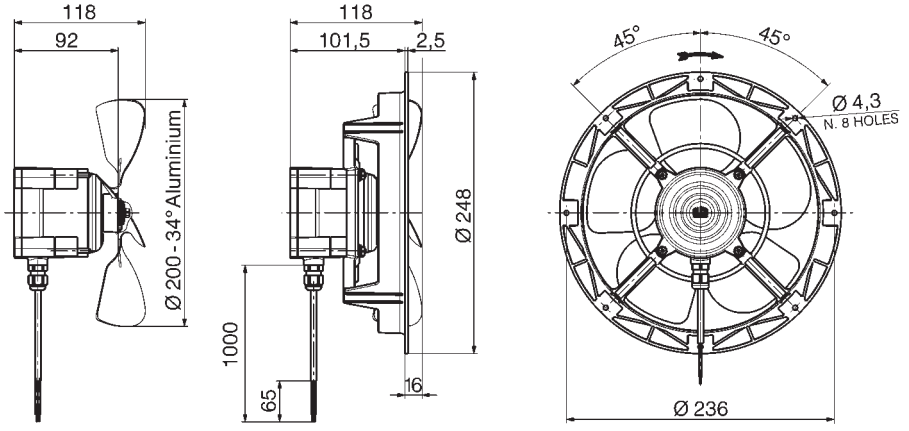
- Overload control function, which switches the motor to standby mode if an external mechanical action causes the speed to drop below a preset level.
- Locked rotor control function, which switches the motor to standby mode after twenty restart attempts, in case of fan blocked by icing or other reasons.
- Auto-reset function, which allows the microprocessor to reset and restart the control functions, in cases of electrical interference or power supply fluctuations.
- Self-diagnostics function during switch-on and switch-off.
  In cases of ON/OFF alternative use, each cycles should be at least 20 seconds apart.
- Power shut-down function in cases of microprocessor failure.

Overall dimensions

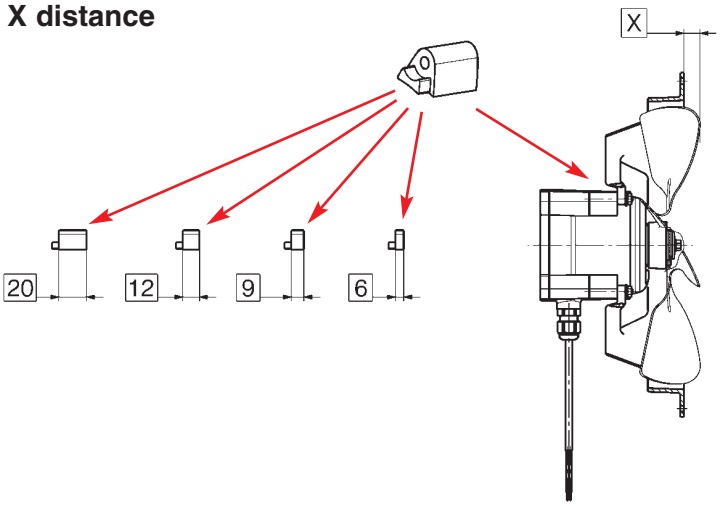
With integrated fan



With Aluminium/Plastic fan

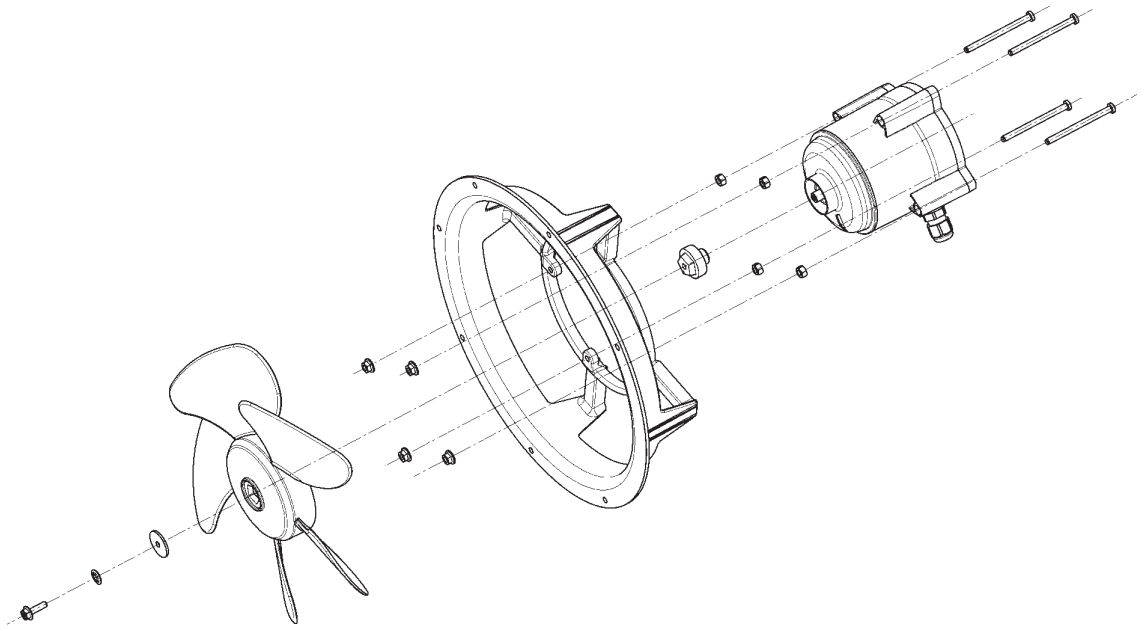


Spacers to adjust the X distance

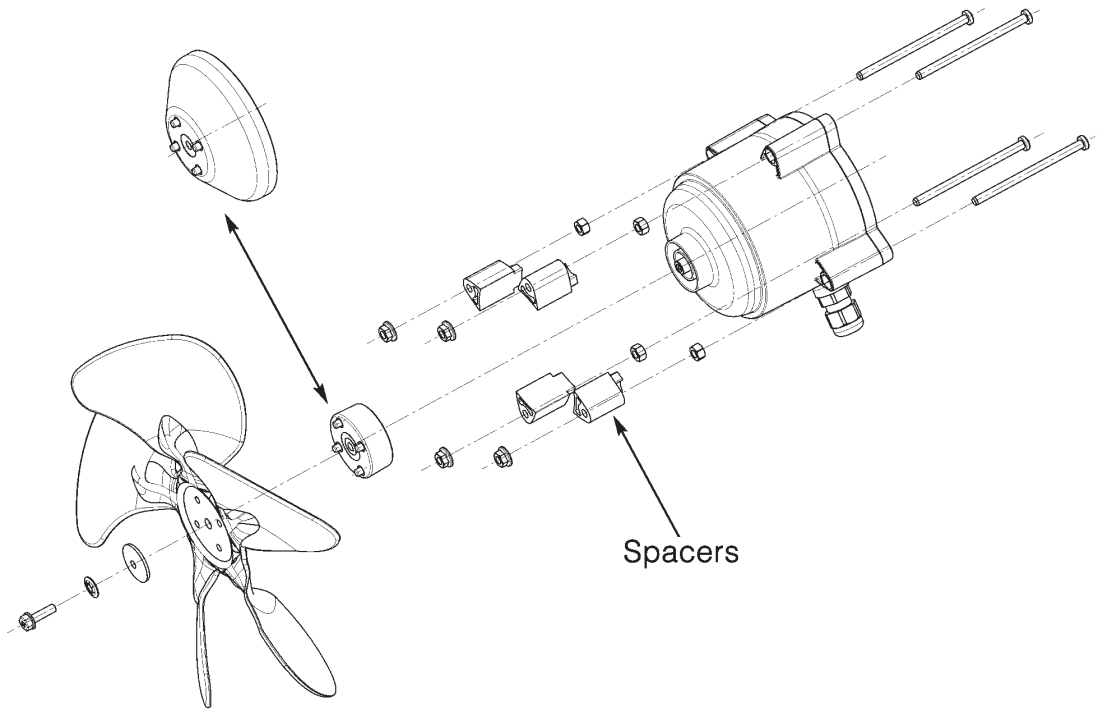


Fan assembly
Accessory

With integrated fan

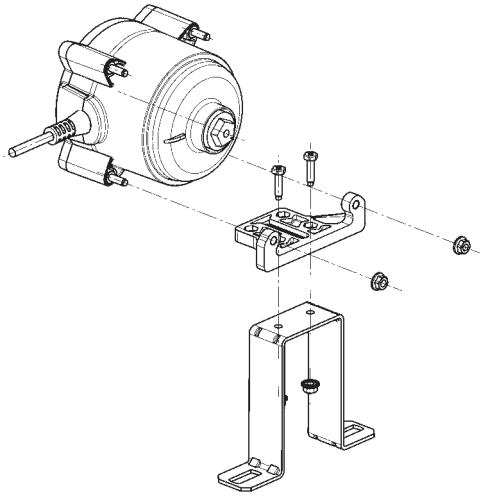


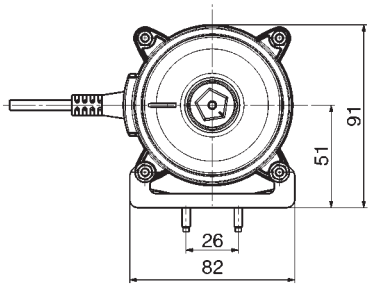
With adapter for aluminium or plastic fan

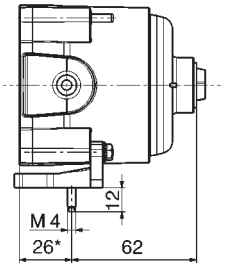


Mountings

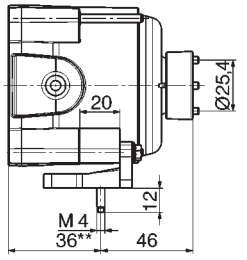
ECM with integrated fan and bracket







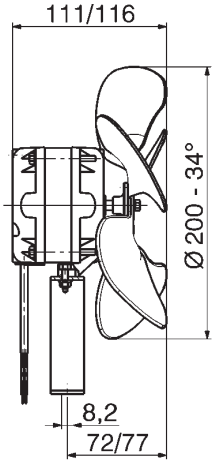
ECM with aluminium or plastic fan and bracket



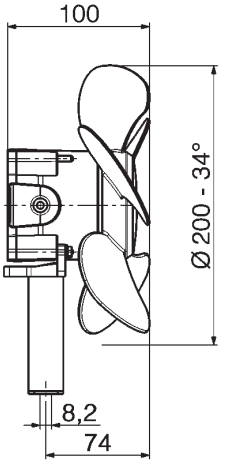
* 36 for greater power ratings
** 46 for greater power ratings

Comparison of overall dimensions with bracket

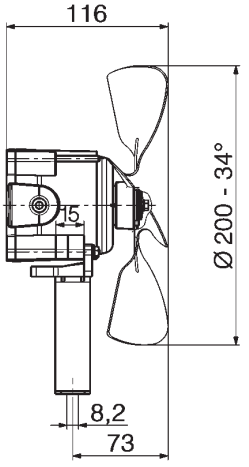
N
Aluminium/Plastic Fan



ECM
Integrated Fan



ECM
Aluminium/Plastic Fan



Fans

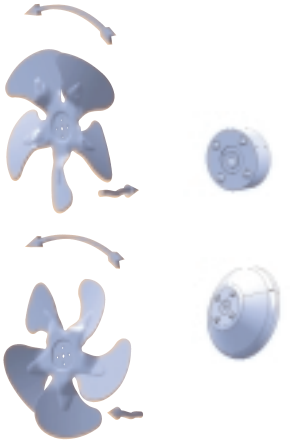
ECM 12W 1400 Rpm ECM 25W 1400 Rpm

Integrated plastic fan

	Fan Ø						
Type	**154**	**172**	**200**	**230**	**254**		
VMA	19°			19°			
					22°		
				25°			
		28°	28°				
				31°			
			34°				

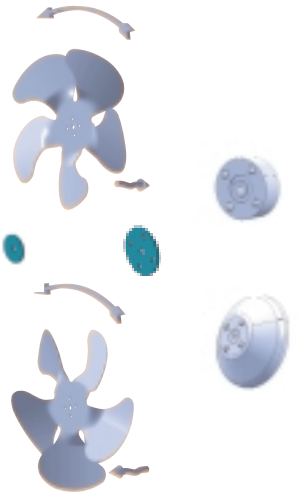
Plastic fan with fan hub

	Fan Ø						
Type	**140**	**154**	**172**	**200**	**222**	**230**	**254**
VEA							22°
						25°	
	28°	28°		28°		28°	28°
			31°		31°	31°	
				34°			
VEP		19°					19°
							25°
	28°						
				31°			



Aluminium fan with fan hub and silencer

	Fan Ø						
Type	**154**	**172**	**200**	**230**	**254**	**275**	**300**
A	19°	19°	19°	19°	19°		19°
	22°	22°	22°	22°	22°	22°	
	25°	25°	25°	25°	25°	25°	
	28°	28°	28°	28°	28°		
	31°	31°	31°	31°	31°		
	34°	34°	34°	34°	34°		
AO	19°	19°	19°	19°	19°		19°
	22°	22°	22°	22°	22°		
	25°	25°	25°	25°	25°	25°	
	28°	28°	28°	28°	28°		
	31°	31°	31°	31°	31°		
	34°	34°	34°	34°	34°		



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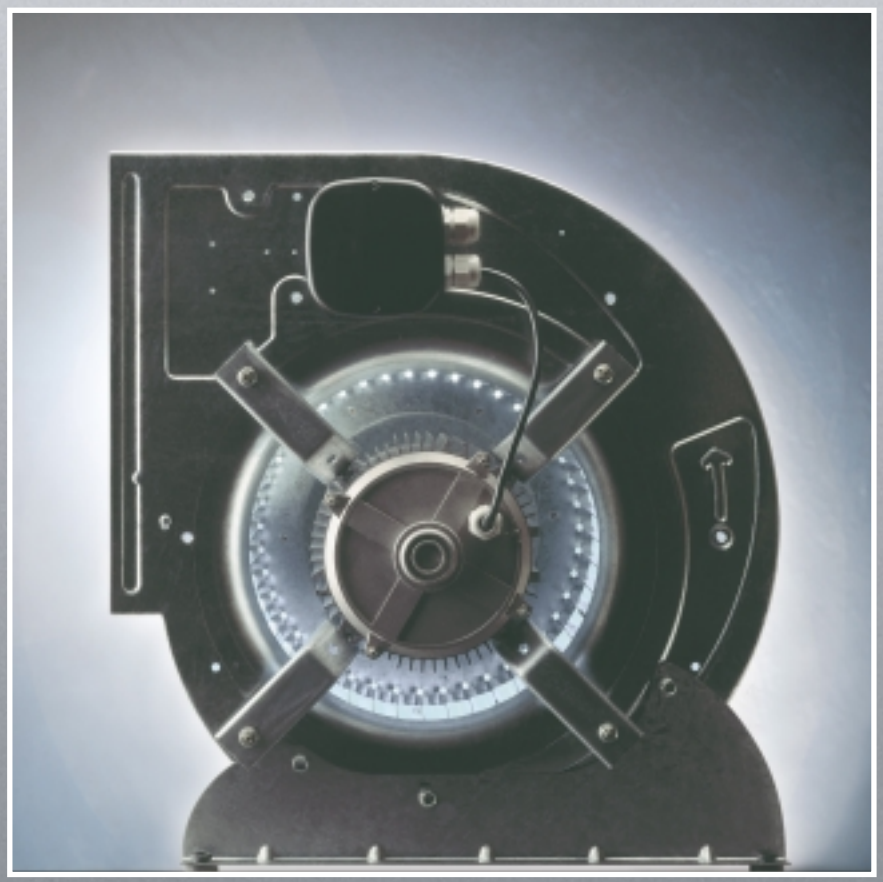

DDE

CENTRIFUGAL BLOWERS

INDICE

INDEX

ELCO Spa si riserva la facoltà di modificare, anche senza preavviso, i dati tecnici indicati in questo catalogo.
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VENTILATORI DDE

DDE BLOWERS

Caratteristiche generali

Questo catalogo illustra le caratteristiche tecniche dei ventilatori centrifughi, Serie DDE, doppia aspirazione, accoppiati direttamente a motore elettrico.
La consolidata esperienza di ELCO nella progettazione di macchine aerauliche, così come nella produzione di motori elettrici è stata la fondamentale premessa per realizzare questa gamma di ventilatori, ottimizzando efficienza e livello sonoro.

Combinando 7 diverse grandezze di ventola+coclea con una ampia selezione di motori ELCO ha realizzato una gamma di alcune centinaia di modelli che coprono un campo di portata da 400 a 7000 m^3/h.
In questo catalogo sono elencati e codificati 252 modelli. Per i 32 tipi più richiesti sono inoltre indicate le prestazione, così come rilevate dalle misure effettuate nei laboratori di ELCO.
L'ampia scelta di modelli permette quindi di utilizzare, per portate fino a 7.000 m^3/h la soluzione con motore direttamente accoppiato, evitando quindi costi, rischi e manutenzioni caratteristici delle soluzioni con trasmissione a mezzo cinghia.

I ventilatori DDE ELCO devono essere impiegati in ambienti riparati dalle intemperie e con aria esente da polveri ed in condizioni di temperatura ambiente compresa fra – 30°C e + 40°C.
Le serie standard permettono di scegliere fra le versioni con motori aperti (protezione IP20) o motori chiusi (protezione IP54), mono o plurivelocità, a 4 o 6 poli.
I ventilatori DDE sono forniti con condensatore già collegato, applicato direttamente alla coclea nella versione "motore aperto" o all'interno della scatola morsettiera, nella versione "motore chiuso".

Tutti i motori elettrici, hanno isolamento Classe B, e utilizzano supporti a bronzina prelubrificati che non richiedono alcuna periodica manutenzione.
Essi sono costruiti in ottemperanza alle Direttive di Bassa Tensione e di Compatibilità Elettromagnetica, così come alla Direttiva Macchine, secondo le Norme Standard CENELEC EN 60335-1.
Specifiche certificazioni (VDE, UL, CSA, etc) sono disponibili a richiesta.

Le coclee e le ventole (queste ultime bilanciate staticamente e dinamicamente) sono costruite in acciaio pre-zincato per la migliore protezione alla corrosione.
I ventilatori possono essere forniti privi di attacchi, o con un set di piedini di fissaggio su 4 orientamenti o con flangia premontata sulla bocca di mandata aria.
Per un corretto funzionamento è utile accertarsi, prima dell'avviamento dei ventilatori che non vi siano corpi estranei accidentalmente penetrati nelle coclee ed occorre inoltre evitare di fare funzionare i DDE a bocca libera (nessuna caduta di pressione) per non surriscaldare il motore.

L'ufficio Tecnico ELCO è a disposizione dei Clienti sia per assisterli nella scelta ottimale dei modelli sia per prendere in esame richieste per esecuzioni particolari, non indicate in questo catalogo.

General features

This catalogue shows the technical particulars of the DWDI direct driven DDE blowers.
The consolidated experiences of ELCO with air moving devices, as well as with the manufacturing of FHP electric motors, have been of fundamental importance to design this range of high efficiency low noise direct driven blowers.

ELCO has succeeded to realise a range of several hundred blowers models with capacities from 400 m^3/h to 7.000 m^3/h, matching 7 various housing+wheel sets with a wide selection of FHP motors.
This catalogue shows 252 models with pertinent part numbers. In addition performances ratings, as resulted from the ELCO Labs' tests, are also shown for the 32 most required models.
The wide models' selection gives the opportunity to choose, for air volumes up to 7.000 m^3/h, the direct driven solution, avoiding extra costs, risks and maintenance which are peculiar of the belt driven design.

The ELCO DDE blowers have to be installed in weather protected environments to operate with powder free air, and with room temperatures ranging from – 30°C to + 40°C.
Standard models are available either with "open" motors (protection class IP20) or with "totally closed" motors (protection class IP54), with one or more speeds, with 4 or 6 poles.
The DDE blowers are supplied with the capacitor already connected, assembled to the housing when using "open" motors, or inside the connection box by "closed" motors.

All motors have insulation class B, and are equipped with pre-lubricated maintenance free sleeve bearings.
They are designed and manufactured in accordance to the Direttive Bassa Tensione and Compatibilità Elettromagnetica, as well as to the Direttiva Macchine, according to CENELEC EN 60335-1 Standard Norms. Additional approvals (VDE, UL, CSA, etc.) are available upon request.

Housing and wheels (these last static and dynamically balanced) are manufactured with galvanised steel plates to avoid any corrosion process.
The blowers can be supplied without fittings, with a set of 4-positions support feet, or with a preassembled flange on the air blowing outlet.
For trouble free operation it is advisable to check, before starting, that no foreign matters eventually dropped into the housing.
It is also required not to operate the blowers as "free blowing" (no pressure drops) to avoid motors' overheat.

The ELCO Technical Department is anytime at Customers' disposal to support the best models' choice, or when special, no-standard models are required.

CODICI MOTORE APERTO SENZA ACCESSORI
PART NUMBERS OPEN MOTOR WITHOUT ACCESSORIES

4 POLI 1 VELOCITÀ - 4 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DDRA41N04	DDRA41N03							
9/7					DDFB41N02	DDFB41N01			
9/9					DDFC41N02	DDFC41N01	DDFC41N03		
10/8						DDFD41N01	DDFD41N02		
10/10						DDFE41N02	DDFE41N01		
12/9									
12/12									

4 POLI 3 VELOCITÀ - 4 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DDFA43N02							
9/7						DDFB43N01			
9/9						DDFC43N01			
10/8						DDFD43N01			
10/10						DDFE43N01			
12/9									
12/12									

6 POLI 1 VELOCITÀ - 6 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DDRA61N01	DDFA61N01							
9/7		DDFB61N01	DDFB61N02	DDFB61N03					
9/9		DDFC61N01	DDFC61N02	DDFC61N03					
10/8				DDFD61N01					
10/10				DDFE61N01					
12/9							DDHF61N01	DDHF61N03	DDHF61N02
12/12								DDHG61N01	DDHG61N02

6 POLI 3 VELOCITÀ - 6 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DDFA63N01							
9/7		DDFB63N03		DDFB63N04					
9/9		DDFC63N03		DDFC63N04					
10/8				DDFD63N01					
10/10				DDFE63N01			DDHE63N01		
12/9							DDHF63N01		
12/12							DDHG63N01		

CODICI MOTORE CHIUSO SENZA ACCESSORI
PART NUMBERS CLOSED MOTOR WITHOUT ACCESSORIES

4 POLI 1 VELOCITÀ - 4 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DERA41N01							
9/7					DEFB41N01	DEFB41N02			
9/9					DEFC41N01	DEFC41N02	DEFC41N03		
10/8						DEFD41N01	DEFD41N02		
10/10						DEFE41N01	DEFE41N02		
12/9									
12/12									

4 POLI 3 VELOCITÀ - 4 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DEFA43N01							
9/7						DEFB43N01			
9/9						DEFC43N01			
10/8						DEFD43N01			
10/10						DEFE43N01	DEFE43N02		
12/9									
12/12									

6 POLI 1 VELOCITÀ - 6 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DERA61N01	DEFA61N01							
9/7		DEFB61N01	DEFB61N02	DEFB61N03					
9/9		DEFC61N01	DEFC61N02	DEFC61N03					
10/8				DEFD61N01					
10/10				DEFE61N01					
12/9							DEHF61N01	DEHF61N02	DEHF61N03
12/12								DEHG61N01	DEHG61N02

6 POLI 3 VELOCITÀ - 6 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DEFA63N01							
9/7		DEFB63N02	DEFB63N01	DEFB63N03					
9/9		DEFC63N01	DEFC63N02						
10/8				DEFD63N02					
10/10				DEFE63N01			DEHE63N01		
12/9							DEHF63N01		
12/12							DEHG63N01		

CODICI MOTORE APERTO CON PIEDINI DI APPOGGIO

PART NUMBERS OPEN MOTOR WITH SUPPORT FEET

4 POLI 1 VELOCITÀ - 4 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DDRA41P04	DDRA41P03							
9/7					DDFB41P02	DDFB41P01			
9/9					DDFC41P01	DDFC41P02	DDFC41P03		
10/8						DDFD41P01	DDFD41P02		
10/10						DDFE41P01	DDFE41P02		
12/9									
12/12									

4 POLI 3 VELOCITÀ - 4 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DDFA43P02							
9/7						DDFB43P01			
9/9						DDFC43P01			
10/8						DDFD43P01			
10/10						DDFE43P01			
12/9									
12/12									

6 POLI 1 VELOCITÀ - 6 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DDRA61P01	DDFA61P01							
9/7		DDFB61P01	DDFB61P02	DDFB61P03					
9/9		DDFC61P01	DDFC61P02	DDFC61P03					
10/8				DDFD61P01					
10/10				DDFE61P01					
12/9							DDHF61P01	DDHF61P03	DDHF61P02
12/12								DDHG61P02	DDHG61P01

6 POLI 3 VELOCITÀ - 6 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DDFA63P01							
9/7		DDFB63P01		DDFB63P04					
9/9		DDFC63P01		DDFC63P02					
10/8				DDFD63P01					
10/10				DDFE63P01			DDHE63P01		
12/9							DDHF63P01		
12/12							DDHG63P01		

CODICI MOTORE CHIUSO CON PIEDINI DI APPOGGIO

PART NUMBERS CLOSED MOTOR WITH SUPPORT FEET

4 POLI 1 VELOCITÀ - 4 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DERA41P01							
9/7					DEFB41P01	DEFB41P02			
9/9					DEFC41P01	DEFC41P02	DEFC41P03		
10/8						DEFD41P01	DEFD41P02		
10/10						DEFE41P01	DEFE41P02		
12/9									
12/12									

4 POLI 3 VELOCITÀ - 4 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DEFA43P01							
9/7						DEFB43P01			
9/9						DEFC43P01			
10/8						DEFD43P01			
10/10						DEFE43P01	DEFE43P02		
12/9									
12/12									

6 POLI 1 VELOCITÀ - 6 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DERA61P01	DEFA61P01							
9/7		DEFB61P01	DEFB61P02	DEFB61P03					
9/9		DEFC61P01	DEFC61P02	DEFC61P03					
10/8				DEFD61P01					
10/10				DEFE61P01					
12/9							DEHF61P01	DEHF61P02	DEHF61P03
12/12								DEHG61P01	DEHG61P02

6 POLI 3 VELOCITÀ - 6 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DEFA63P01							
9/7		DEFB63P02	DEFB63P01	DEFB63P03					
9/9		DEFC63P01	DEFC63P02						
10/8				DEFD63P02					
10/10				DEFE63P01			DEHE63P01		
12/9							DEHF63P01		
12/12							DEHG63P01		

CODICI MOTORE APERTO CON FLANGIA DI FISSAGGIO
PART NUMBERS OPEN MOTOR WITH FIXING FLANGE

4 POLI 1 VELOCITÀ - 4 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DDRA41F04	DDRA41F03							
9/7					DDFB41F02	DDFB41F01			
9/9					DDFC41F01	DDFC41F02	DDFC41F03		
10/8						DDFD41F01	DDFD41F02		
10/10						DDFE41F01	DDFE41F02		
12/9									
12/12									

4 POLI 3 VELOCITÀ - 4 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DDFA43F02							
9/7						DDFB43F01			
9/9						DDFC43F01			
10/8						DDFD43F01			
10/10						DDFE43F01			
12/9									
12/12									

6 POLI 1 VELOCITÀ - 6 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DDRA61F01	DDFA61F01							
9/7		DDFB61F01	DDFB61F02	DDFB61F03					
9/9		DDFC61F01	DDFC61F02	DDFC61F03					
10/8				DDFD61F01					
10/10				DDFE61F01					
12/9							DDHF61F01	DDHF61F03	DDHF61F02
12/12								DDHG61F01	DDHG61F02

6 POLI 3 VELOCITÀ - 6 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DDFA63F01							
9/7		DDFB63F01		DDFB63F04					
9/9		DDFC63F01		DDFC63F02					
10/8				DDFD63F01					
10/10				DDFE63F01			DDHE63F01		
12/9							DDHF63F01		
12/12							DDHG63F01		

CODICI MOTORE CHIUSO CON FLANGIA DI FISSAGGIO

PART NUMBERS CLOSED MOTOR WITH FIXING FLANGE

4 POLI 1 VELOCITÀ - 4 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DERA41F01							
9/7					DEFB41F01	DEFB41F02			
9/9					DEFC41F04	DEFC41F01	DEFC41F03		
10/8						DEFD41F01	DEFD41F02		
10/10						DEFE41F01	DEFE41F02		
12/9									
12/12									

4 POLI 3 VELOCITÀ - 4 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DEFA43F01							
9/7						DEFB43F01			
9/9						DEFC43F01			
10/8						DEFD43F01			
10/10						DEFE43F01	DEFE43F02		
12/9									
12/12									

6 POLI 1 VELOCITÀ - 6 POLES 1 SPEED

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7	DERA61F01	DEFA61F01							
9/7		DEFB61F01	DEFB61F02	DEFB61F03					
9/9		DEFC61F03	DEFC61F02	DEFC61F01					
10/8				DEFD61F01					
10/10				DEFE61F01					
12/9							DEHF61F01	DEHF61F02	DEHF61F03
12/12								DEHG61F01	DEHG61F02

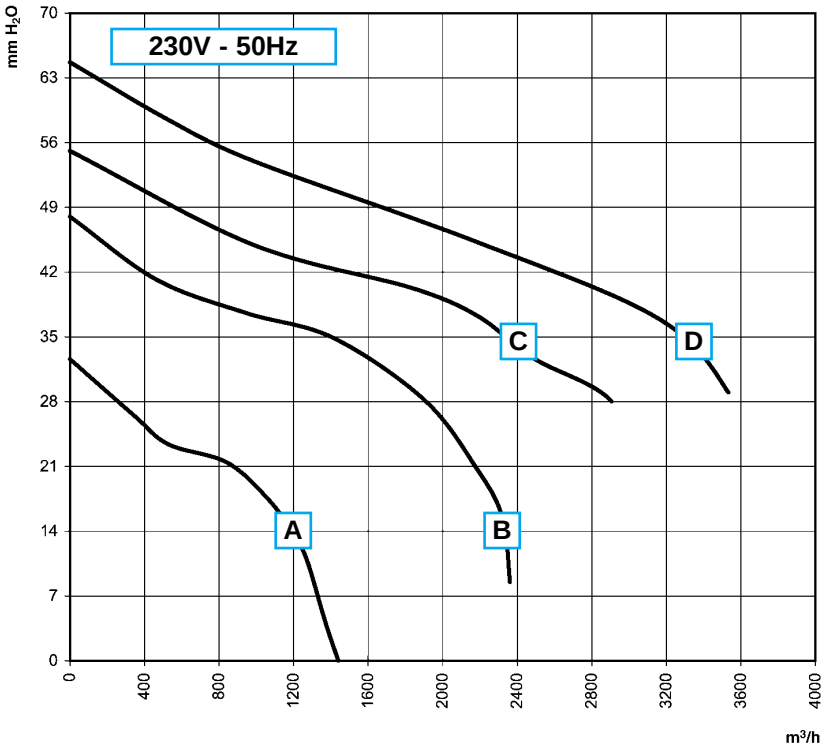
6 POLI 3 VELOCITÀ - 6 POLES 3 SPEEDS

HP W out	1/12 60	1/5 145	1/4 185	1/3 245	2/5 300	1/2 370	3/4 550	1 735	1,5 1100
7/7		DEFA63F01							
9/7		DEFB63F02	DEFB63F01	DEFB63F03					
9/9		DEFC63F01	DEFC63F02						
10/8				DEFD63F02					
10/10				DEFE63F01			DEHE63F01		
12/9							DEHF63F01		
12/12							DEHG63F01		

GRAFICI GUIDA SCELTA VENTILATORE

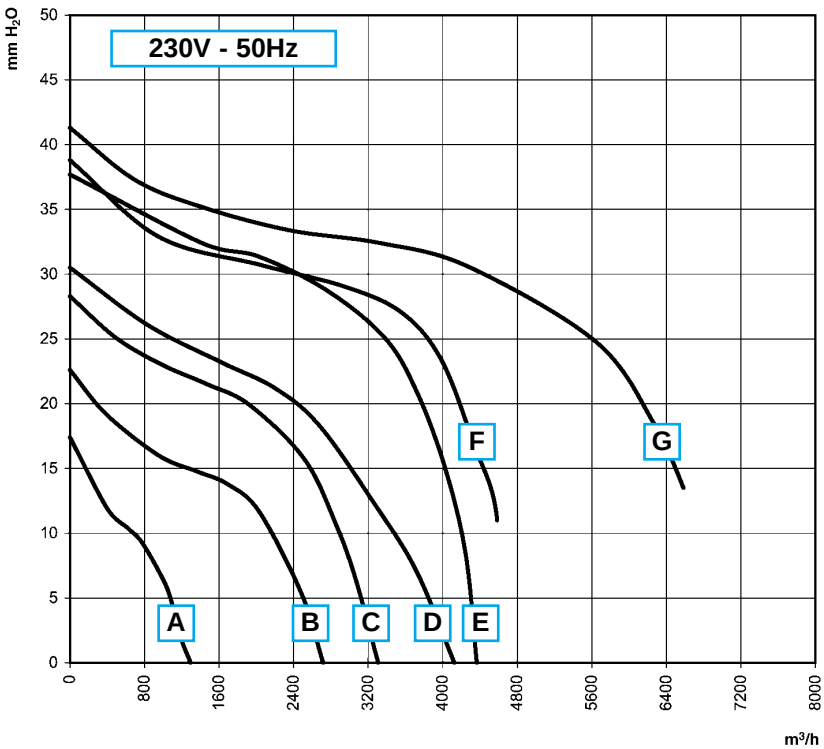
GUIDE CHARTS BLOWERS' SELECTION

4 POLI



- A = 7/7 - 145W
- B = 9/9 - 300W
- C = 10/10 - 370W
- D = 10/10 - 550W

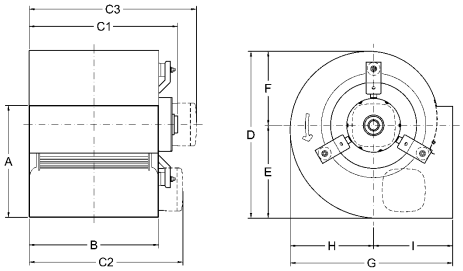
6 POLI



- A = 7/7 - 145W
- B = 9/9 - 245W
- C = 10/8 - 245W
- D = 10/10 - 550W
- E = 12/9 - 550W
- F = 12/9 - 735W
- G = 12/12 - 1100W

DIMENSIONI DI INGOMBRO — OVERALL DIMENSIONS

SENZA ACCESSORI / WITHOUT ACCESSORIES

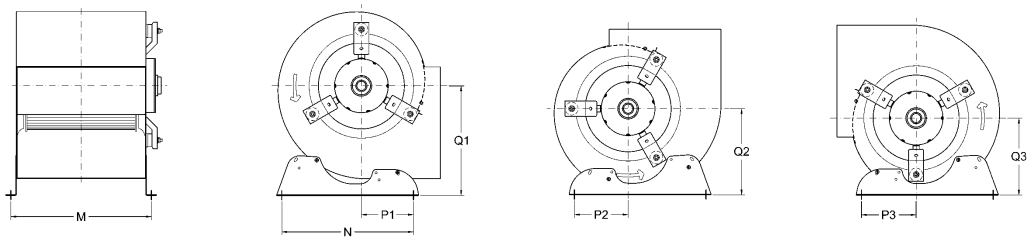


Condensatore e morsettiera vengono forniti in box chiuso (IP55) solo per serie con motori chiusi.

Connection box (IP55) with capacitor supplied only with closed motors range.

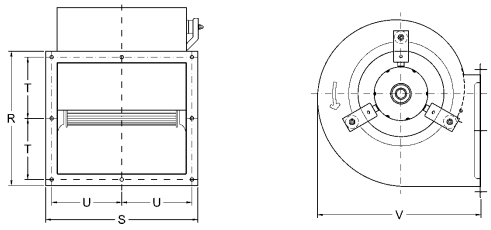
Mod.	A	B	C1	C2	C3	D	E	F	G	H	I
7/7	210	230	278	-	332	323	186	137	300	163	137
9/7	260	233	289	314	-	388	216	172	378	194	184
9/9	260	301	343	370	-	388	216	172	378	194	184
10/8	291	265	307	328	-	444	250	194	420	222	198
10/10	291	330	386	400	-	444	250	194	420	222	198
12/9	341	310	366	373	-	519	292	227	490	260	230
12/12	341	396	452	460	-	519	292	227	490	260	230

CON PIEDINI DI APPOGGIO / WITH SUPPORT FEET



Mod.	M	N	P1	P2	P3	Q1	Q2	Q3
7/7	258	200	117	86	88	211	177	154
9/7	259	300	118	122	122	263	208	183
9/9	327	300	118	122	122	263	208	183
10/8	291	340	131	132	130	295	240	206
10/10	356	340	131	132	130	295	240	206
12/9	336	408	164	156	162	336	274	243
12/12	422	408	164	156	162	336	274	243

CON FLANGIA DI FISSAGGIO / WITH FIXING FLANGE



Mod.	R	S	T	U	V
7/7	262	292	100	135	302
9/7	311	288	142,5	131	380
9/9	311	354	142,5	164	380
10/8	340	321	157	147,5	422
10/10	340	387	157	180,5	422
12/9	390	365	182	169,5	492
12/12	390	451	182	212,5	492

DATI ELETTRICI CON MOTORE APERTO

ELECTRICAL DATA WITH OPEN MOTOR

	SIGLA DESCRIPTION	VOLT	Hz	POLI POLES	VEL. SP.	FASI PHASES	RPM 50 Hz	W in 50 Hz	W out	A max 50 Hz	A max 60 Hz	COND. CAPAC.
7/7	**DDE 7/7 60-6-1V-S-M**	230-240	50-60	6	1	M	800	150	60	0,7	0,8	3,15
	DDE 7/7 145-4-1V-S-M	230-240	50-60	4	1	M	950	320	145	1,5	1,6	5
	DDE 7/7 145-4-3V-S-M	230-240	50-60	4	3	M	1080	350	145	1,5	1,7	8
	DDE 7/7 145-6-1V-S-M	230-240	50-60	6	1	M	920	200	145	0,95	1,3	4
	DDE 7/7 145-6-3V-S-M	230-240	50	6	3	M	935	210	145	1	-	6,3
9/7	**DDE 9/7 145-6-1V-S-M**	230-240	50-60	6	1	M	800	400	145	1,8	2,2	5
	DDE 9/7 145-6-3V-S-M	230-240	50-60	6	3	M	770	350	145	1,5	1,8	8
	DDE 9/7 185-6-1V-S-M	230-240	50-60	6	1	M	870	370	185	1,7	2,1	6,3
	DDE 9/7 245-6-1V-S-M	230-240	50-60	6	1	M	880	420	245	2	2,4	10
	DDE 9/7 245-6-3V-S-M	230-240	50-60	6	3	M	900	460	245	2	2,5	10
	DDE 9/7 300-4-1V-S-M	230-240	50	4	1	M	980	660	300	2,9	-	10
	DDE 9/7 370-4-1V-S-M	230-240	50	4	1	M	1070	960	370	4,3	-	12,5
	DDE 9/7 370-4-3V-S-M	230-240	50	4	3	M	1060	960	370	4,2	-	12,5
9/9	**DDE 9/9 145-6-1V-S-M**	230-240	50-60	6	1	M	740	420	145	2	2,2	5
	DDE 9/9 145-6-3V-S-M	230-240	50-60	6	3	M	750	360	145	1,6	1,9	8
	DDE 9/9 185-6-1V-S-M	230-240	50-60	6	1	M	770	430	185	2	2,2	6,3
	DDE 9/9 245-6-1V-S-M	230-240	50-60	6	1	M	840	500	245	2,3	2,7	10
	DDE 9/9 245-6-3V-S-M	230-240	50	6	3	M	860	500	245	2,2	-	10
	DDE 9/9 300-4-1V-S-M	230-240	50	4	1	M	950	700	300	3	-	10
	DDE 9/9 370-4-1V-S-M	230-240	50	4	1	M	980	1050	370	4,7	-	12,5
	DDE 9/9 370-4-3V-S-M	230-240	50	4	3	M	1030	1000	370	4,4	-	12,5
	DDE 9/9 550-4-1V-S-M	230-240	50-60	4	1	M	1100	1250	550	5,6	5,7	15
10/8	**DDE 10/8 245-6-1V-S-M**	230-240	50-60	6	1	M	725	600	245	2,6	2,9	12,5
	DDE 10/8 245-6-3V-S-M	230-240	50	6	3	M	780	600	245	2,6	-	12,5
	DDE 10/8 370-4-1V-S-M	230-240	50	4	1	M	1020	1080	370	4,7	-	15
	DDE 10/8 370-4-3V-S-M	230-240	50	4	3	M	1100	950	370	4,2	-	12,5
	DDE 10/8 550-4-1V-S-M	230-240	50	4	1	M	1100	1250	550	5,6	-	15
10/10	**DDE 10/10 245-6-1V-S-M**	230-240	50-60	6	1	M	680	630	245	2,8	3	12,5
	DDE 10/10 245-6-3V-S-M	230-240	50	6	3	M	760	640	245	2,8	-	12,5
	DDE 10/10 370-4-1V-S-M	230-240	50	4	1	M	1080	1020	370	4,5	-	15
	DDE 10/10 370-4-3V-S-M	230-240	50	4	3	M	1170	950	370	4,3	-	15
	DDE 10/10 550-4-1V-S-M	230-240	50	4	1	M	1035	1200	550	5,5	-	15
	DDE 10/10 550-6-3V-S-M	230-240	50	6	3	M	830	960	550	4	-	15
12/9	**DDE 12/9 550-6-1V-S-M**	230-240	50	6	1	M	730	1000	550	4,4	-	18
	DDE 12/9 550-6-3V-S-M	230-240	50	6	3	M	1200	850	550	5,3	-	20
	DDE 12/9 735-6-1V-S-M	230-240	50-60	6	1	M	760	1120	735	5	5	20
	DDE 12/9 1100-6-1V-S-T	230-400	50-60	6	1	T	1000	1800	1100	5,7/3,3	-	-
12/12	**DDE 12/12 550-6-3V-S-M**	230-240	50	6	3	M	825	1250	550	5,5	-	20
	DDE 12/12 735-6-1V-S-M	230-240	50-60	6	1	M	730	1150	735	5,1	5,1	20
	DDE 12/12 1100-6-1V-S-T	230-400	50-60	6	1	T	880	1800	1100	6,2/3,6	8,1/4,7	-

DATI ELETTRICI CON MOTORE CHIUSO

ELECTRICAL DATA WITH CLOSED MOTOR

	SIGLA DESCRIPTION	VOLT	Hz	POLI POLES	VEL. SP.	FASI PHASES	RPM 50 Hz	W in 50 Hz	W out	A max 50 Hz	A max 60 Hz	COND. CAPAC.
7/7	**DDE 7/7 60-6-1V-S-M**	230-240	50-60	6	1	M	800	150	60	0,7	0,8	3,15
	DDE 7/7 145-4-1V-S-M	230-240	50-60	4	1	M	950	320	145	1,5	1,6	5
	DDE 7/7 145-4-3V-S-M	230-240	50	4	3	M	1080	350	145	1,5	-	8
	DDE 7/7 145-6-1V-S-M	230-240	50-60	6	1	M	920	200	145	0,95	1,3	4
	DDE 7/7 145-6-3V-S-M	230-240	50	6	3	M	935	210	145	1	-	6,3
	DDE 7/7 195-4-1V-S-M	230-240	50-60	4	1	M	1300	365	195	1,7	1,7	5
9/7	**DDE 9/7 145-6-1V-S-M**	230-240	50-60	6	1	M	800	370	145	1,8	1,9	5
	DDE 9/7 145-6-3V-S-M	230-240	50-60	6	3	M	770	350	145	1,5	1,8	8
	DDE 9/7 185-6-1V-S-M	230-240	50-60	6	1	M	840	400	185	1,8	2,2	6,3
	DDE 9/7 185-6-3V-S-M	230-240	50-60	6	3	M	770	350	185	1,5	1,8	8
	DDE 9/7 245-6-1V-S-M	230-240	50-60	6	1	M	880	420	245	2	2,4	10
	DDE 9/7 245-6-3V-S-M	230-240	50	6	3	M	900	460	245	2	-	10
	DDE 9/7 300-4-1V-S-M	230-240	50	4	1	M	980	660	300	2,9	-	10
	DDE 9/7 370-4-1V-S-M	230-240	50-60	4	1	M	1070	950	370	4,3	4,8	12,5
	DDE 9/7 370-4-3V-S-M	230-240	50	4	3	M	1060	960	370	4,2	-	12,5
9/9	**DDE 9/9 145-6-1V-S-M**	230-240	50-60	6	1	M	720	400	145	1,9	2	5
	DDE 9/9 145-6-3V-S-M	230-240	50-60	6	3	M	750	360	145	1,6	1,9	8
	DDE 9/9 185-6-1V-S-M	230-240	50-60	6	1	M	740	440	185	2	2,1	6,3
	DDE 9/9 245-6-1V-S-M	230-240	50-60	6	1	M	740	500	245	2,3	2,7	10
	DDE 9/9 245-6-3V-S-M	230-240	50	6	3	M	860	500	245	2,2	-	10
	DDE 9/9 300-4-1V-S-M	230-240	50	4	1	M	950	700	300	3	-	10
	DDE 9/9 370-4-1V-S-M	230-240	50-60	4	1	M	1000	1100	370	5	4,9	12,5
	DDE 9/9 370-4-3V-S-M	230-240	50	4	3	M	1030	1000	370	4,4	-	12,5
	DDE 9/9 550-4-1V-S-M	230-240	50	4	1	M	1150	1100	550	5,1	-	15
10/8	**DDE 10/8 245-6-1V-S-M**	230-240	50	6	1	M	790	650	245	2,9	-	12,5
	DDE 10/8 245-6-3V-S-M	230-240	50	6	3	M	780	600	245	2,6	-	12,5
	DDE 10/8 370-4-1V-S-M	230-240	50	4	1	M	1080	930	370	4,2	-	12,5
	DDE 10/8 370-4-3V-S-M	230-240	50	4	3	M	950	1070	370	4,2	-	12,5
	DDE 10/8 550-4-1V-S-M	230-240	50	4	1	M	1200	1100	550	4,8	-	15
10/10	**DDE 10/10 245-6-1V-S-M**	230-240	50	6	1	M	750	800	245	3,8	-	12,5
	DDE 10/10 245-6-3V-S-M	230-240	50	6	3	M	760	640	245	2,8	-	12,5
	DDE 10/10 370-4-1V-S-M	230-240	50	4	1	M	1100	1000	370	4,4	-	12,5
	DDE 10/10 370-4-3V-S-M	230-240	50	4	3	M	910	1140	370	4	-	15
	DDE 10/10 550-4-1V-S-M	230-240	50	4	1	M	1170	1100	550	4,9	-	15
	DDE 10/10 550-4-3V-S-M	230-240	50	4	3	M	1270	1050	550	4,5	-	12,5
	DDE 10/10 550-6-3V-S-M	230-240	50	6	3	M	830	960	550	4	-	15
12/9	**DDE 12/9 550-6-1V-S-M**	230-240	50	6	1	M	730	1000	550	4,4	-	18
	DDE 12/9 550-6-3V-S-M	230-240	50	6	3	M	825	1250	550	5,3	-	20
	DDE 12/9 735-6-1V-S-M	230-240	50-60	6	1	M	760	1120	735	5	5	20
	DDE 12/9 1100-6-1V-S-T	230-400	50-60	6	1	T	910	1600	1100	6,2/3,6	5,7/3,3	-
12/12	**DDE 12/12 550-6-3V-S-M**	230-240	50	6	3	M	825	1250	550	5,5	-	20
	DDE 12/12 735-6-1V-S-M	230-240	50-60	6	1	M	760	1120	735	5	5	20
	DDE 12/12 1100-6-1V-S-T	230-400	50-60	6	1	T	910	1600	1100	6,2/3,6	5,7/3,3	-

DESCRIZIONE CODICI
CODES EXPLANATION

CODICE PART NUMBER

DDRA41P01S1

FAMIGLIA PRODOTTO / PRODUCT FAMILY
D = Serie DDE / DDE Range

MOTORE / MOTOR
D = Aperto / Open
E = Chiuso / Closed

TIPO MOTORE / MOTOR TYPE
R = RG
F = FG
H = HO

MODELLO / SIZE
A = 7/7
B = 9/7
C = 9/9
D = 10/8
E = 10/10
F = 12/9
G = 12/12
H = Grandezza speciale / No standard size

POLI / POLES
4 = 4 Poli / 4 Poles
6 = 6 Poli / 6 Poles

VELOCITÀ / SPEED
1 = 1 Velocità / 1 speed
3 = 3 Velocità / 3 speeds
T = Autotrasformatore / Autotransformer

ACCESSORI / ACCESSORIES
N = Nessun accessorio / Without accessories
P = Piedini di appoggio / Support feet
F = Flangia di fissaggio / Fixing flange

VARIANTE MECCANICA / MECHANICAL OPTION
XX = Numero progressivo / Progressive number

IMBALLO / PACKING
S... = Numero progressivo / Progressive number

SIGLA DESCRIPTION

DDE 7/7 145-4-1V-S-M

SERIE / RANGE

MODELLO / SIZE

WATT RESI / WATT OUT

POLI / POLES

VELOCITÀ / SPEED

POSIZIONE MOTORE / MOTOR FIXING SIDE
S = Lato sinistro / Left hand side
D = Lato destro / Right hand side

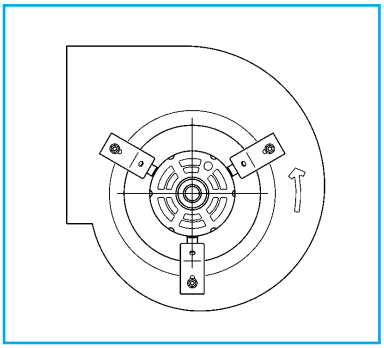
ALIMENTAZIONE / POWER SUPPLY
M = Monofase / Single phase
T = Trifase / Three phase

DDE 7/7 145-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA61N01

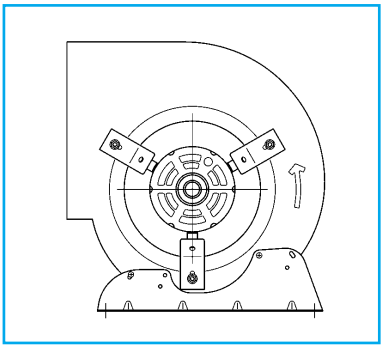
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA61N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open Motor IP20 - Part number
DDFA61P01

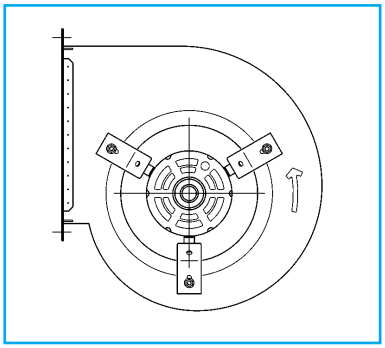
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA61P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA61F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA61F01

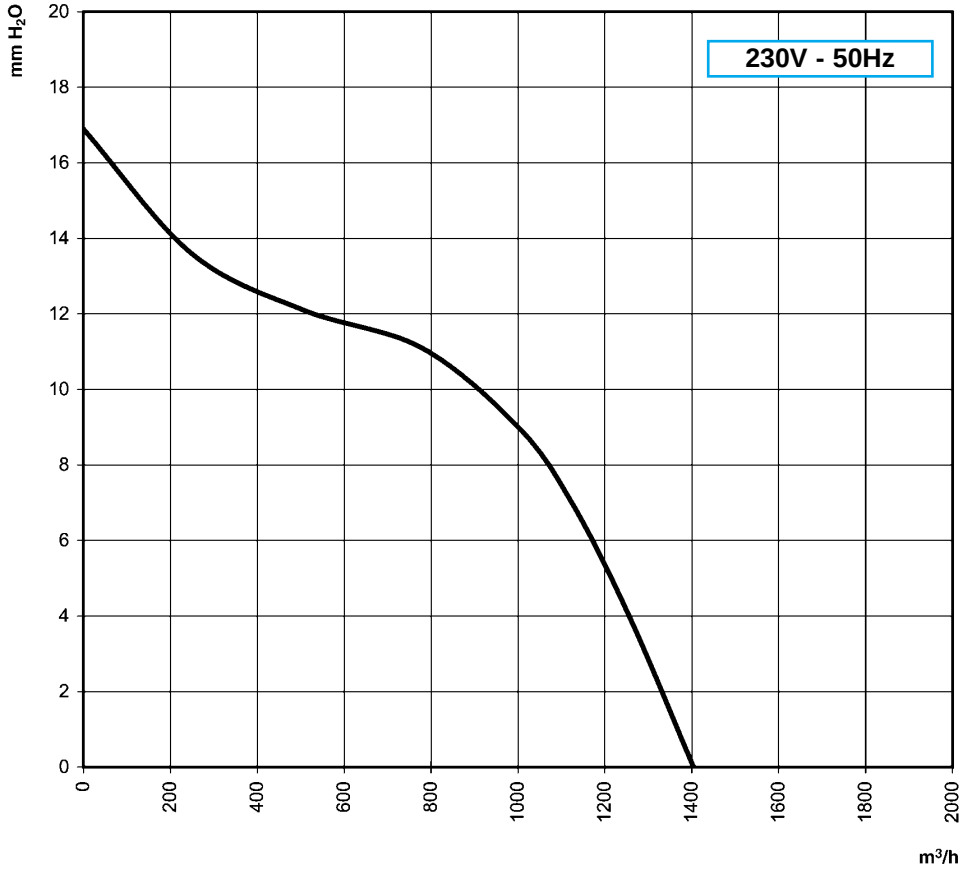


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
145 W

Corrente Max - Max. current
0,95 A
Condensatore - Capacitor
4 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

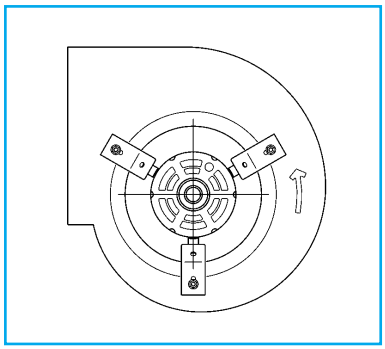


DDE 7/7 145-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA63N01

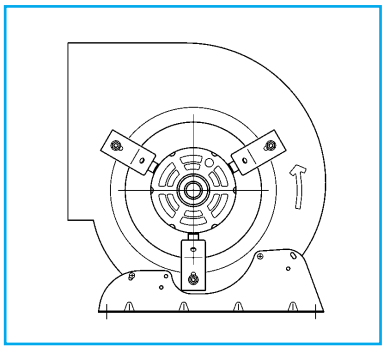
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA63N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA63P01

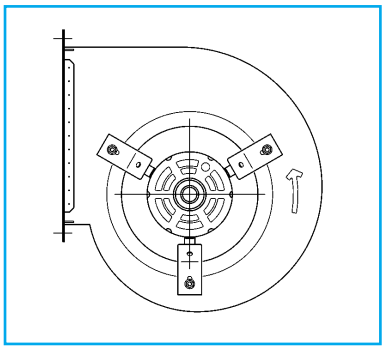
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA63P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA63F01

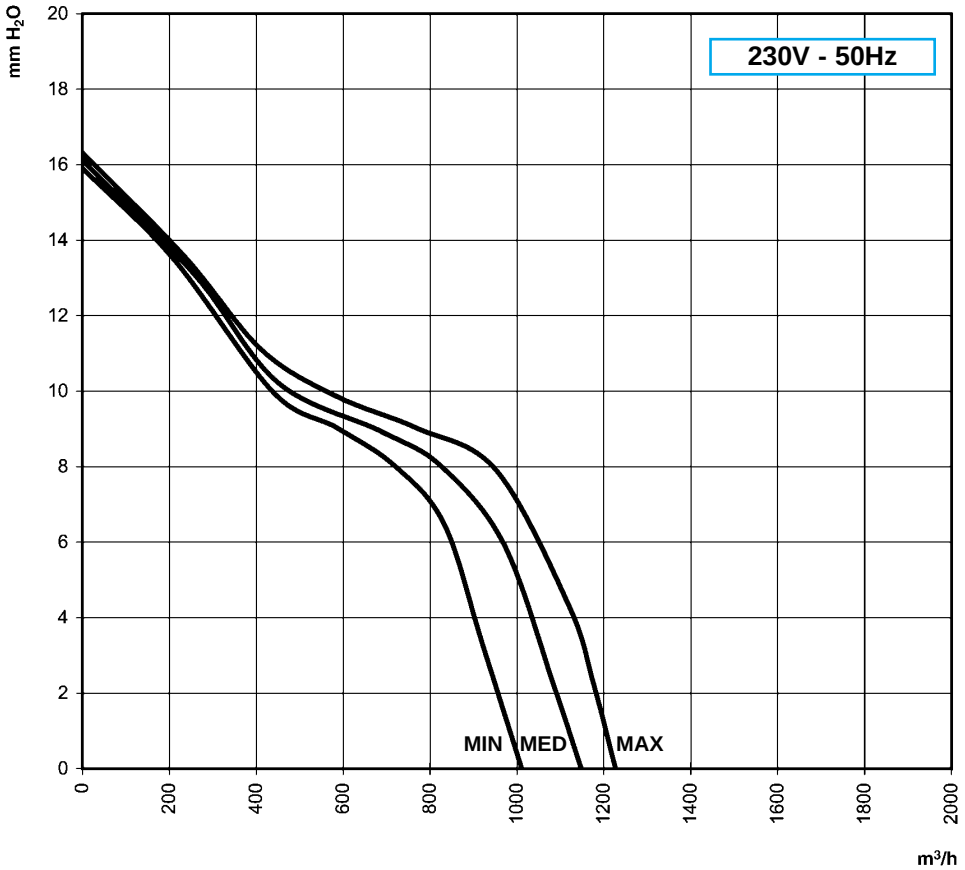


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
120 W

Corrente Max - Max. current
1 A
Condensatore - Capacitor
6,3 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

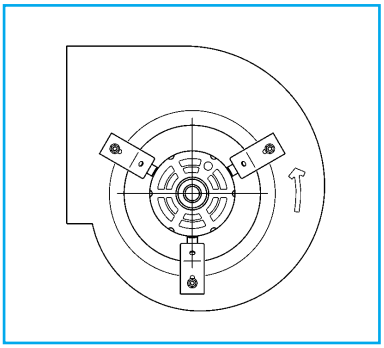


DDE 7/7 145-4-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA43N02

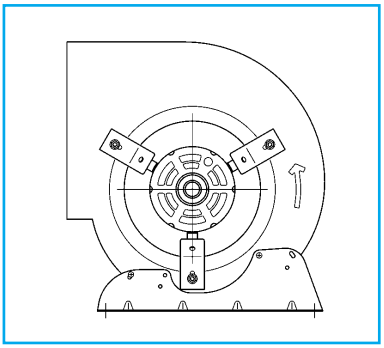
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA43N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA43P01

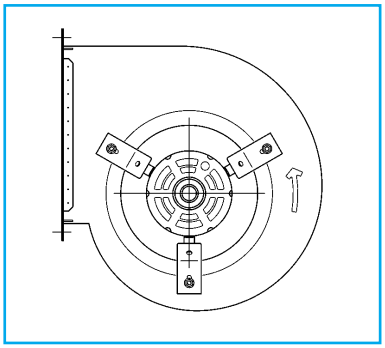
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA43P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFA43F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFA43F01

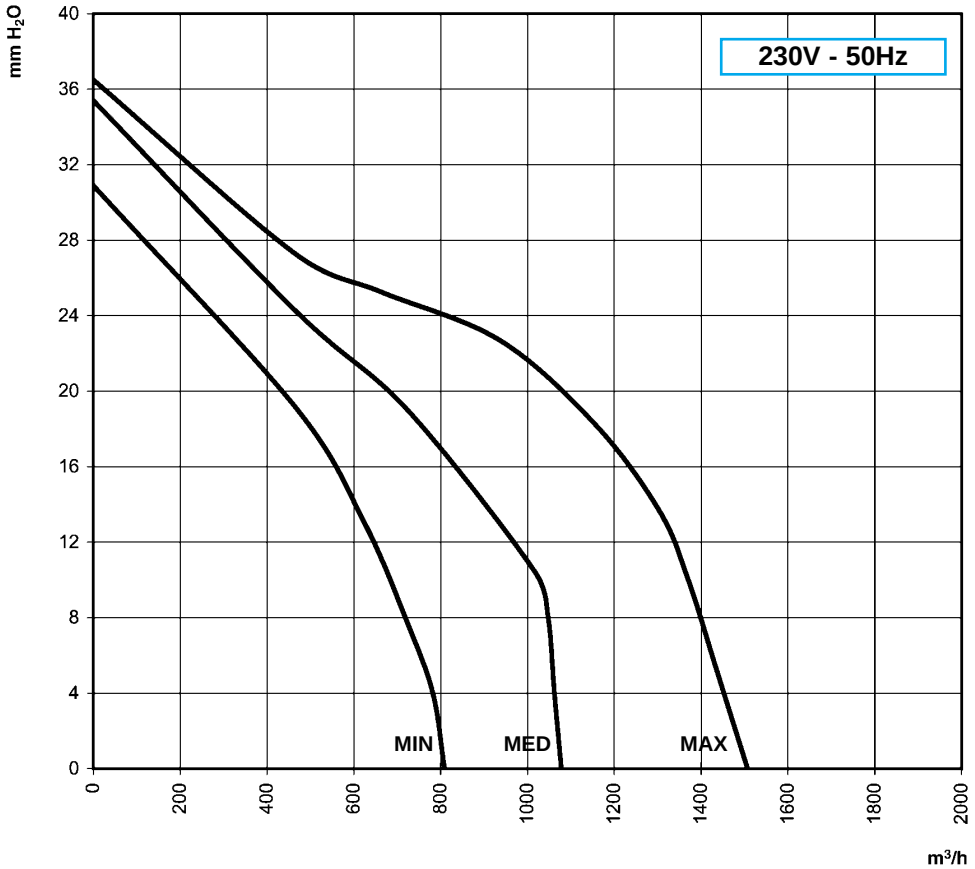


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
145 W

Corrente Max - Max. current
1,5 A
Condensatore - Capacitor
8 µF
Poli - Poles
4

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

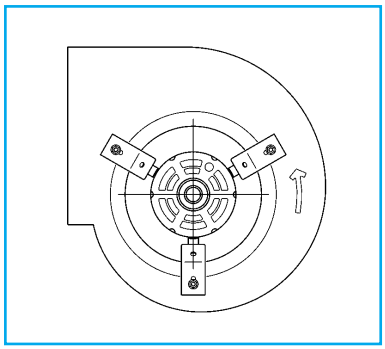


DDE 9/7 145-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB61N01

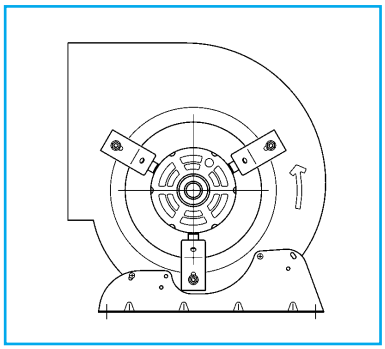
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB61N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB61P01

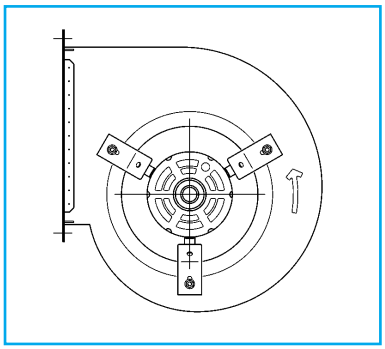
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB61P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB61F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB61F01

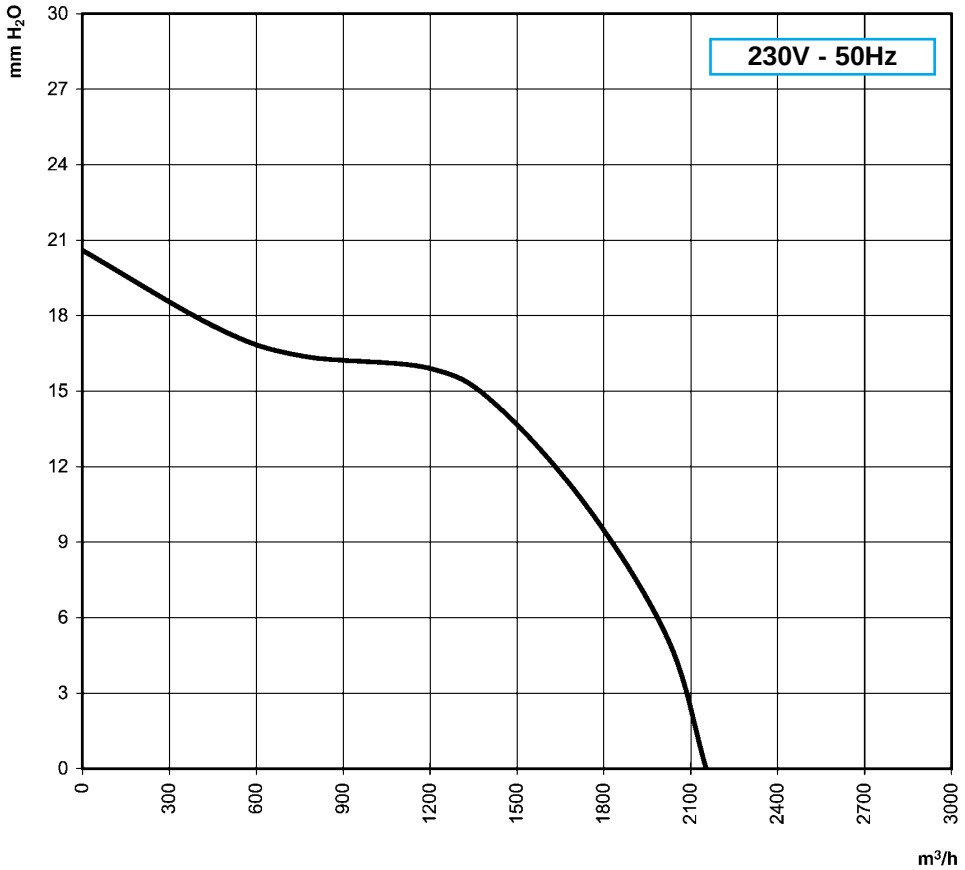


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
145 W

Corrente Max - Max. current
1,8 A
Condensatore - Capacitor
5 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

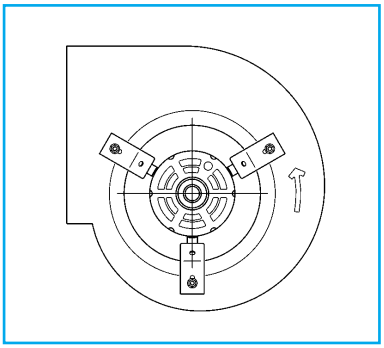


DDE 9/7 145-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB63N03

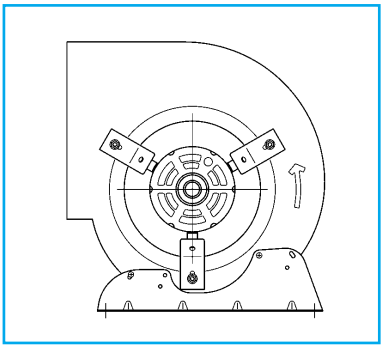
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB63N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB63P01

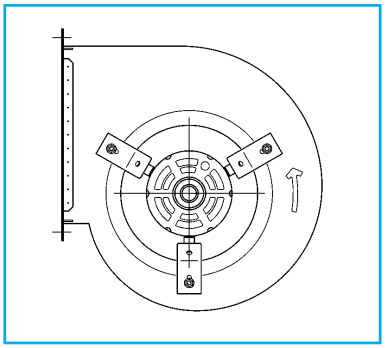
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB63P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB63F02

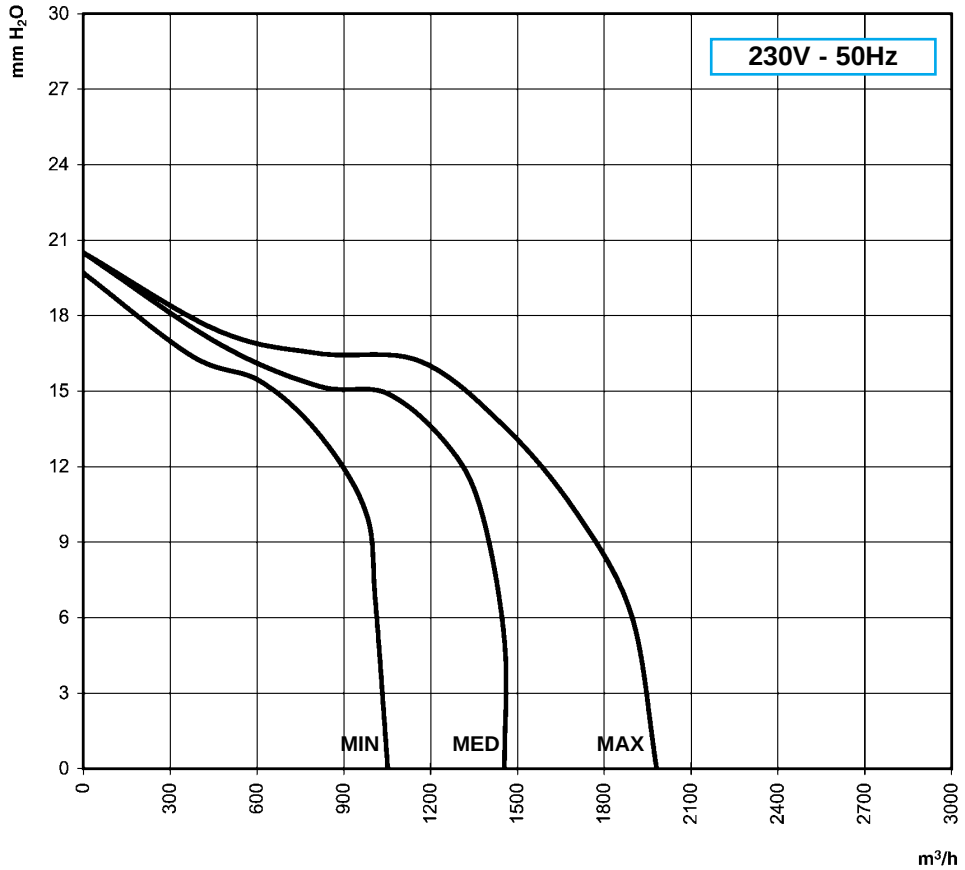


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
145 W

Corrente Max - Max. current
1,5 A
Condensatore - Capacitor
8 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

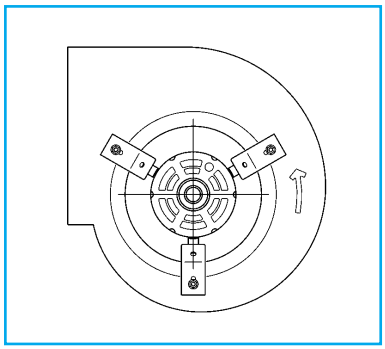


DDE 9/7 245-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB61N03

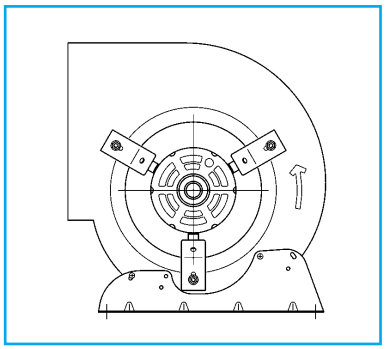
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB61N03



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB61P03

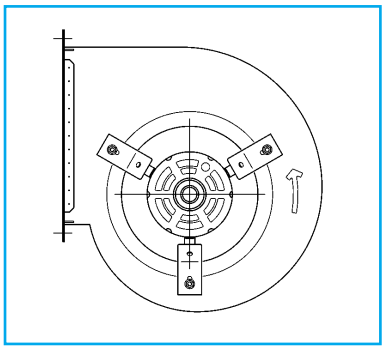
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB61P03



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB61F03

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB61F03

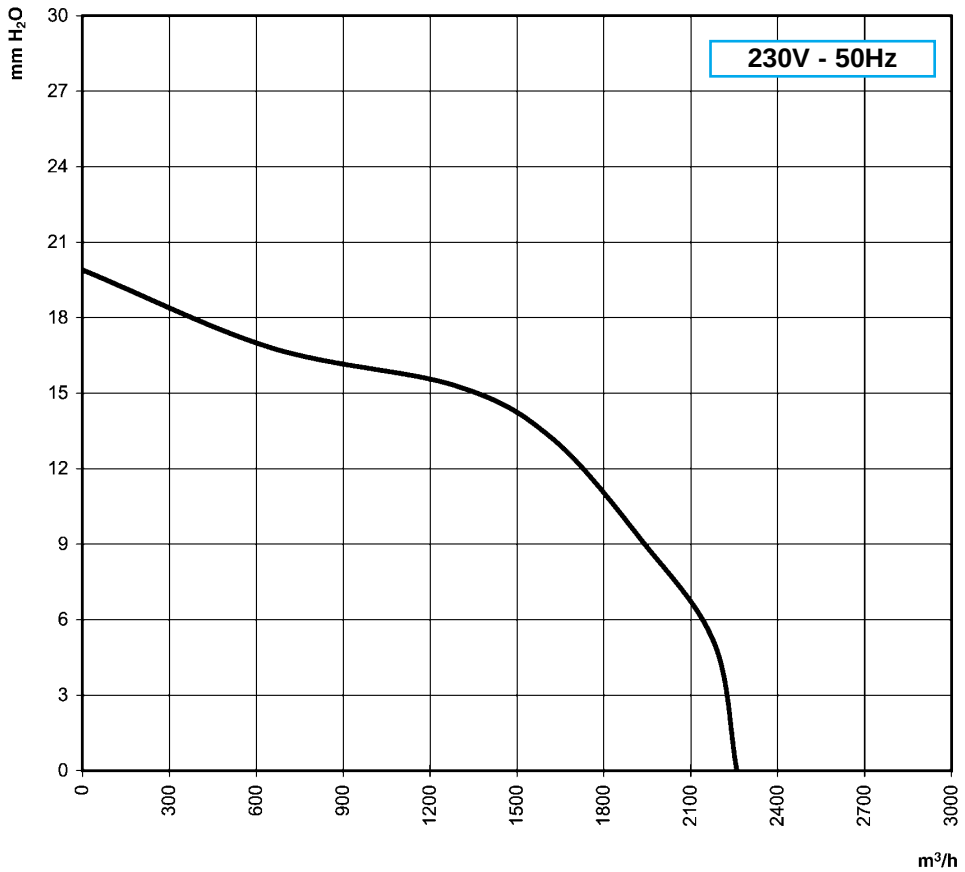


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
2 A
Condensatore - Capacitor
10 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

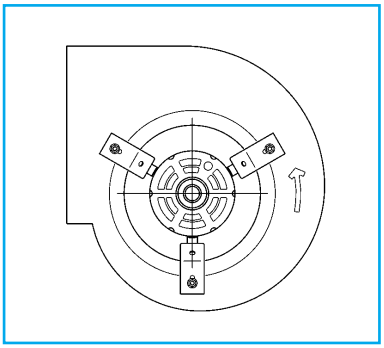


DDE 9/7 245-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 Part number
DDFB63N04

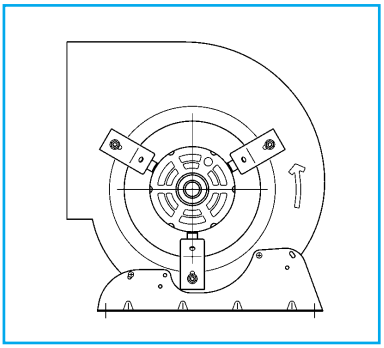
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB63N03



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB63P04

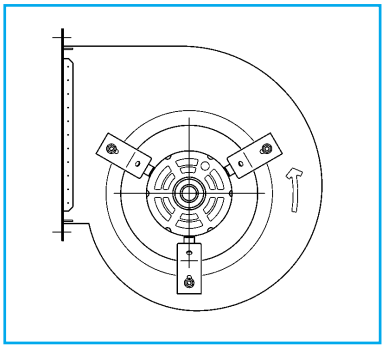
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB63P03



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB63F04

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB63F03

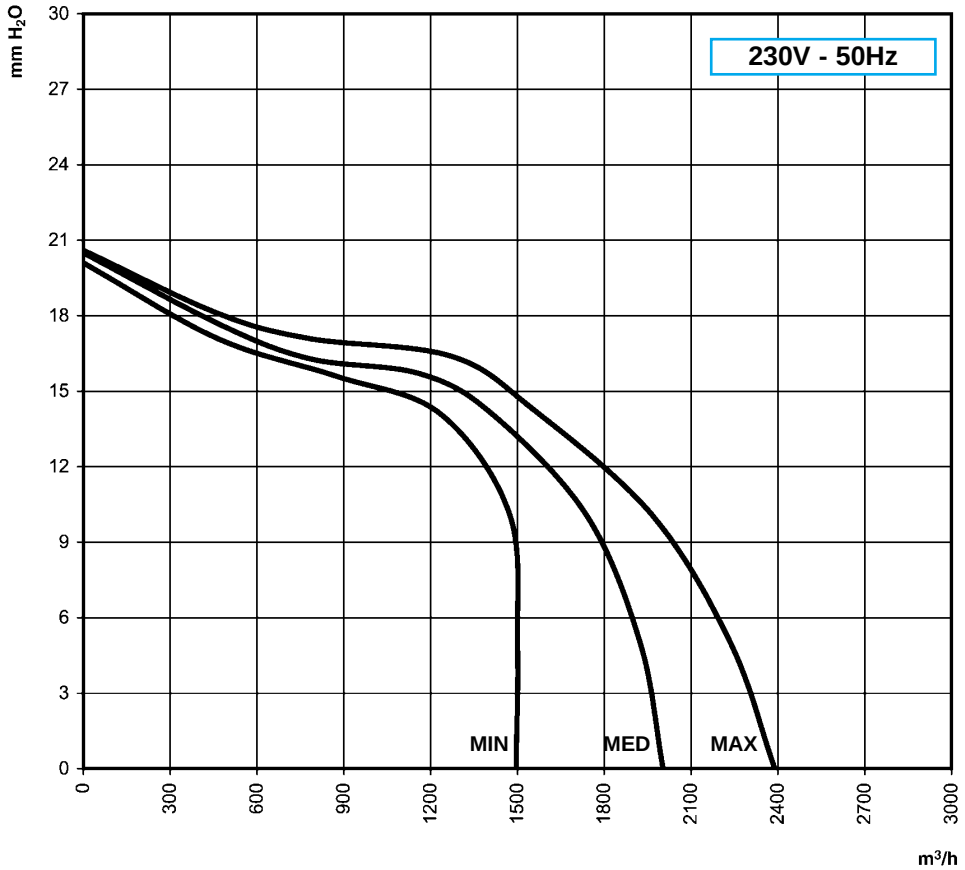


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
2,2 A
Condensatore - Capacitor
10 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

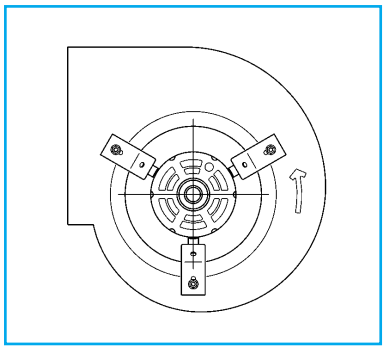


DDE 9/7 370-4-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB41N01

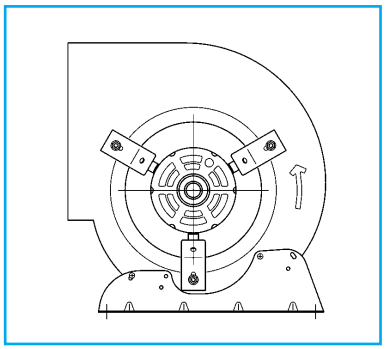
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB41N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB41P01

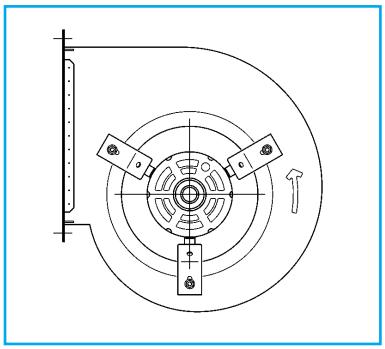
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB41P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB41F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB41F02

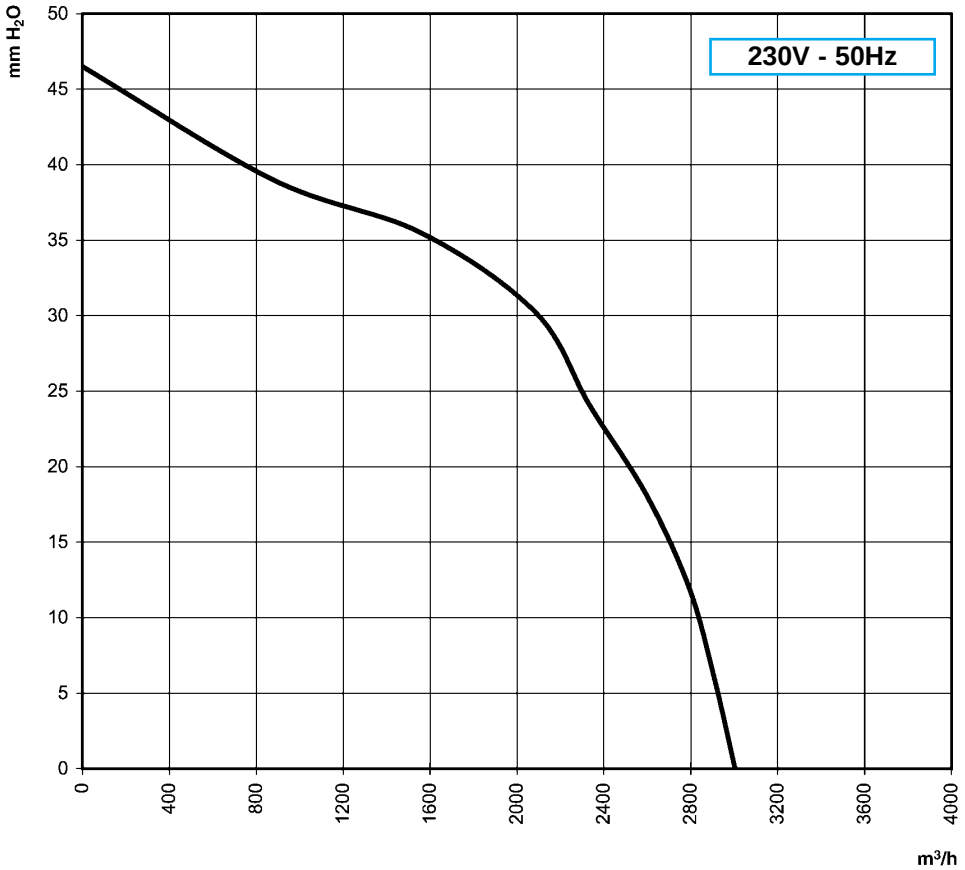


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
4,3 A
Condensatore - Capacitor
12 µF
Poli - Poles
4

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

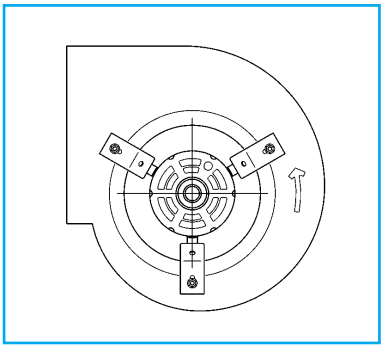


DDE 9/7 370-4-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB43N01

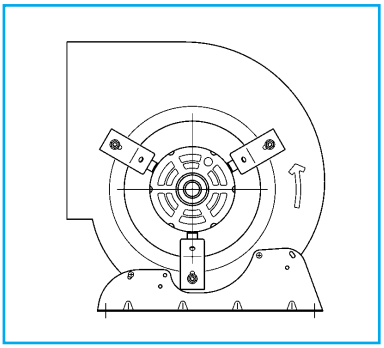
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB43N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB43P01

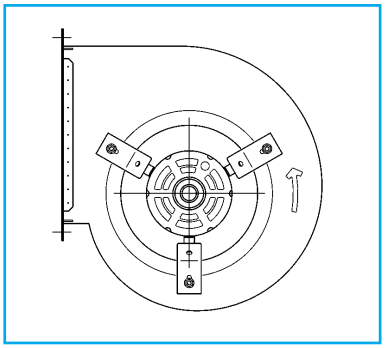
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB43P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFB43F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFB43F01

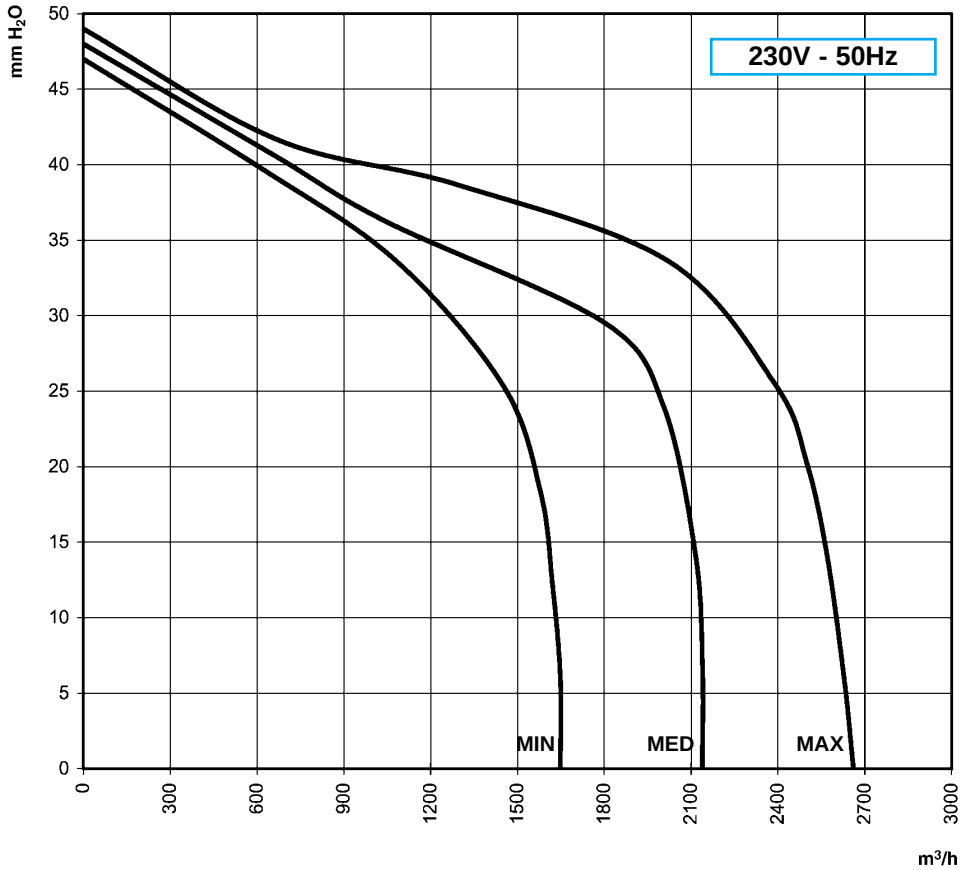


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
4,2 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
4

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

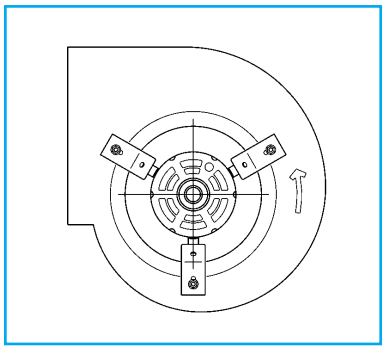


DDE 9/9 145-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC61N01

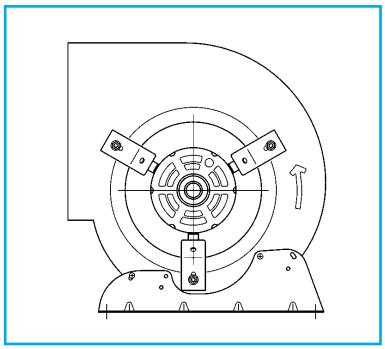
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC61N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC61P01

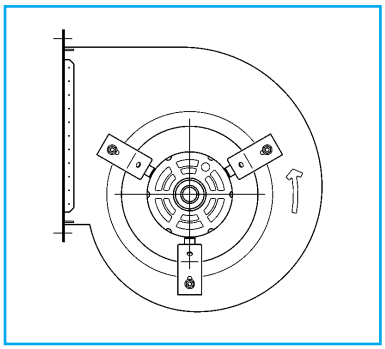
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC61P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC61F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC61F03

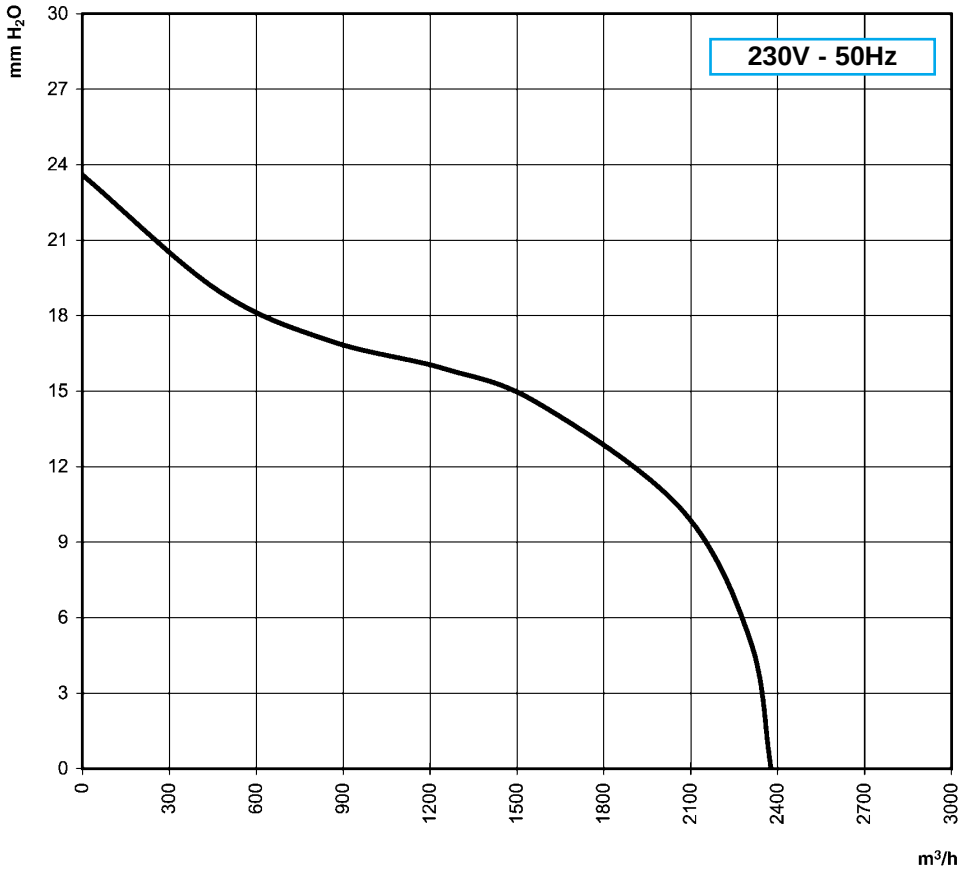


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
145 W

Corrente Max - Max . current
1,9 A
Condensatore - Capacitor
5 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

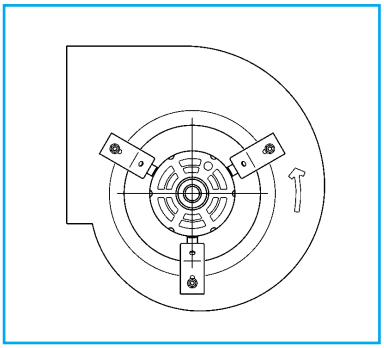


DDE 9/9 145-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC63N03

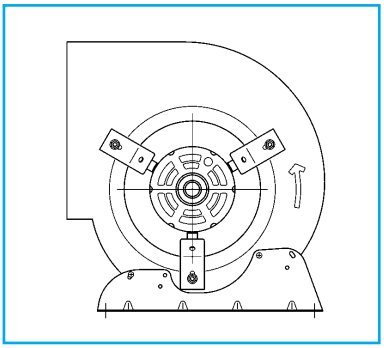
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC63N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC63P01

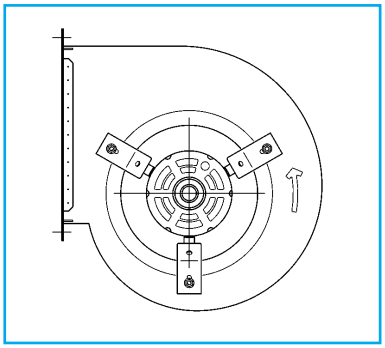
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC63P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC63F01

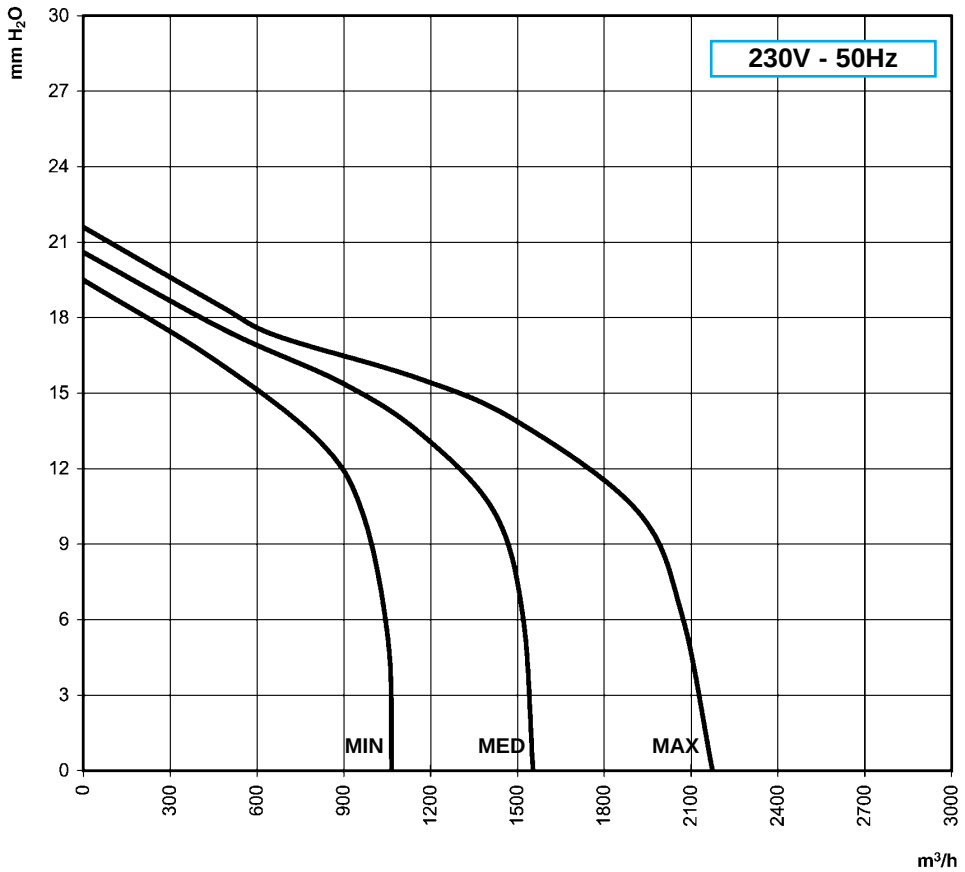


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
145 W

Corrente Max - Max. current
1,6 A
Condensatore - Capacitor
8 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

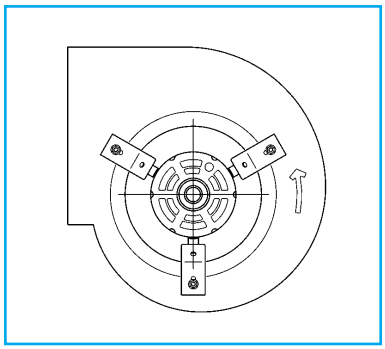


DDE 9/9 245-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC61N03

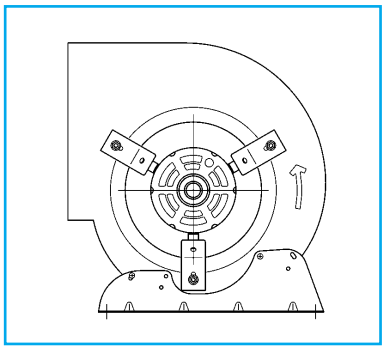
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC61N03



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC61P03

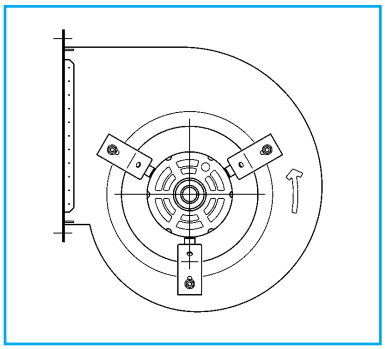
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC61P03



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC61F03

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC61F01

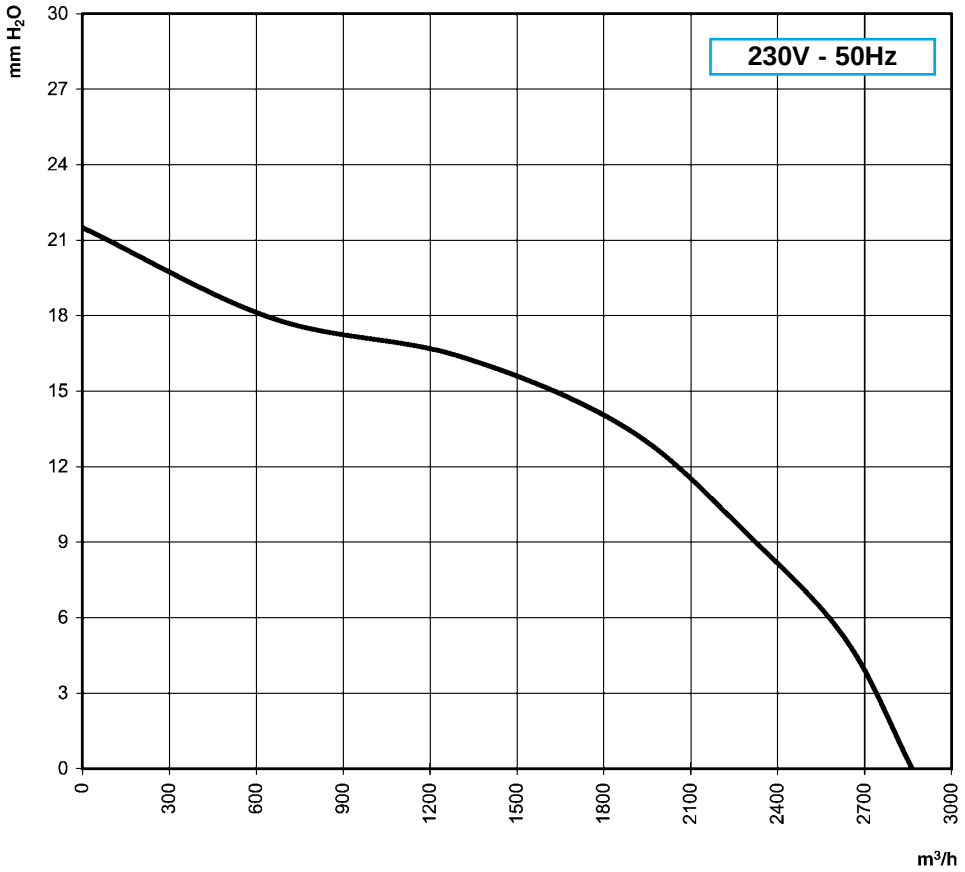


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
2,3 A
Condensatore - Capacitor
10 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

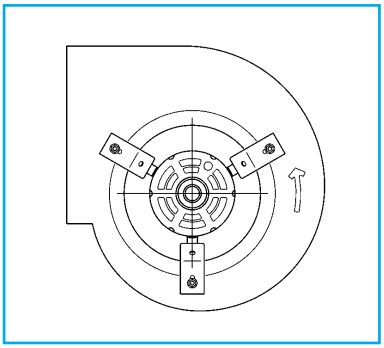


DDE 9/9 245-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC63N04

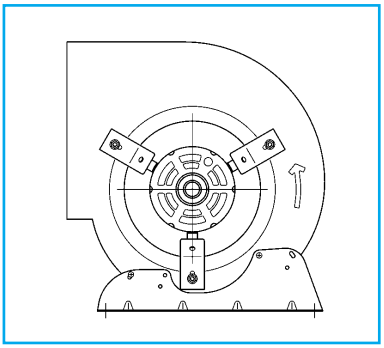
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC63N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC63P02

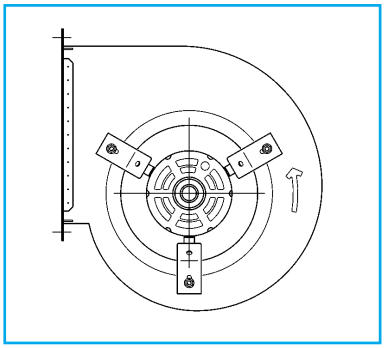
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC63P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC63F02

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC63F02

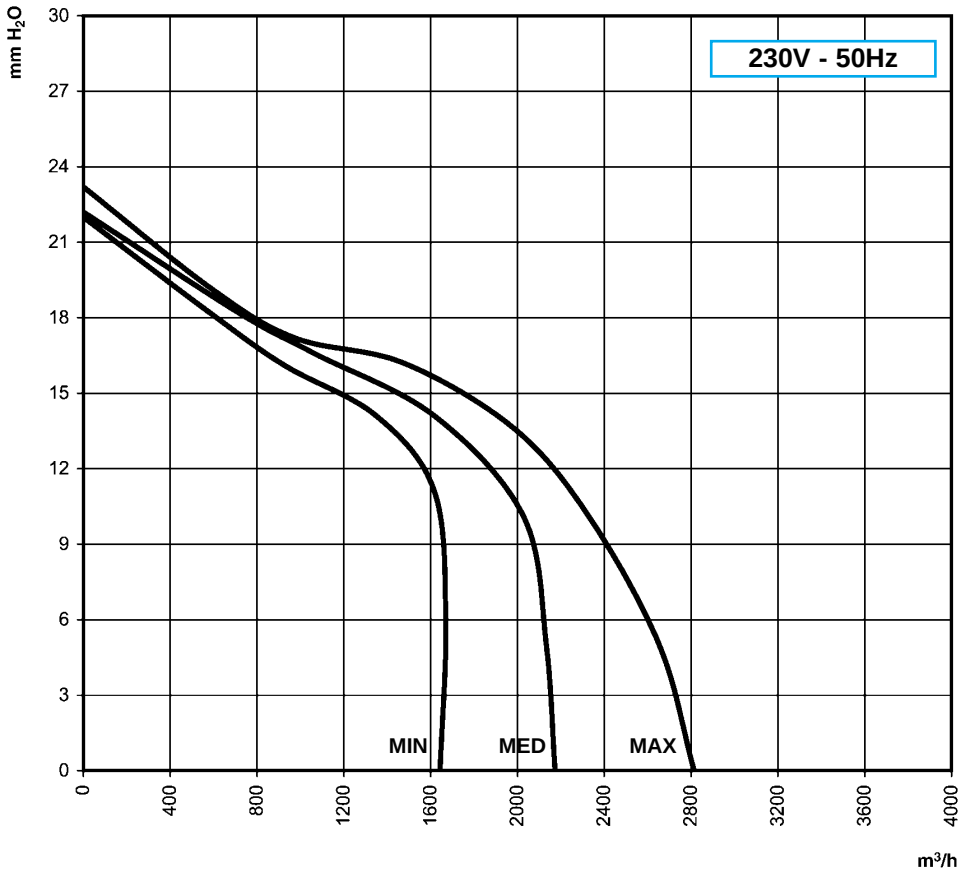


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
2,2 A
Condensatore - Capacitor
10 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

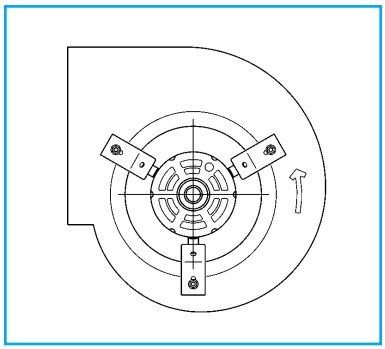


DDE 9/9 370-4-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC41N01

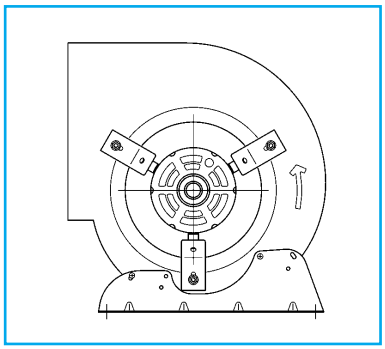
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC41N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC41P01

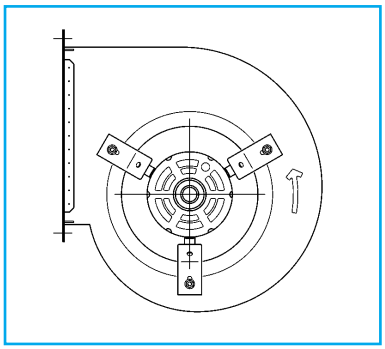
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC41P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC41F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC41F01

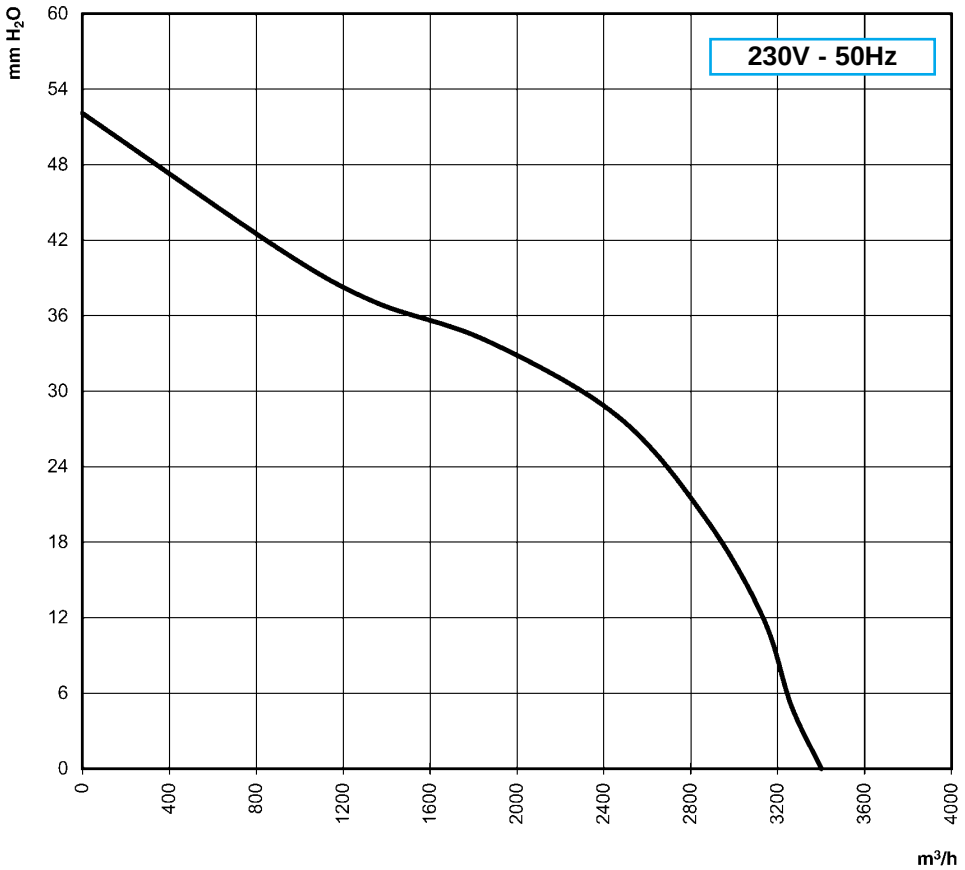


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
5 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
4

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

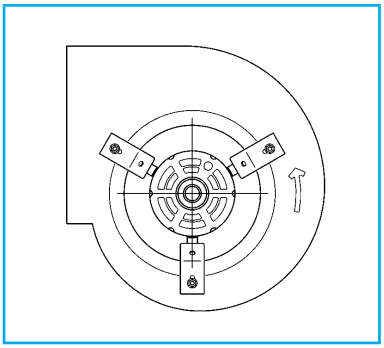


DDE 9/9 370-4-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC43N01

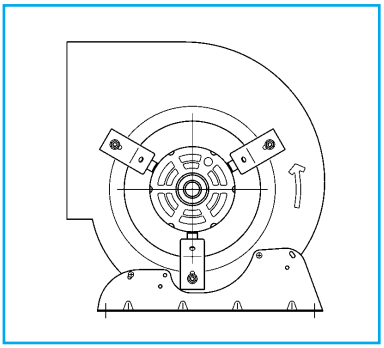
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC43N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC43P01

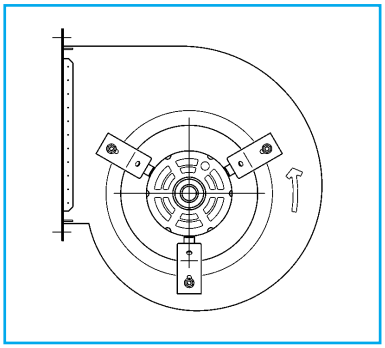
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC43P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFC43F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFC43F01

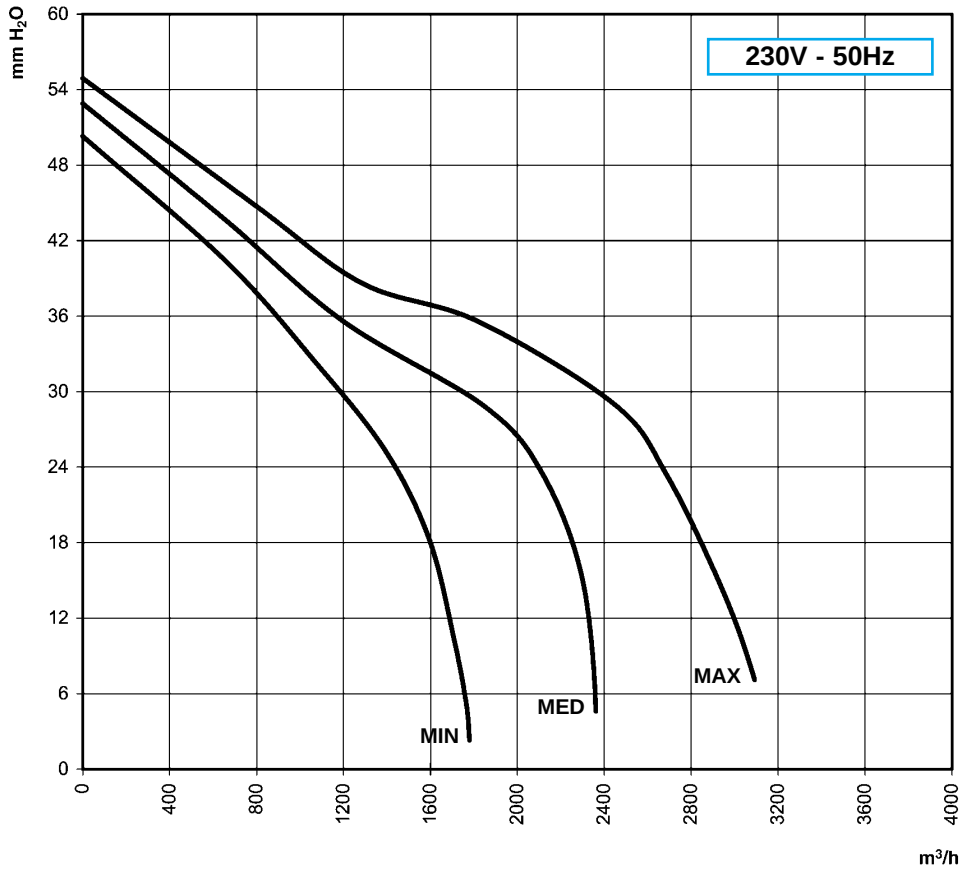


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
4,4 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
4

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
7 mm H_2O

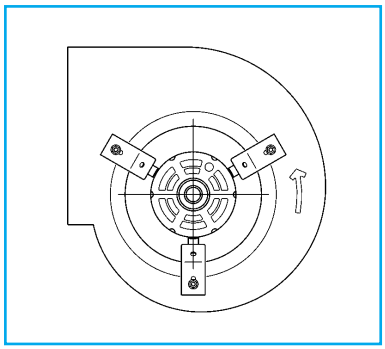


DDE 10/8 245-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD61N01

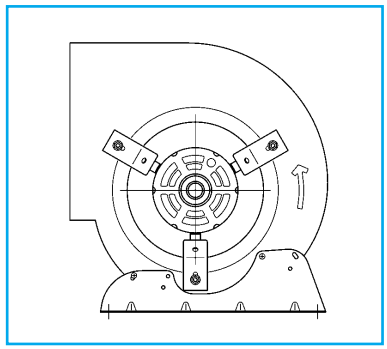
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD61N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD61P01

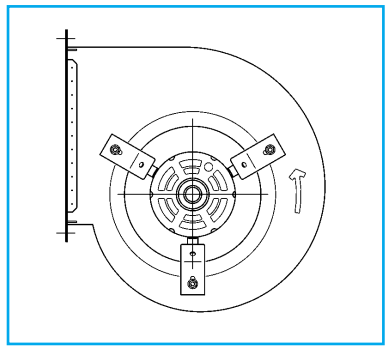
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD61P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD61F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD61F01

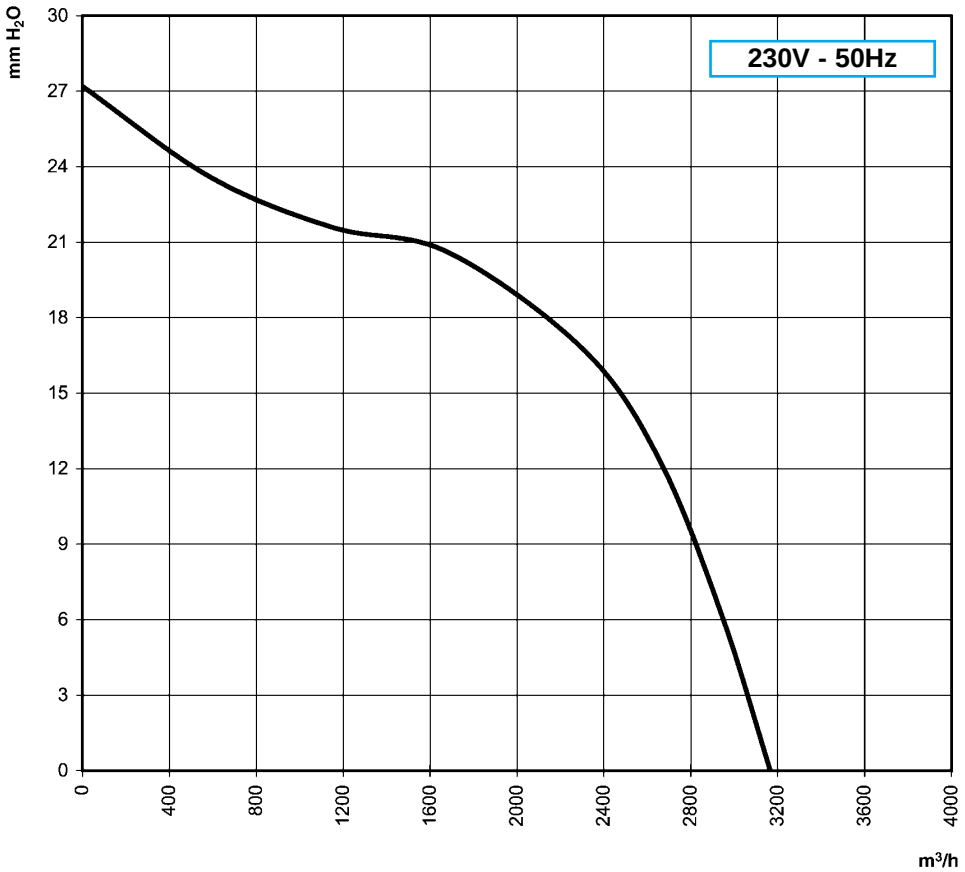


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
2,9 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

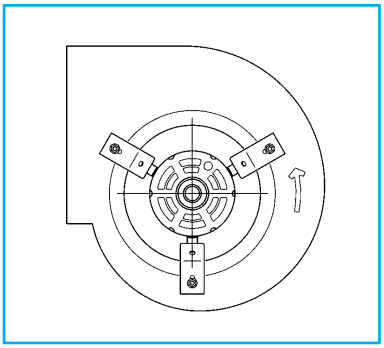


DDE 10/8 245-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD63N01

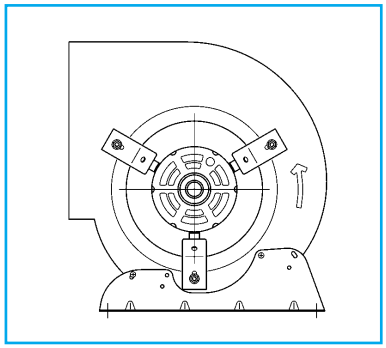
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD63N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD63P01

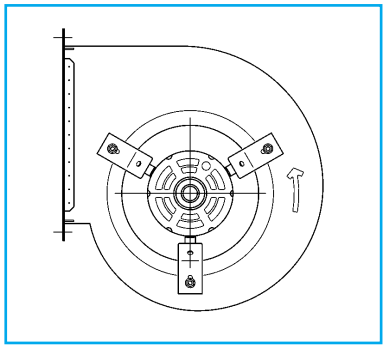
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD63P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD63F02

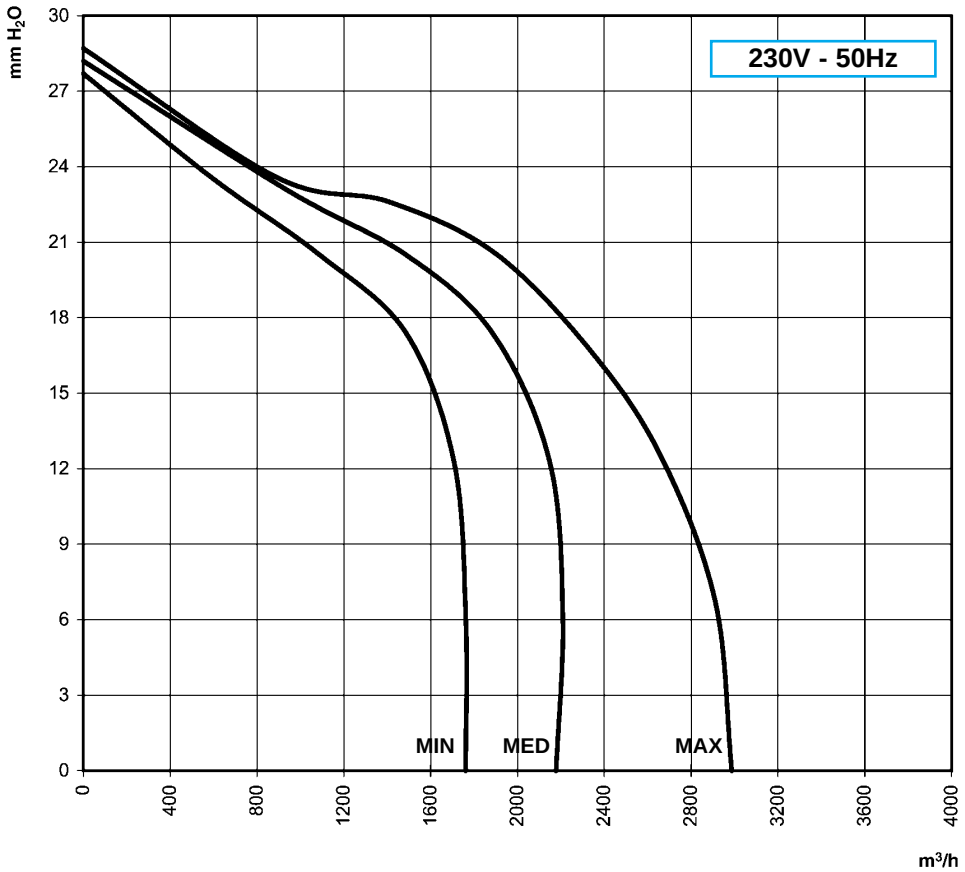


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
2,6 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

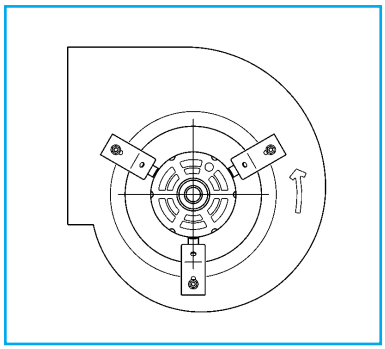


DDE 10/8 370-4-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD41N01

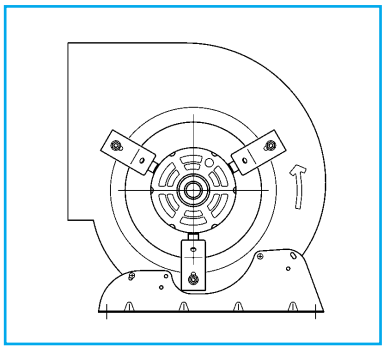
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD41N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD41P01

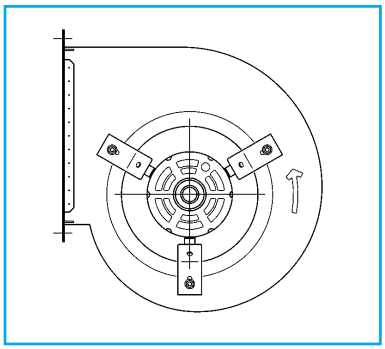
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD41P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD41F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD41F01

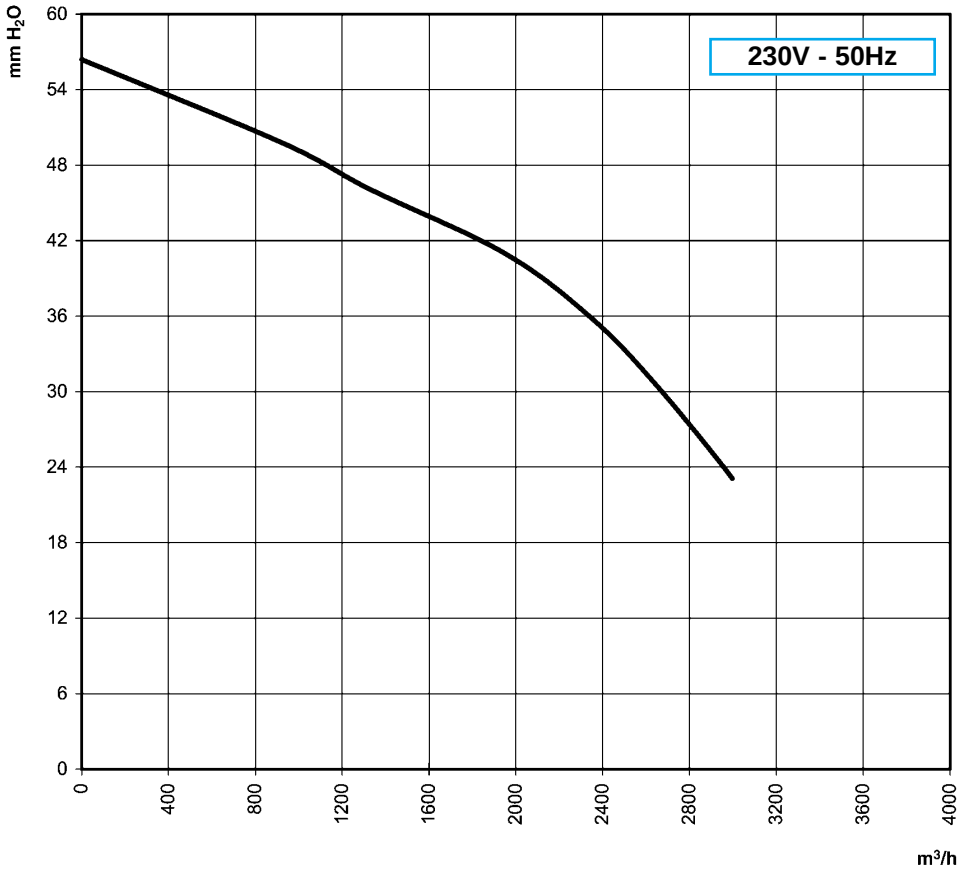


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
4,2 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
4

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
23 mm H_2O

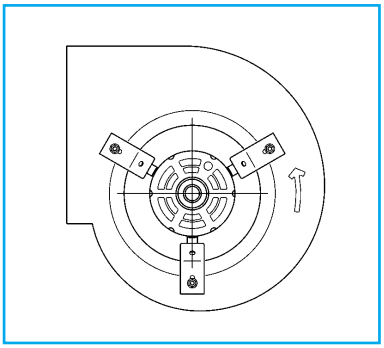


DDE 10/8 370-4-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD43N01

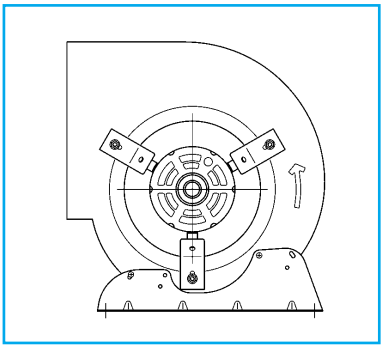
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD43N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD43P01

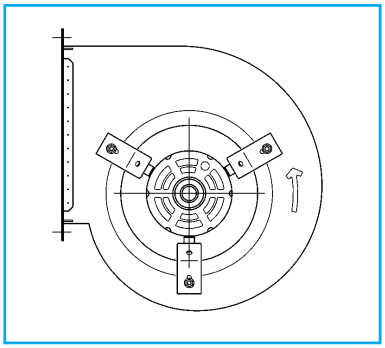
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD43P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD43F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD43F01

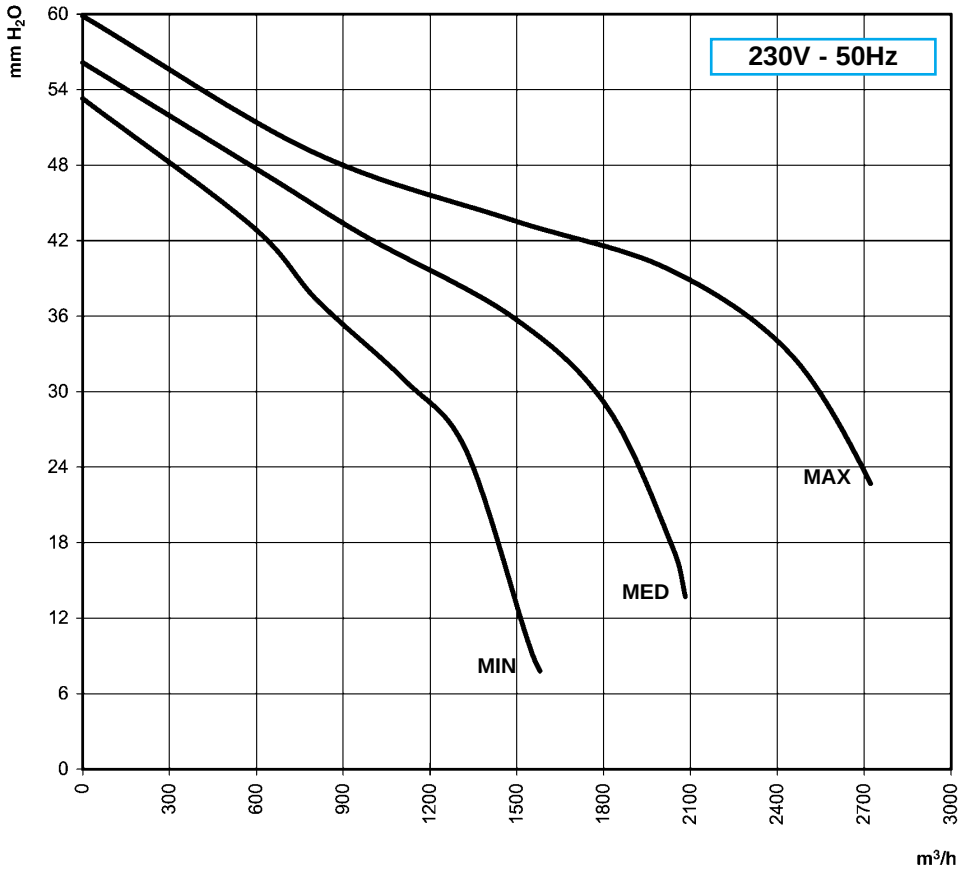


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
4,2 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
4

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
23 mm H_2O

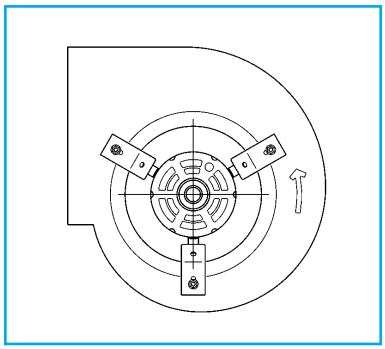


DDE 10/8 550-4-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD41N02

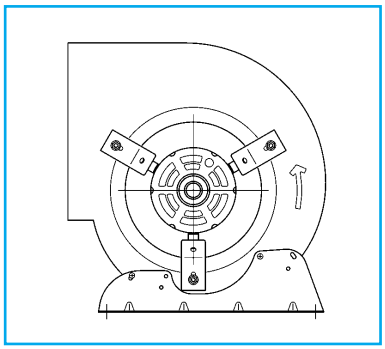
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD41N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD41P02

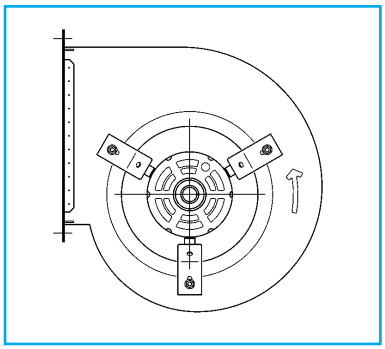
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD41P02



Con flangia di fissaggio
With fixng flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFD41F02

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFD41F02

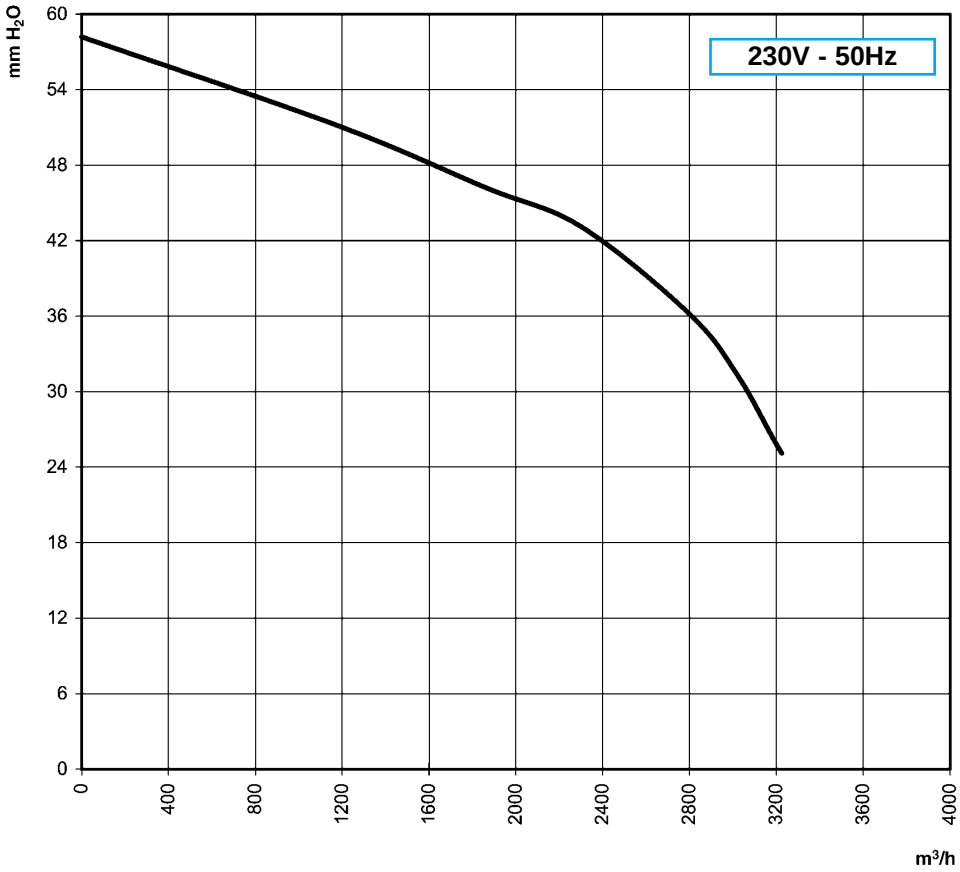


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
550 W

Corrente Max - Max. current
4,8 A
Condensatore - Capacitor
15 µF
Poli - Poles
4

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
25 mm H_2O

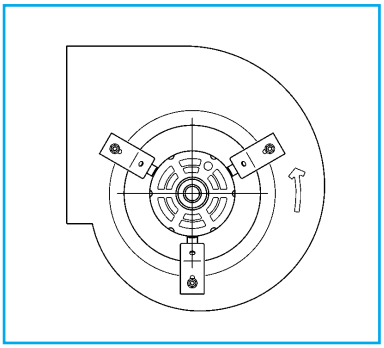


DDE 10/10 245-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE61N01

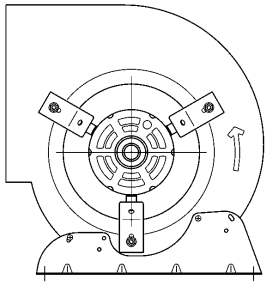
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE61N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE61P01

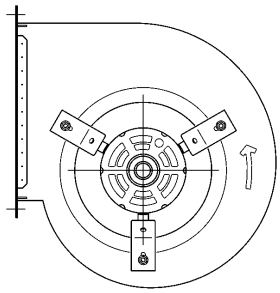
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE61P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE61F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE61F01



DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
3,8 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
6
Velocità - Speed
1

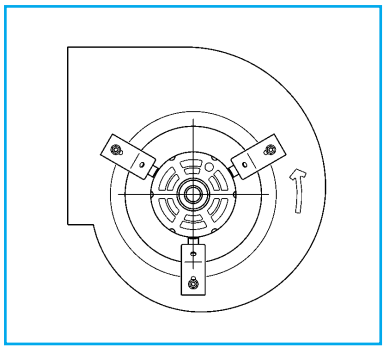
Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

DDE 10/10 245-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE63N01

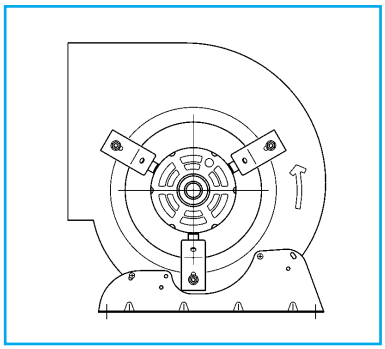
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE63N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE63P01

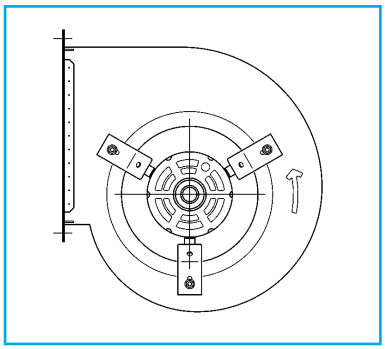
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE63P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE63F01

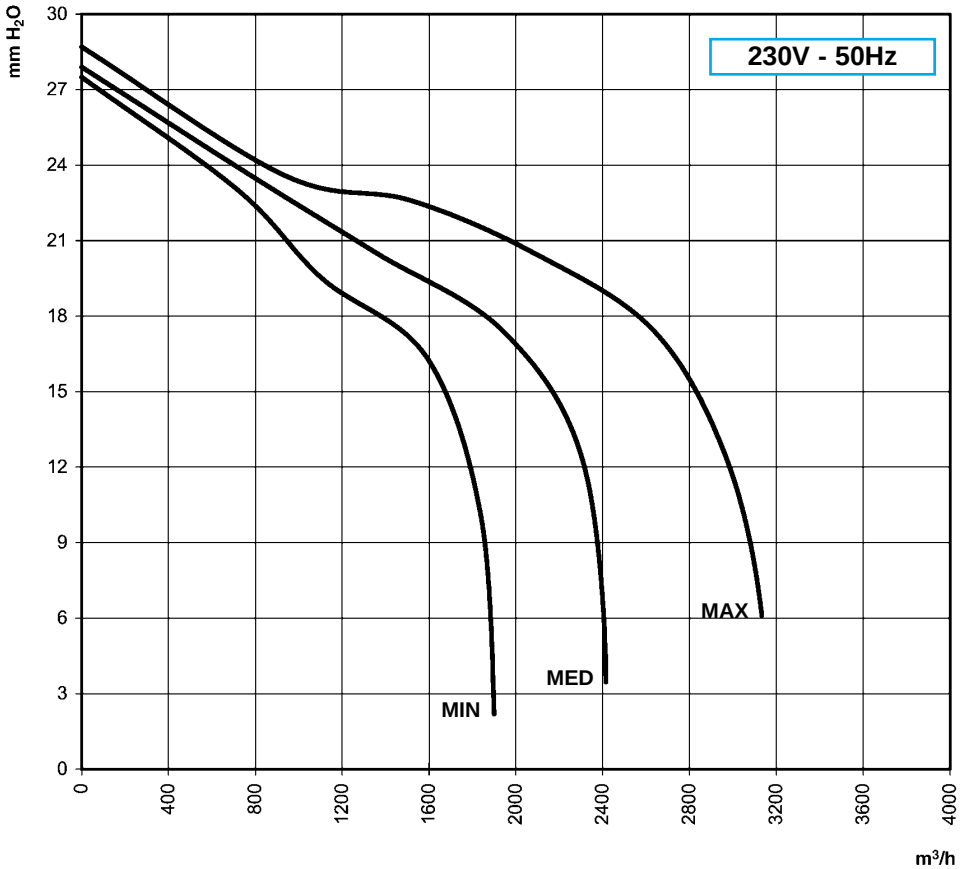


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
245 W

Corrente Max - Max. current
2,8 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
6 mm H_2O

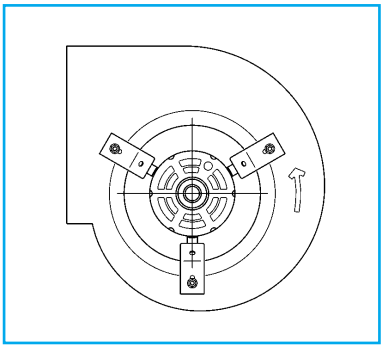


DDE 10/10 370-4-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE41N02

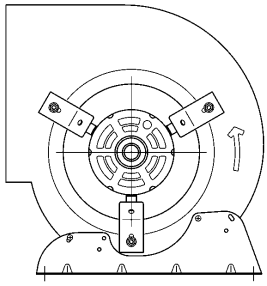
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE41N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE41P01

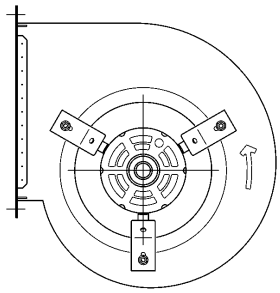
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE41P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE41F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE41F01

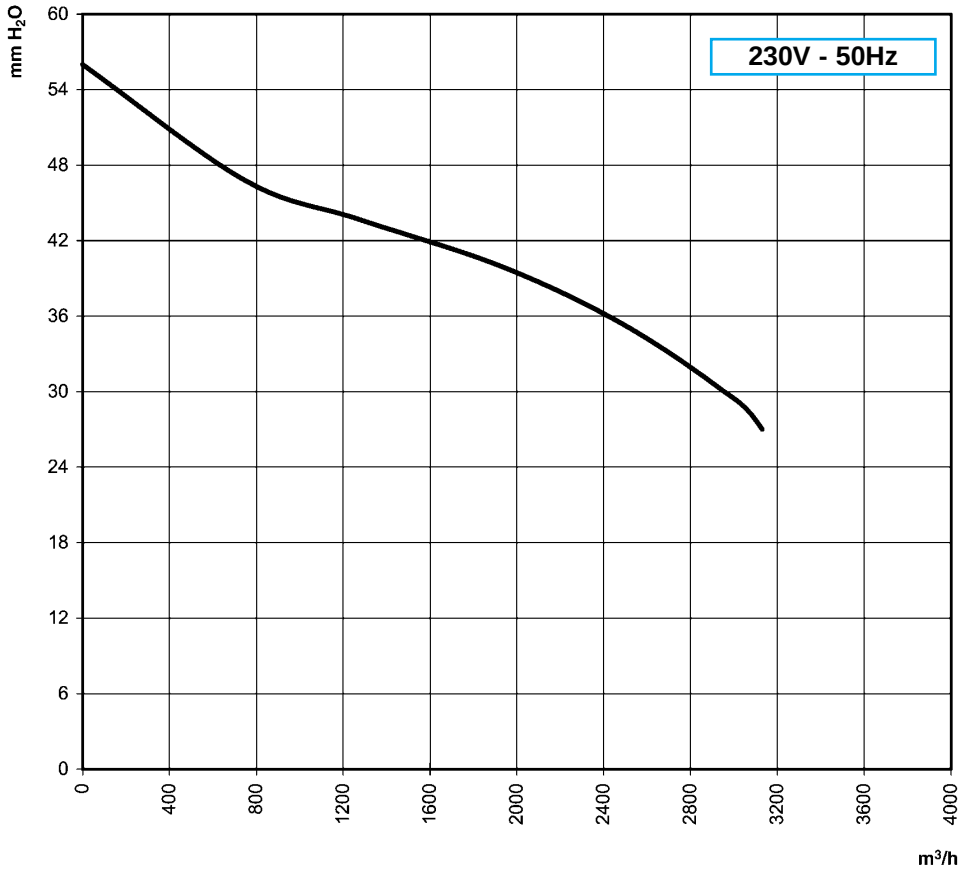


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
4,4 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
4

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
27 mm H_2O

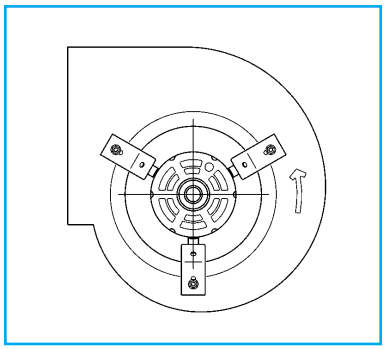


DDE 10/10 370-4-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE43N01

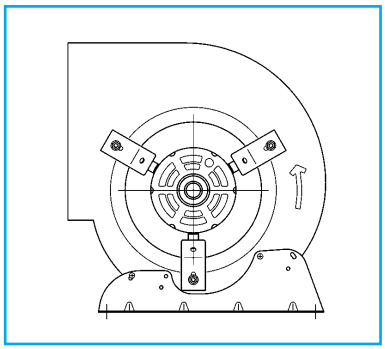
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE43N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE43P01

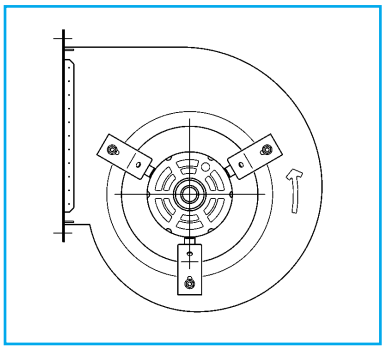
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE43P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE43F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE43F01

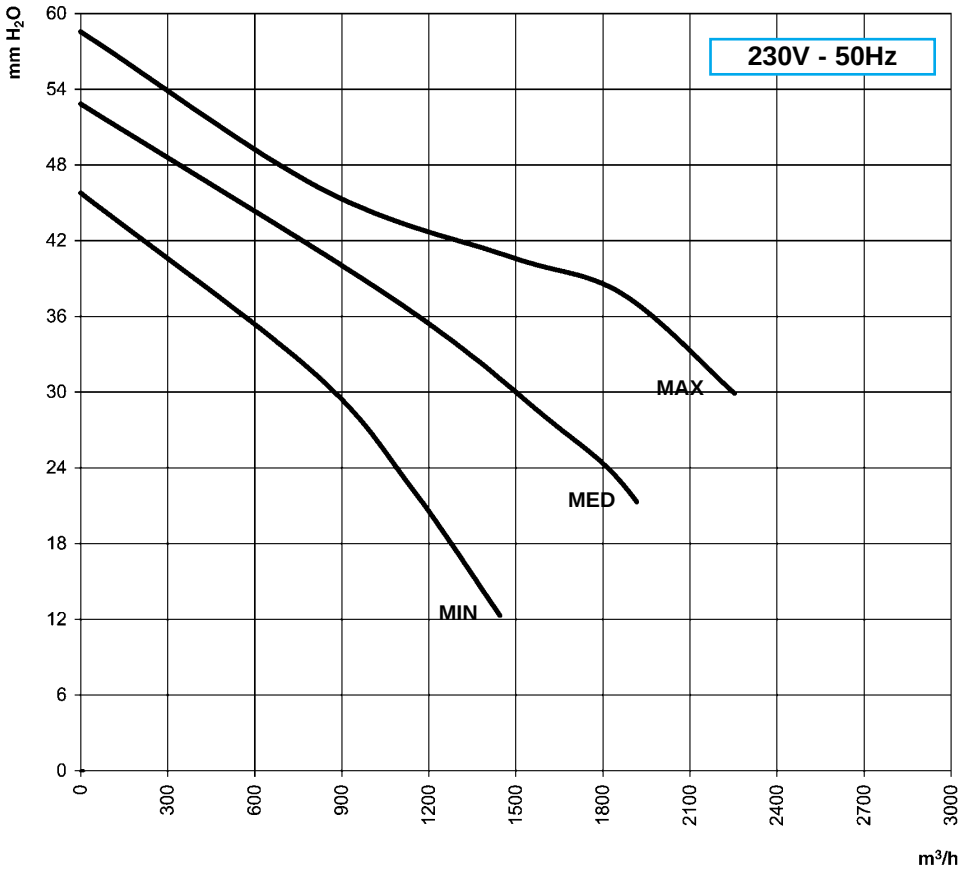


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
370 W

Corrente Max - Max. current
4,3 A
Condensatore - Capacitor
12,5 µF
Poli - Poles
4

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
30 mm H_2O

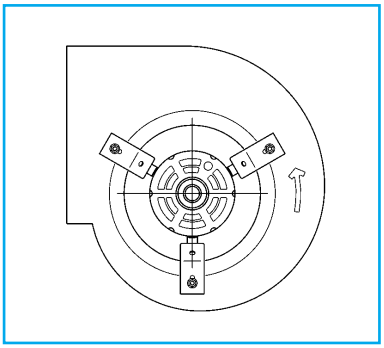


DDE 10/10 550-4-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE41N01

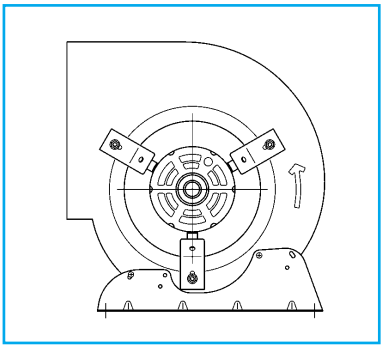
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE41N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE41P02

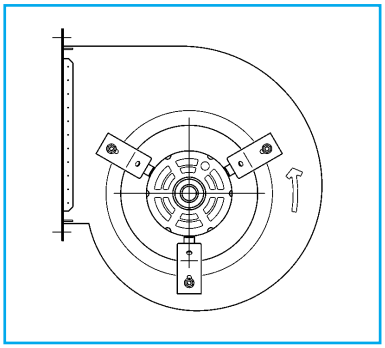
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE41P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDFE41F02

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEFE41F02

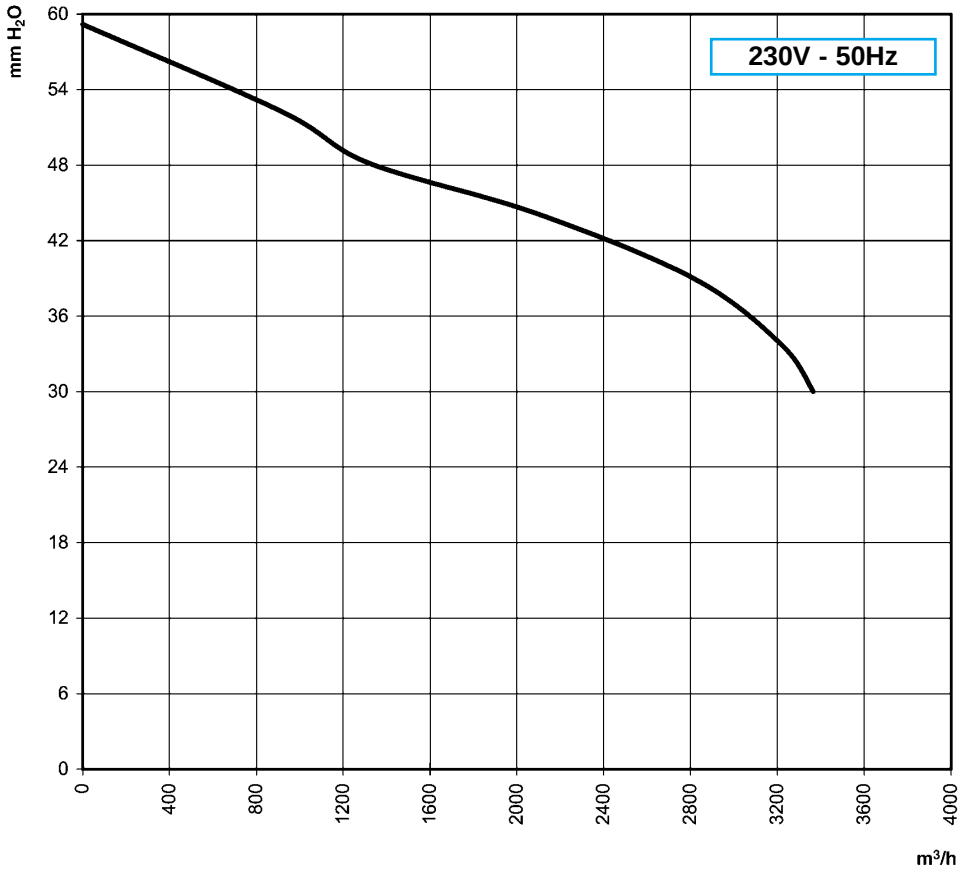


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
550 W

Corrente Max - Max. current
4,9 A
Condensatore - Capacitor
15 µF
Poli - Poles
4

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
30 mm H_2O

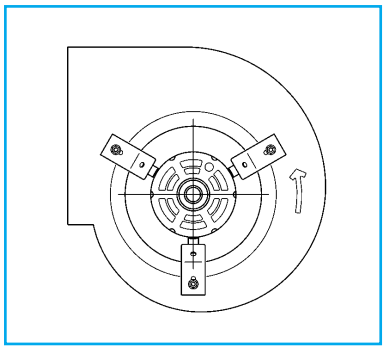


DDE 10/10 550-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHE63N01

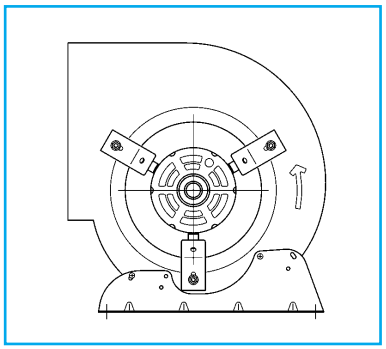
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHE63N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHE63P01

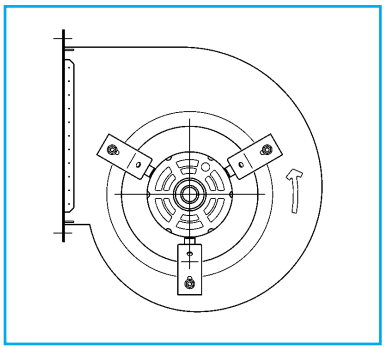
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHE63P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHE63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHE63F01

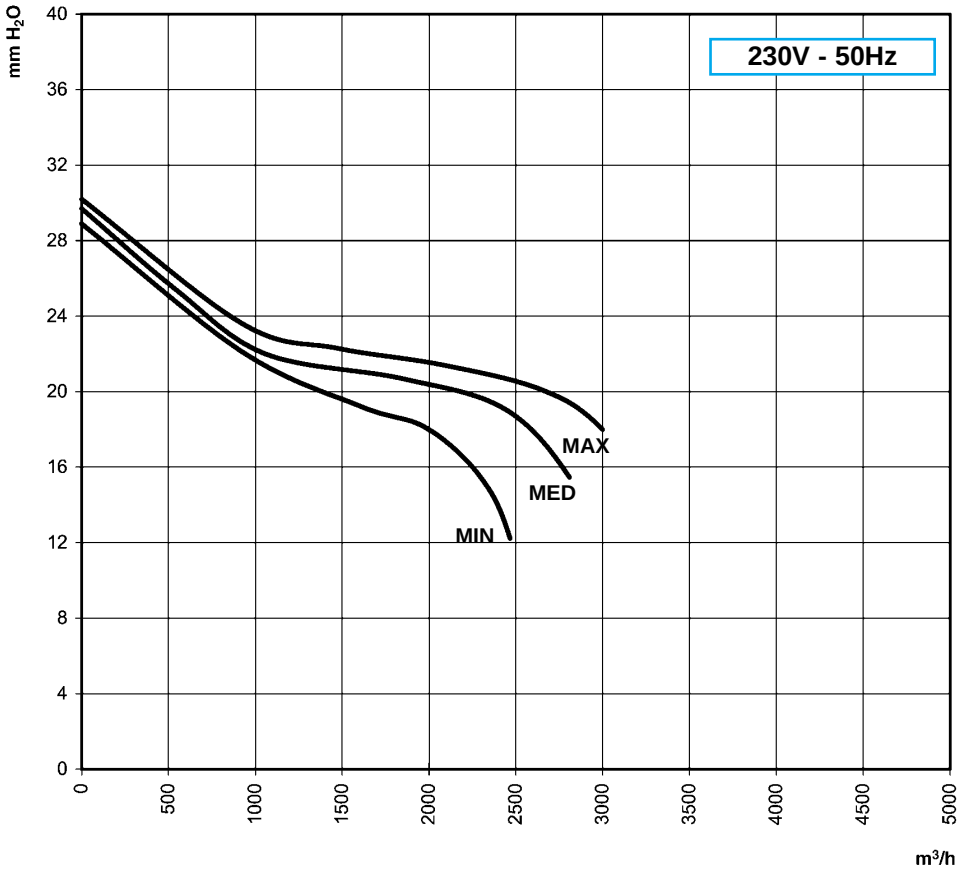


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
520 W

Corrente Max - Max. current
4 A
Condensatore - Capacitor
15 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
18 mm H_2O

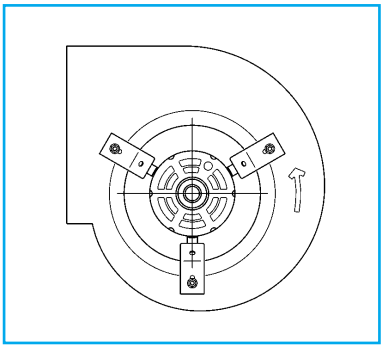


DDE 12/9 550-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF63N01

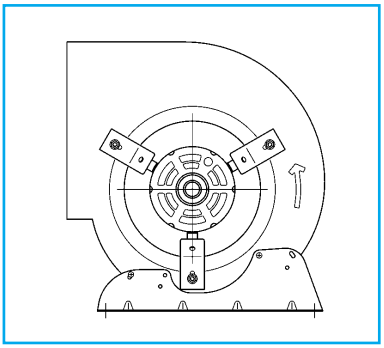
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF63N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF63P01

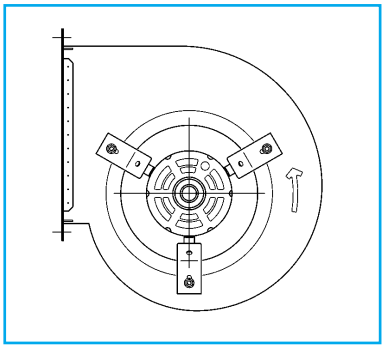
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF63P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF63F01

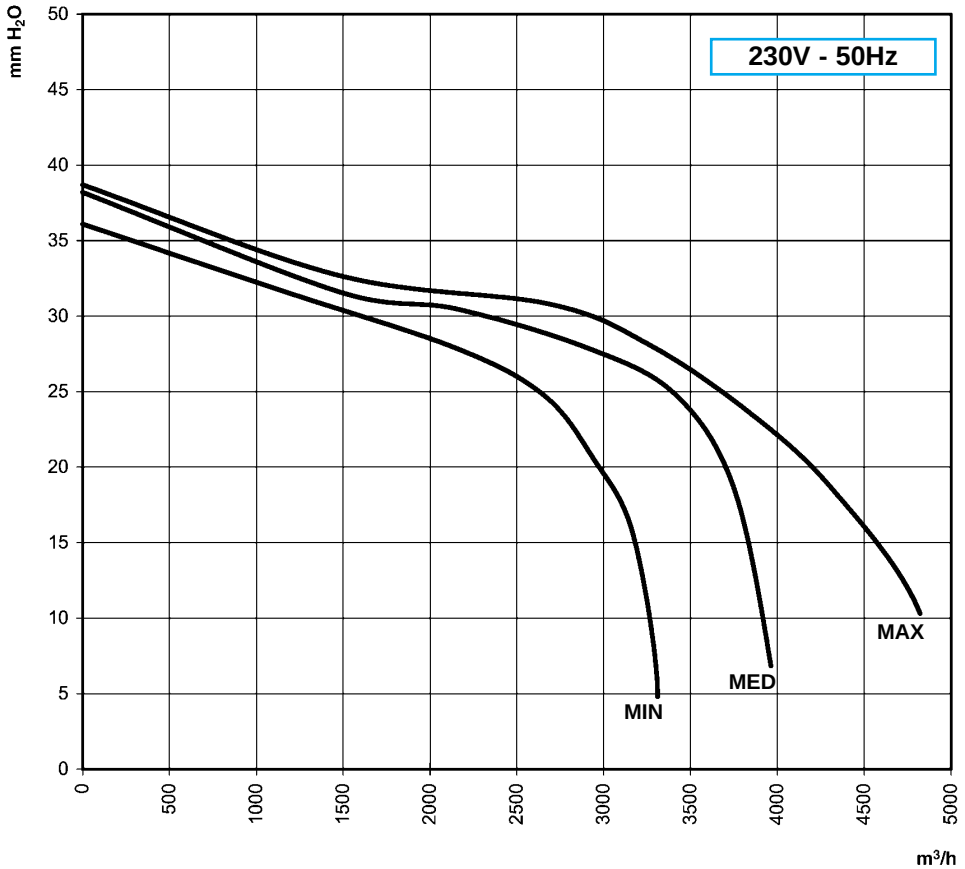


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
550 W

Corrente Max - Max. current
5,3 A
Condensatore - Capacitor
20 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
10 mm H_2O

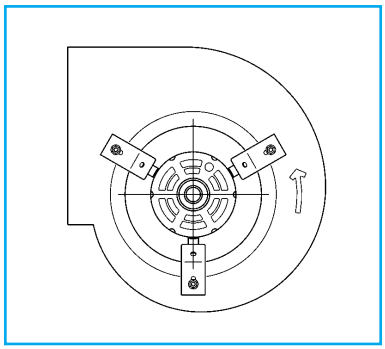


DDE 12/9 735-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF61N03

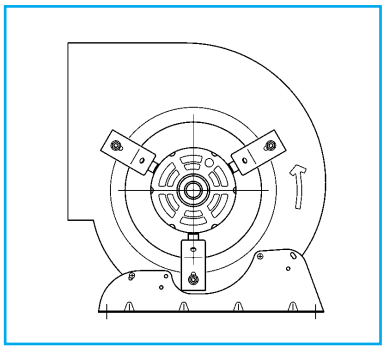
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF61N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF61P03

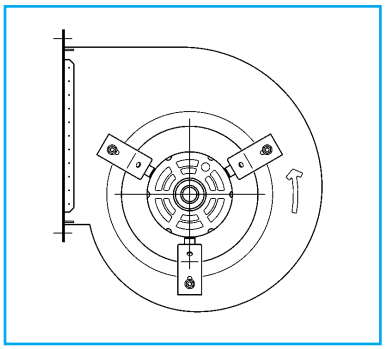
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF61P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF61F03

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF61F02

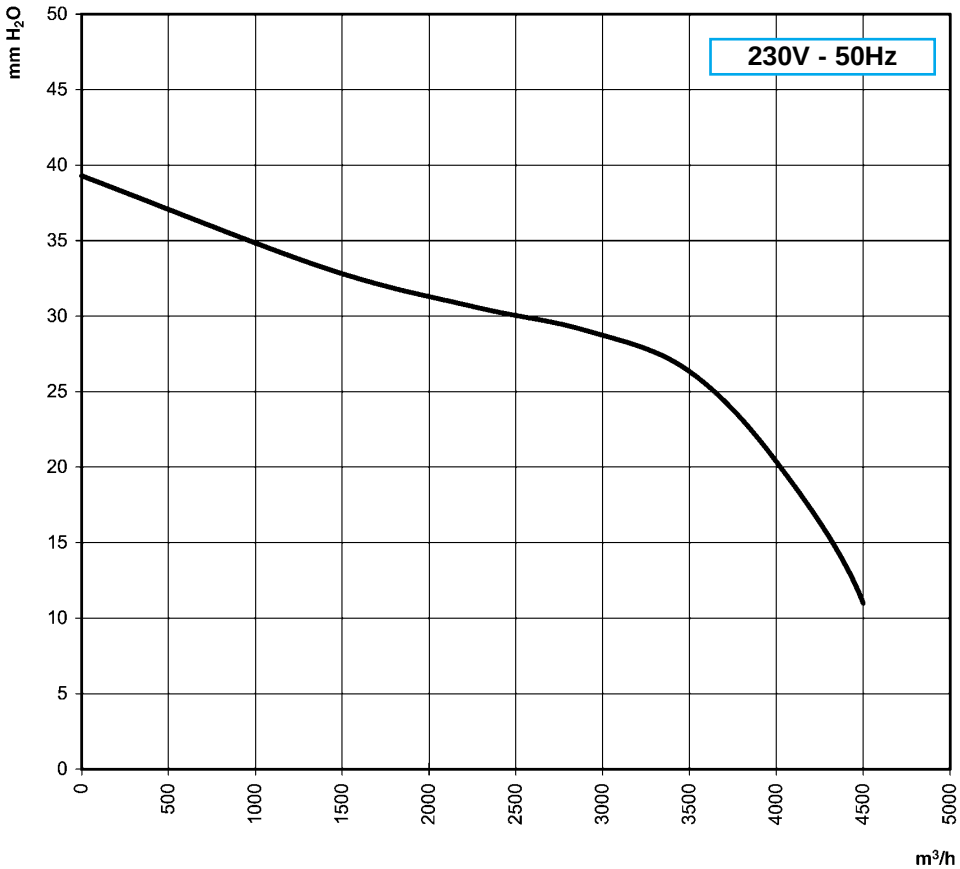


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
630 W

Corrente Max - Max. current
5 A
Condensatore - Capacitor
20 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
11 mm H_2O

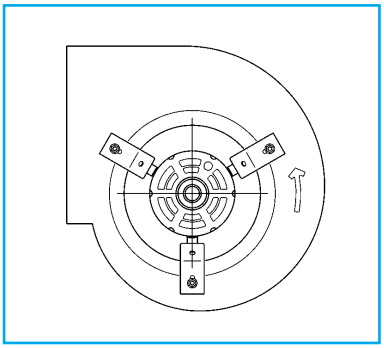


DDE 12/9 1100-6-1V-S-T

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF61N02

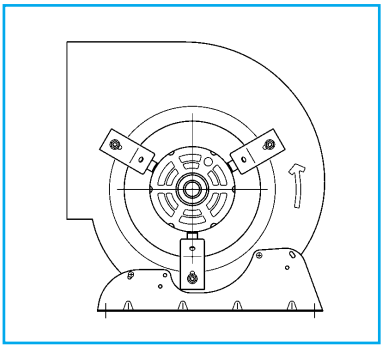
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF61N03



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF61P02

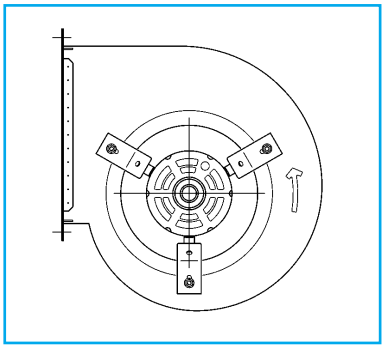
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF61P03



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHF61F02

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHF61F03

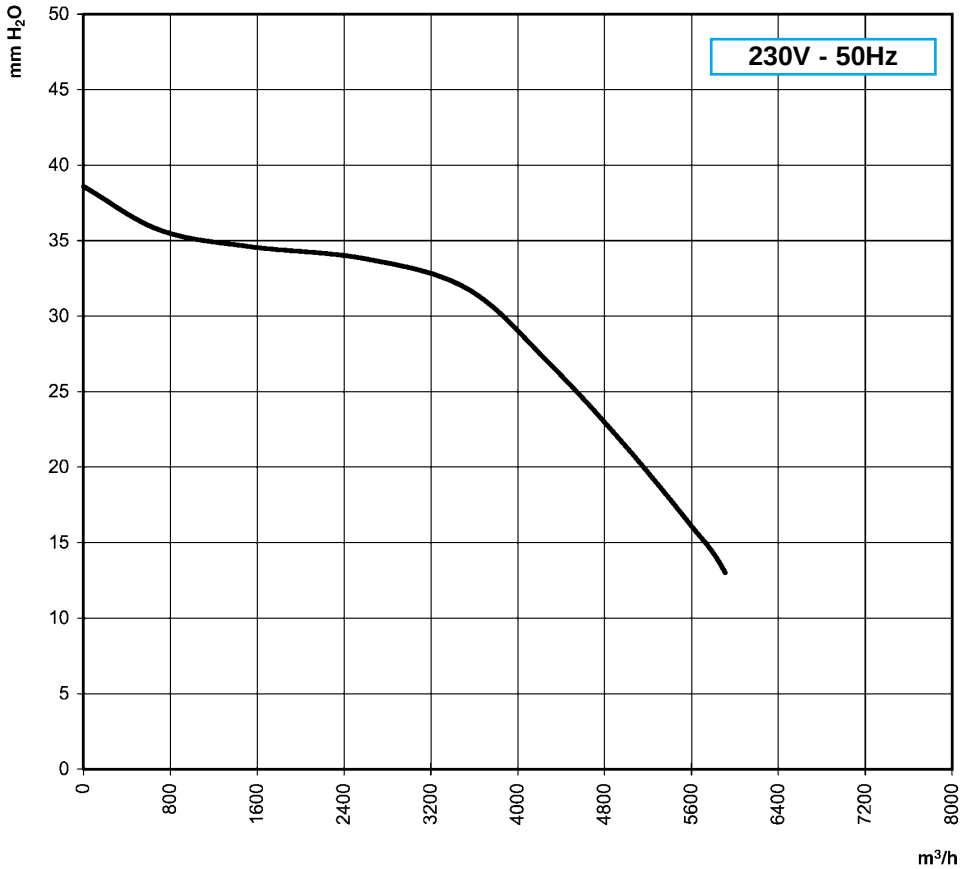


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/400 V ~ 3 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
1100 W

Corrente Max - Max. current
6 / 3,5 A
Condensatore - Capacitor
/
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
Si - Yes
Contropressione minima richiesta
Minimum required pressure drop
13 mm H_2O

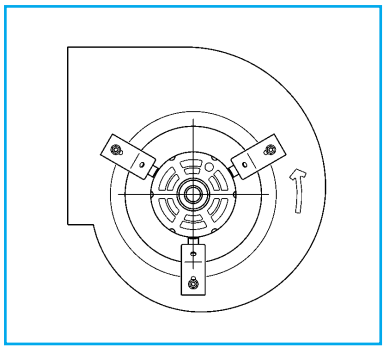


DDE 12/12 550-6-3V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG63N01

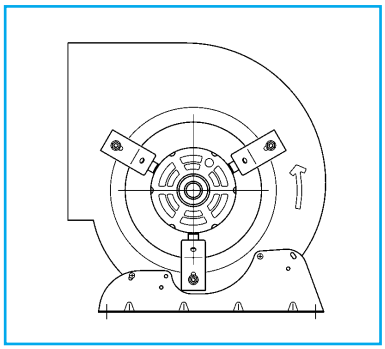
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG63N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG63P01

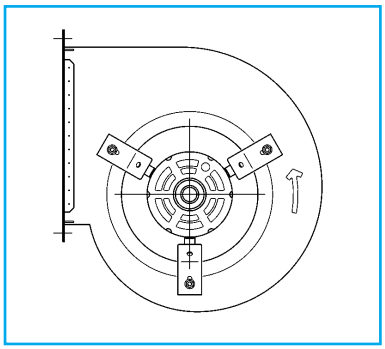
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG63P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG63F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG63F01

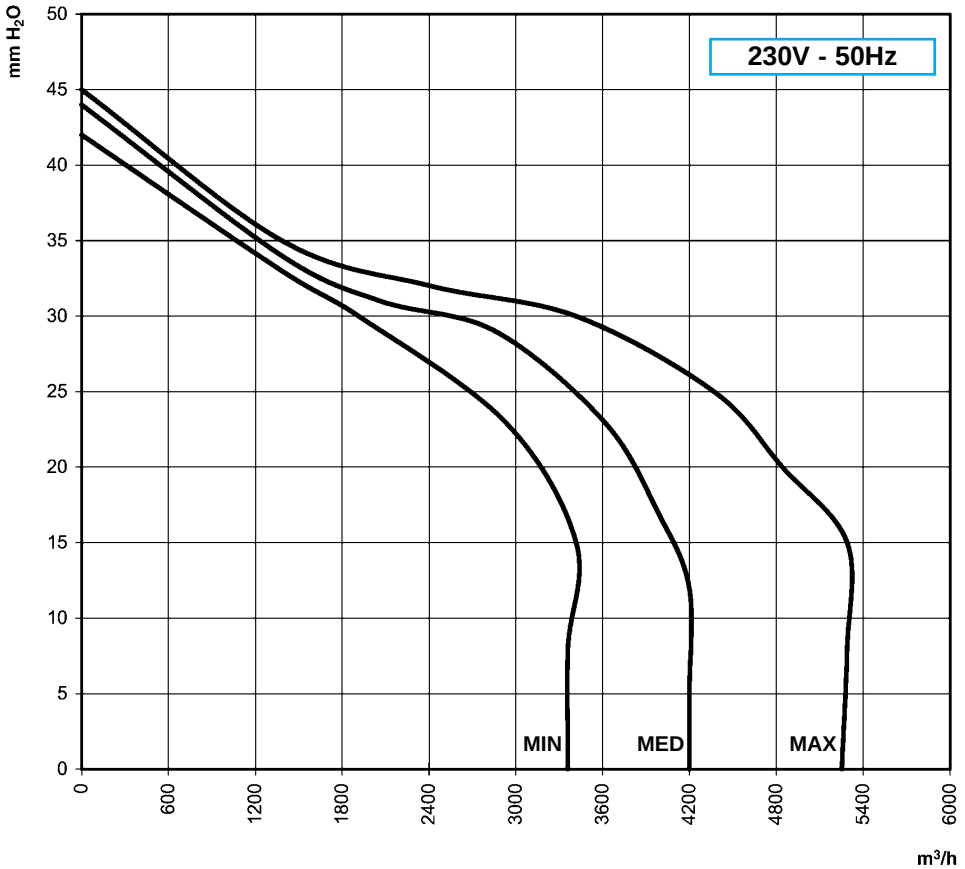


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50 Hz
Potenza motore - Motor power
550 W

Corrente Max - Max. current
5,5 A
Condensatore - Capacitor
20 µF
Poli - Poles
6

Velocità - Speed
3
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

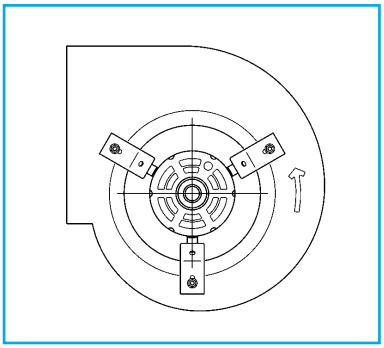


DDE 12/12 735-6-1V-S-M

Senza accessori
Without accessories

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG61N01

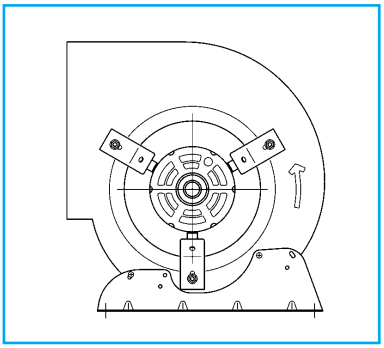
Motore chiuso IP54 - Codice
Closed motor IP54 part number
DEHG61N01



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG61P02

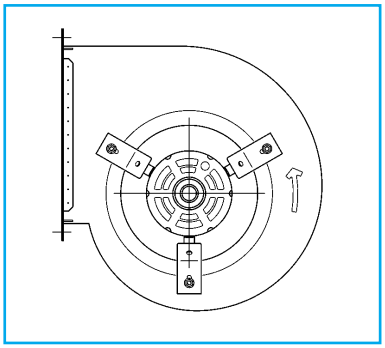
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG61P01



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG61F01

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG61F01

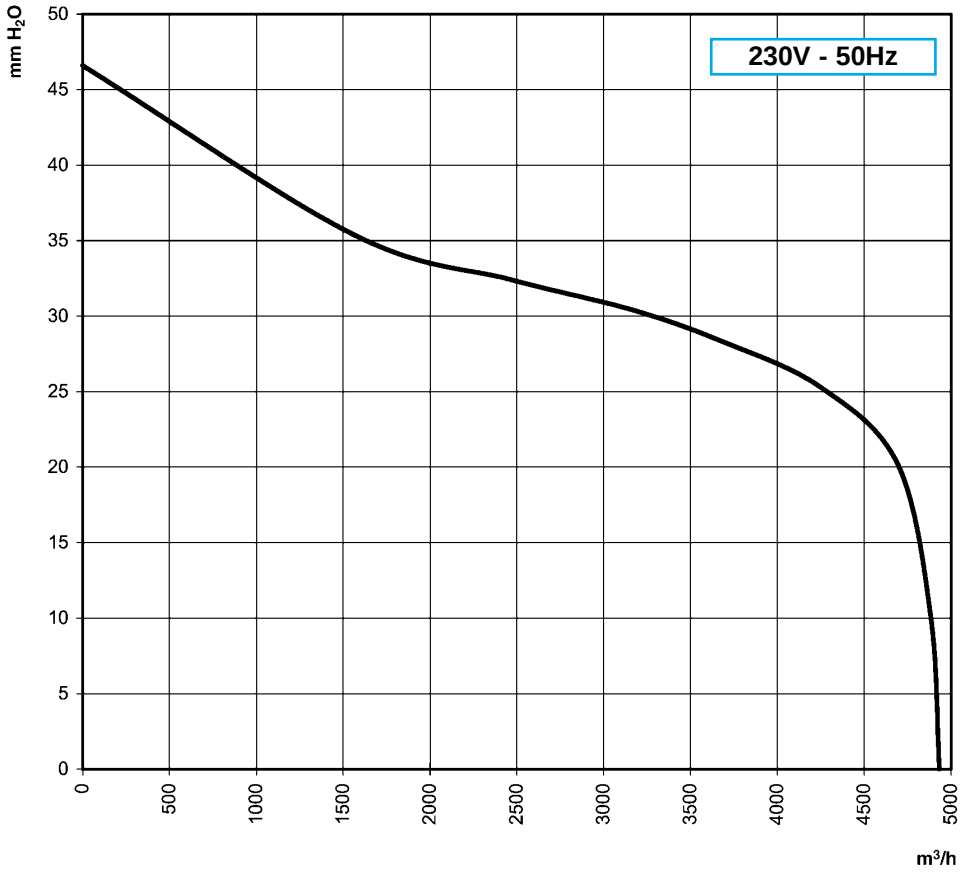


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/240 V ~ 1 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
630 W

Corrente Max - Max. current
5,1 A
Condensatore - Capacitor
20 µF
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
0 mm H_2O

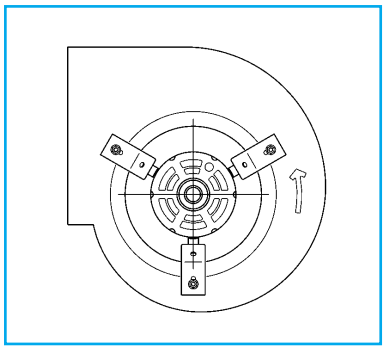


DDE 12/12 1100-6-1V-S-T

Senza accessori
Without accessorie

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG61N02

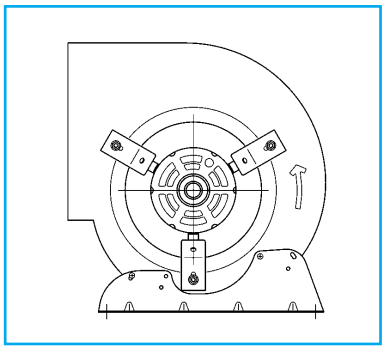
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG61N02



Con piedini di appoggio
With support feet

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG61P01

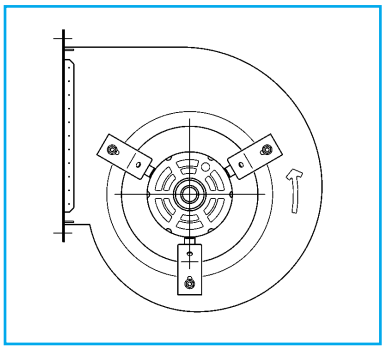
Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG61P02



Con flangia di fissaggio
With fixing flange

Motore aperto IP20 - Codice
Open motor IP20 - Part number
DDHG61F02

Motore chiuso IP54 - Codice
Closed motor IP54 - Part number
DEHG61F02

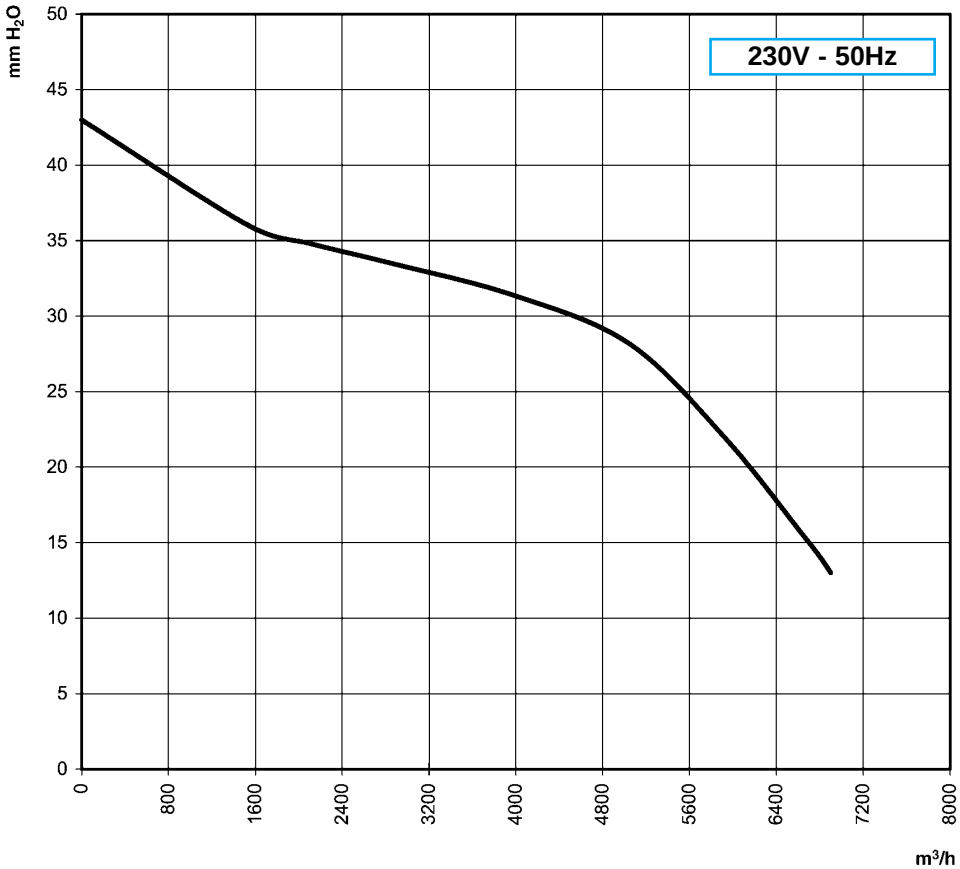


DATI TECNICI
TECHNICAL DATA

Tensione - Voltage
230/400 V ~ 3 PH
Frequenza - Cycles
50/60 Hz
Potenza motore - Motor power
1100 W

Corrente Max - Max. current
6,2 / 3,6 A
Condensatore - Capacitor
/
Poli - Poles
6

Velocità - Speed
1
Regolazione - Speed control
/
Contropressione minima richiesta
Minimum required pressure drop
13 mm H_2O



IMBALLI STANDARD
STANDARD PACKING

BOX

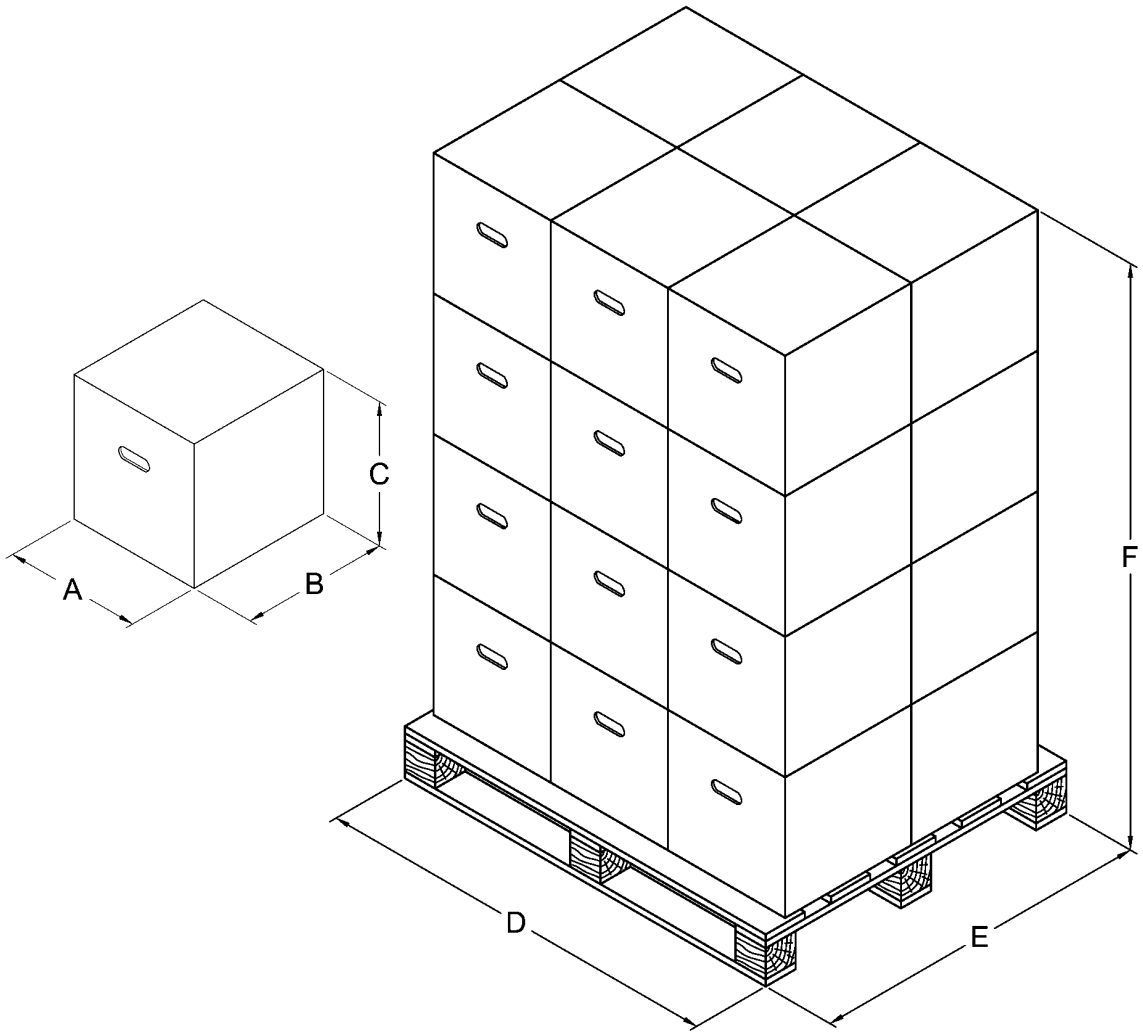
Tipo/Type	Dimensioni/Dimensions			Kg*
	A	B	C	
7/7	310	360	335	8
9/7 (a)	390	420	405	16
9/7 (b)	390	420	335	16
9/9	390	420	405	18
10/8	435	475	370	20
10/10	435	475	435	24
12/9	500	560	415	28
12/12	500	560	500	32

BOX + PALLET

Dimensioni/Dimensions			Scatole per piano Boxes per level	Max. n. scatole Max. of boxes
D	E	F max		
1200	1000	1490	9	36
1200	1000	1365	6	18
1200	1000	1490	6	24
1200	1000	1365	6	18
1200	1000	1630	4	16
1200	1000	1455	4	12
1200	1000	1395	4	12
1200	1000	1650	4	12

(a) Con motore chiuso / With closed motor
(b) Con motore aperto / With open motor

*Peso indicativo per scatola. Varia a seconda del tipo di motore e degli accessori.
*Average box weight. May vary according to motor type and accessories.



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