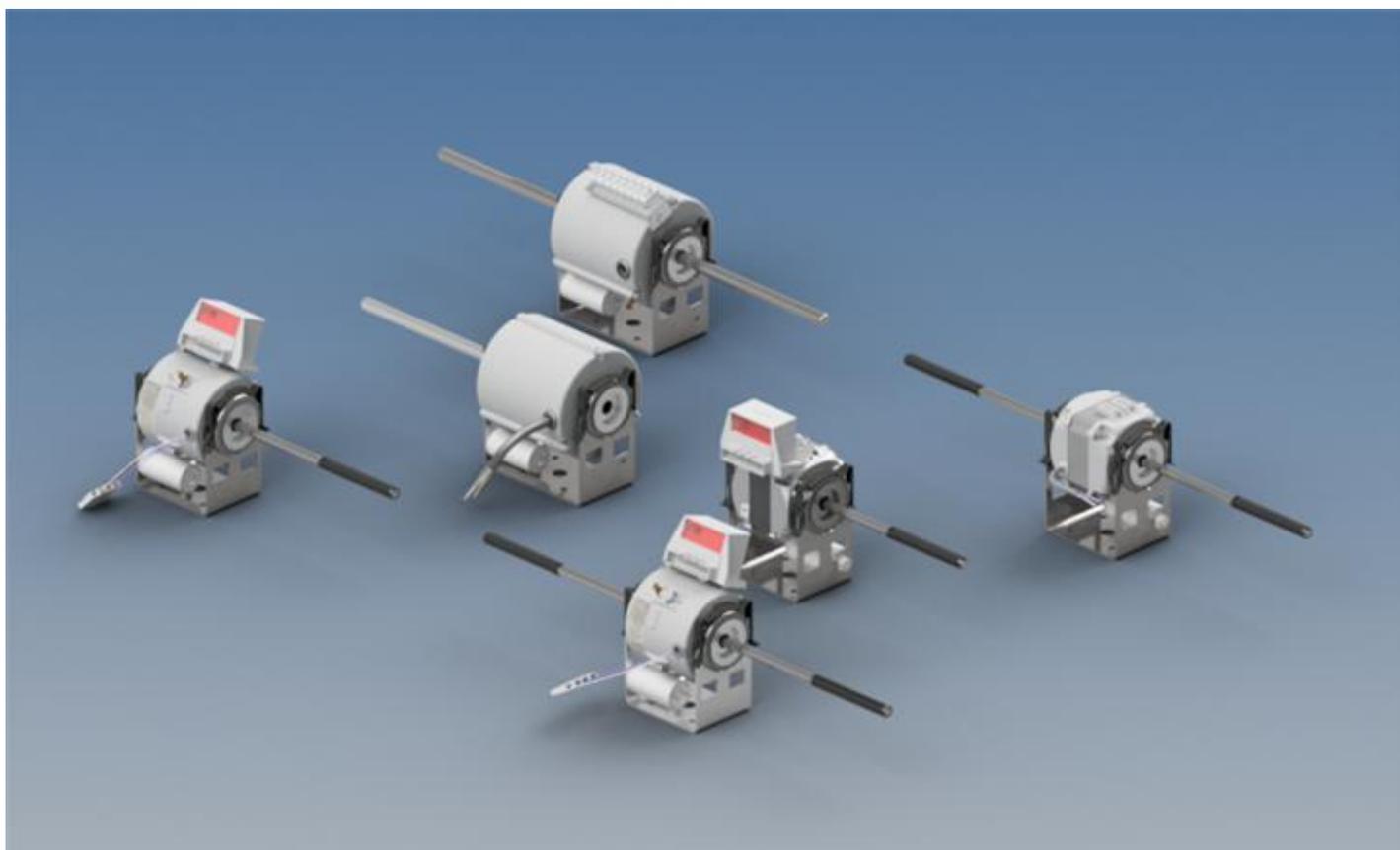


www.fanmotorsitalia.com



Serie LA, GA, BA Motori per Fan-coil

Sono motori asincroni monofase 4 poli con condensatore permanente inserito (PSC). Le potenze rese vanno da 15W a 147W con tensione di alimentazione 230V - 50/60Hz.

I motori sono realizzati in versione IP42, sia a singola che a doppia sporgenza d'albero, con classe di isolamento B e protezione termica.

Gli avvolgimenti possono essere mono o plurivelocità in cava.

Applicazione: unità ventilanti per fan-coil

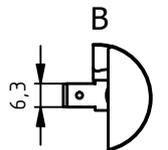
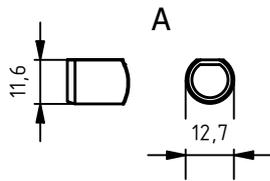
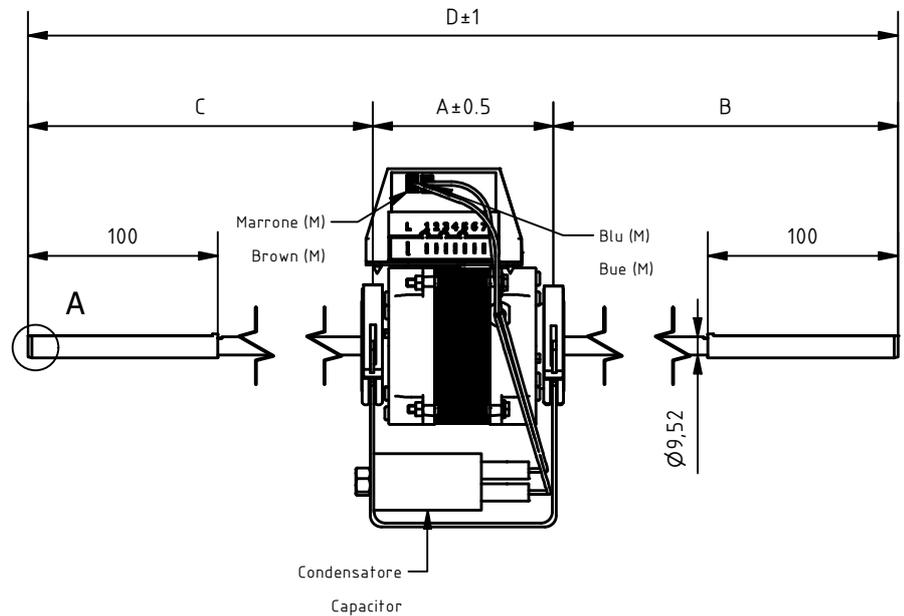
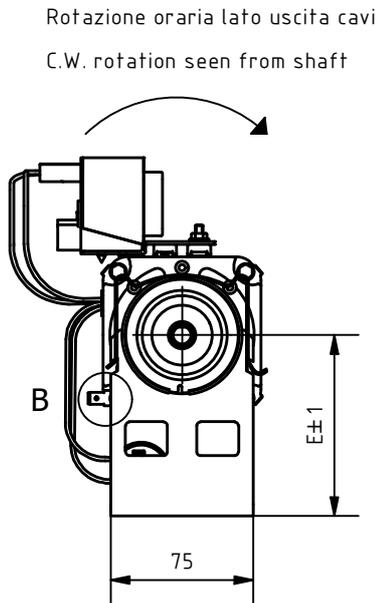
LA, GA, BA series Fan-coil motors

Closed construction (IP42), 4 pole single phase PSC motors having output power from 15W to 147W, AC 230V - 50/60Hz, with thermal protection and class B insulation.

Single or double shaft construction and single or multispeed windings are available.

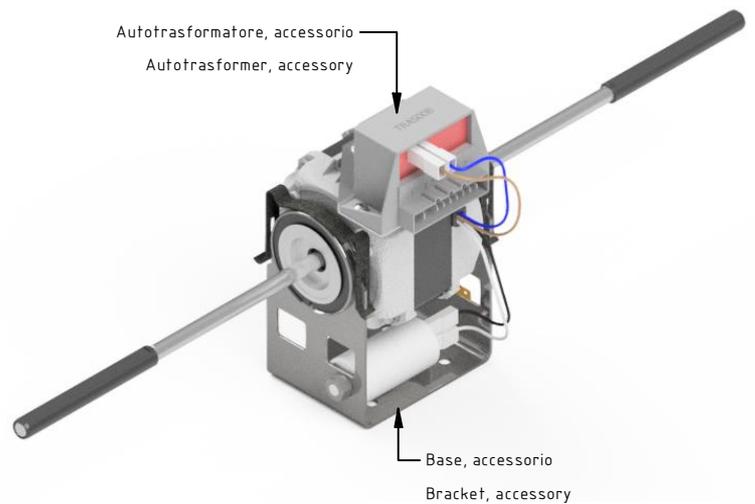
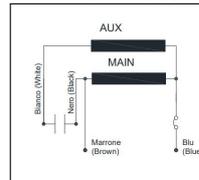
Application: fan deck units for fan coil.

MOTORI PER FAN-COIL BIALBERO PLURIVELOCITA'
FAN-COIL MOTORS DOUBLE SHAFT MULTI-SPEED WINDING



Connessione P.T.
Ground connection

Schema di collegamento - Wiring diagram



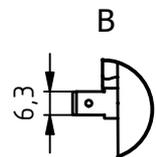
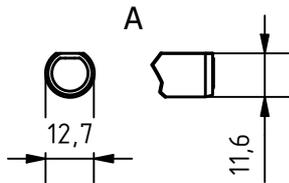
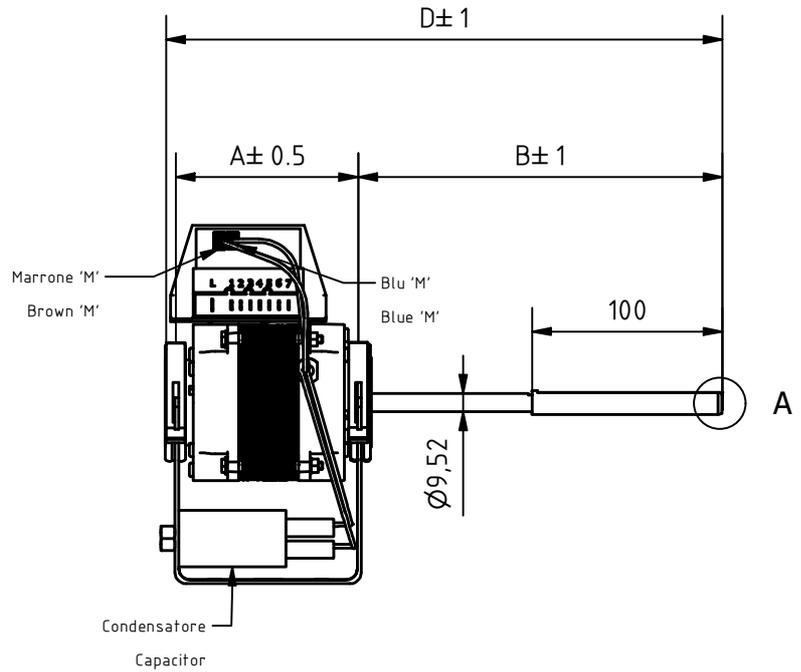
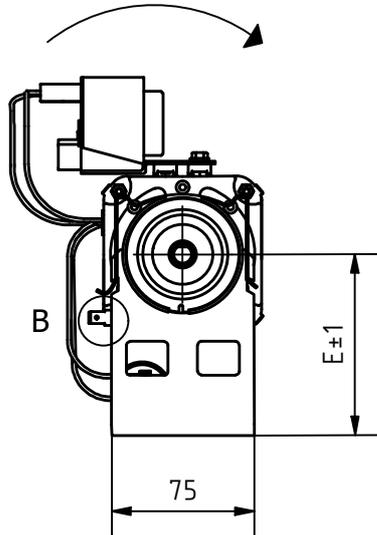
Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (uF)	Dimensioni - Dimensions				
								A	B	C	D	E
LA34000(A or B)	20	220-240	50/60	15	60	0,26	2 / 1,5	86	232	232	550	A=96 B=89
LA35000(A or B)	25	220-240	50/60	25	80	0,36	2,5 / 2	91	229,5	229,5	550	A=96 B=89
LA36000(A or B)	30	220-240	50/60	35	100	0,45	3,15 / 2,5	96	227	227	550	A=96 B=89
LA37000(A or B)	40	220-240	50/60	45	120	0,52	3,15	106	222	222	550	A=96 B=89
LA38000(A or B)	45	220-240	50/60	55	135	0,6	4 / 3,15	111	219,5	219,5	550	A=96 B=89

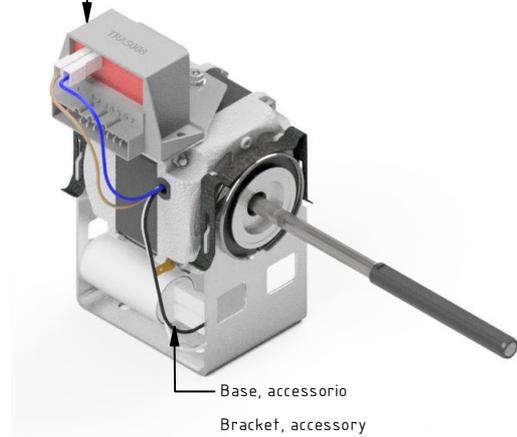
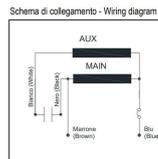
MOTORI PER FAN-COIL MONOALBERO PLURIVELOCITA'
FAN-COIL MOTORS SINGLE SHAFT MULTI SPEED WINDING

Rotazione oraria lato uscita cavo
C.W. rotation seen from cable



Connessione P.T.
Ground connection

Autotrasformatore, accessorio
Autotransformer, accessory

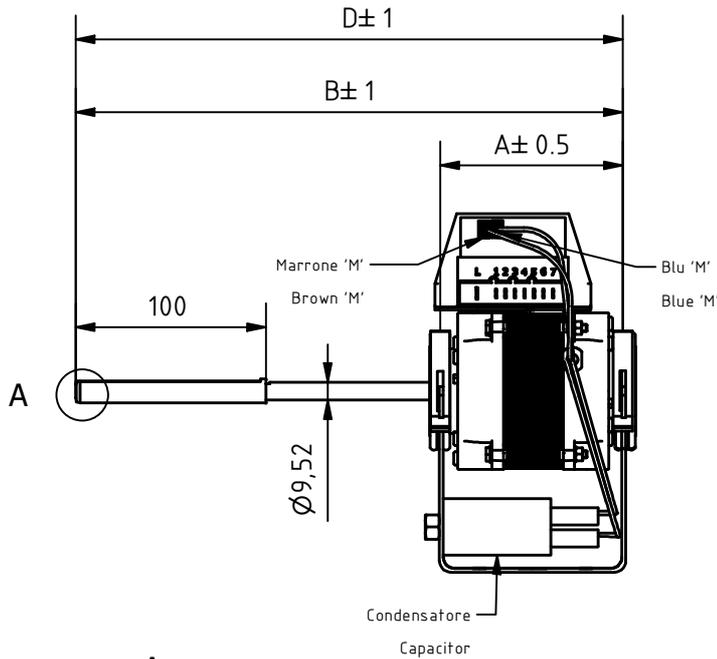


Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

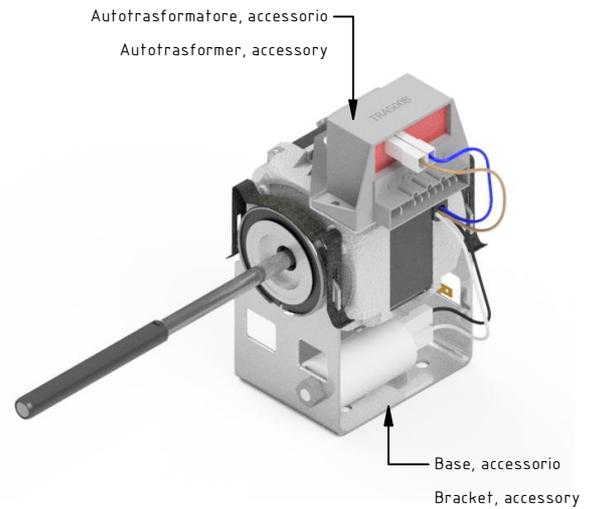
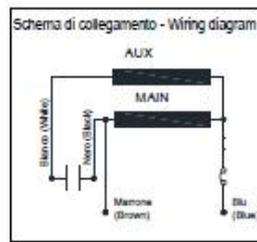
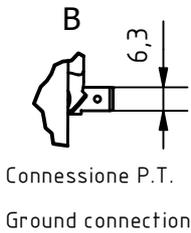
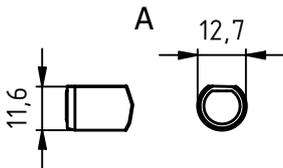
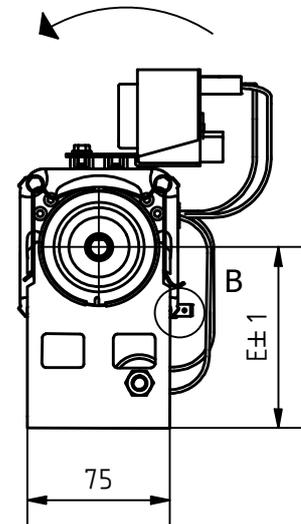
Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (uF)	Dimensioni - Dimensions			
								A	B	D	E
LA34001(A or B)	20	220-240	50/60	15	60	0,26	2 / 1,5	86	201	292	A=96 B=89
LA35001(A or B)	25	220-240	50/60	25	80	0,36	2,5 / 2	91	196	292	A=96 B=89
LA36001(A or B)	30	220-240	50/60	35	100	0,45	3,15 / 2,5	96	191	292	A=96 B=89
LA37001(A or B)	40	220-240	50/60	45	120	0,52	3,15	106	181	292	A=96 B=89
LA38001(A or B)	45	220-240	50/60	55	135	0,6	4 / 3,15	111	176	292	A=96 B=89

MOTORI PER FAN-COIL MONOALBERO PLURIVELOCITA'
FAN-COIL MOTORS SINGLE SHAFT MULTI SPEED WINDING



Rotazione antioraria lato uscita albero
C.C.W. rotation seen from shaft

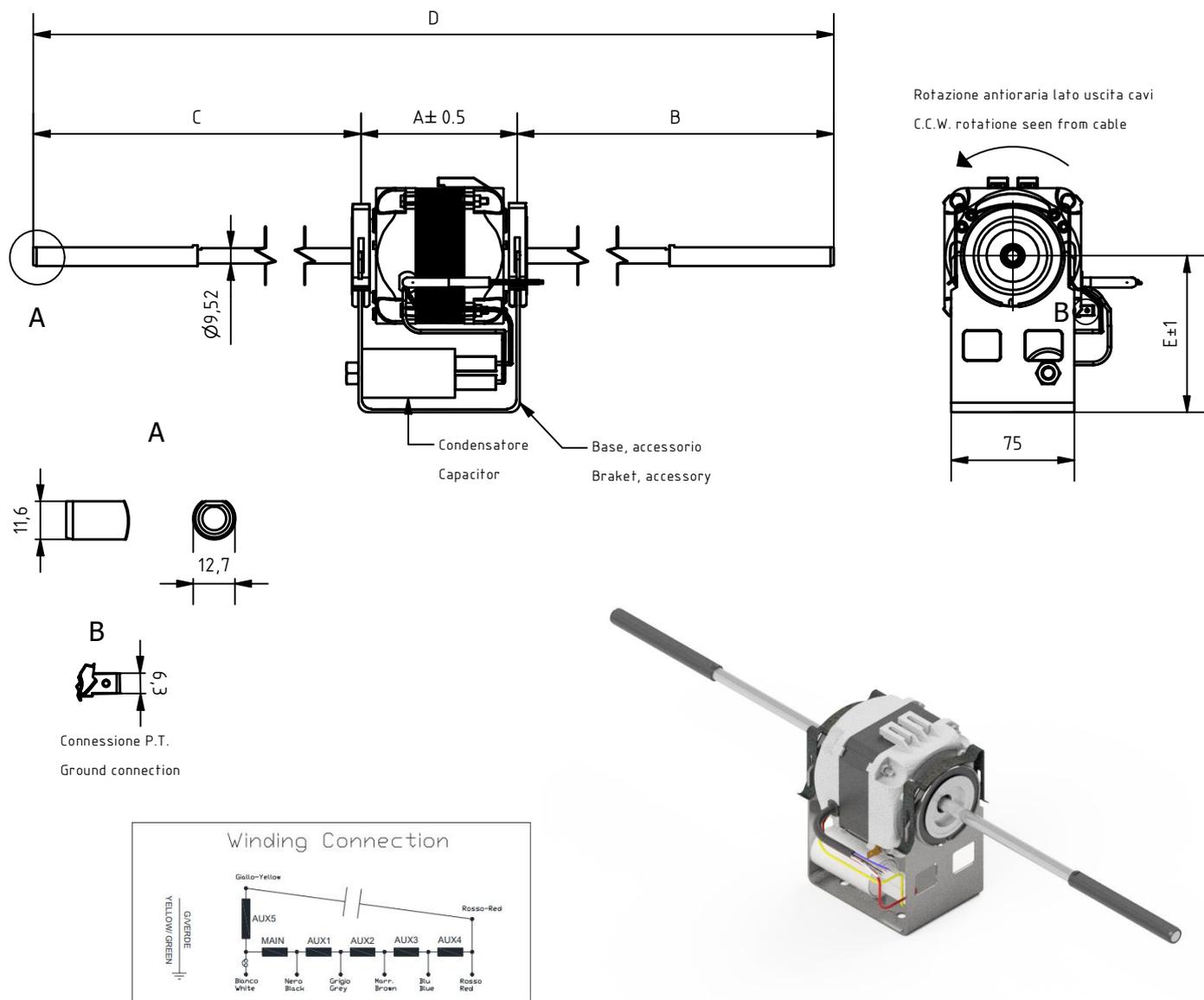


Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (uF)	Dimensioni - Dimensions			
								A	B	D	E
LA34002(A or B)	20	220-240	50/60	15	60	0,26	2 / 1,5	86	201	292	A=96 B=89
LA35002(A or B)	25	220-240	50/60	25	80	0,36	2,5 / 2	91	196	292	A=96 B=89
LA36002(A or B)	30	220-240	50/60	35	100	0,45	3,15 / 2,5	96	191	292	A=96 B=89
LA37002(A or B)	40	220-240	50/60	45	120	0,52	3,15	106	181	292	A=96 B=89
LA38002(A or B)	45	220-240	50/60	55	135	0,6	4 / 3,15	111	176	292	A=96 B=89

MOTORI PER FAN-COIL BIALBERO PLURIVELOCITA' FAN-COIL MOTORS DOUBLE SHAFT MULTI-SPEED WINDING



Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

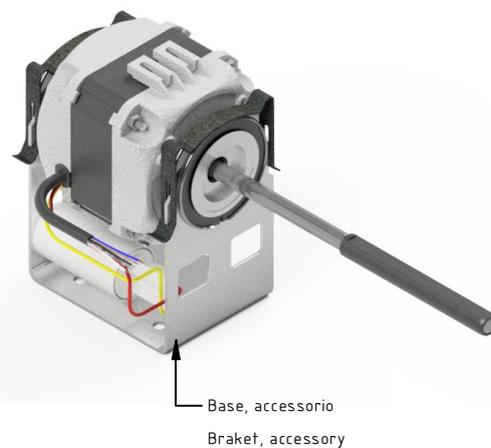
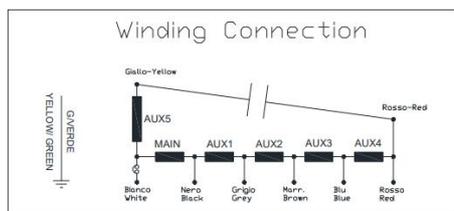
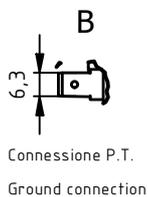
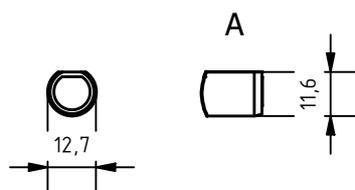
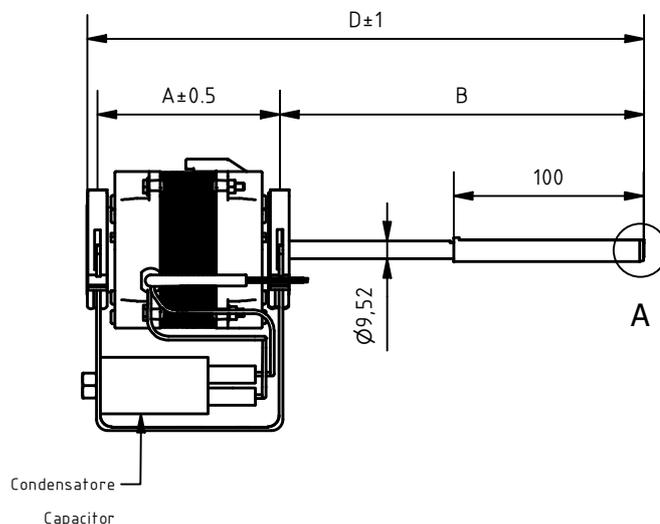
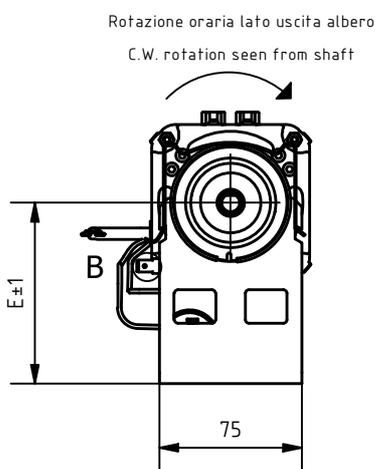
Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (uF)	Dimensioni - Dimensions				
								A	B	C	D	E
LA42000(A or B)	20	220-240	50/60	15	60	0,26	1,5	86	232	232	550	A=96 B=89
LA43000(A or B)	25	220-240	50/60	25	80	0,36	1,5	91	229,5	229,5	550	A=96 B=89
LA44000(A or B)	30	220-240	50/60	35	100	0,5	2	96	227	227	550	A=96 B=89
LA45000(A or B)	40	220-240	50/60	45	130	0,6	2,5	106	222	222	550	A=96 B=89
LA46000(A or B)	45	220-240	50/60	55	150	0,65	3,15	111	219,5	219,5	550	A=96 B=89

Poichè la nostra produzione viene costantemente migliorata, gli apparecchi potranno differire nei valori e nelle misure illustrate in questa pubblicazione, quindi misure e valori non sono impegnativi

Due to our constant production improvement, technical device data indicated could be modified

MOTORI PER FAN-COIL MONOALBERO PLURIVELOCITA' FAN-COIL MOTORS SINGLE SHAFT MULTI-SPEED WINDING

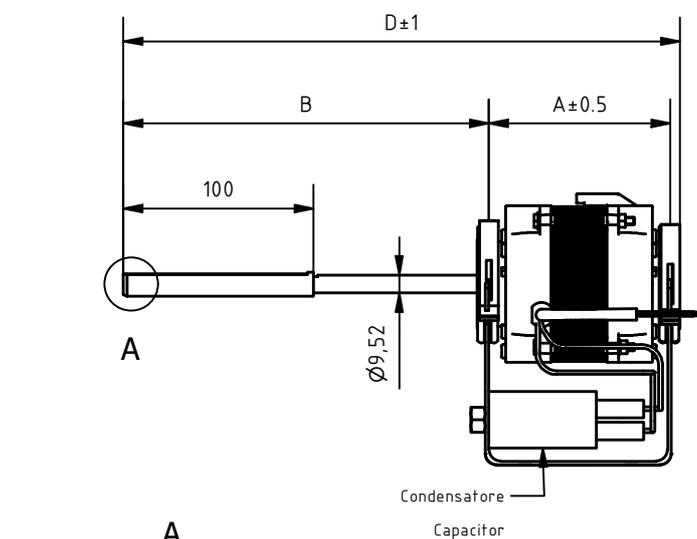


Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

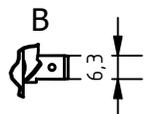
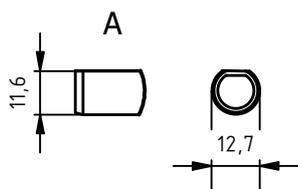
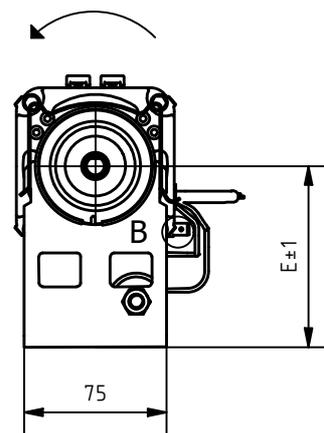
Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (uF)	Dimensioni - Dimensions			
								A	B	D	E
LA42001(A or B)	20	220-240	50/60	15	60	0,26	1,5	86	201	292	A=96 B=89
LA43001(A or B)	25	220-240	50/60	25	80	0,36	1,5	91	196	292	A=96 B=89
LA44001(A or B)	30	220-240	50/60	35	100	0,5	2	96	191	292	A=96 B=89
LA45001(A or B)	40	220-240	50/60	45	130	0,6	2,5	106	181	292	A=96 B=89
LA46001(A or B)	45	220-240	50/60	55	150	0,65	3,15	111	176	292	A=96 B=89

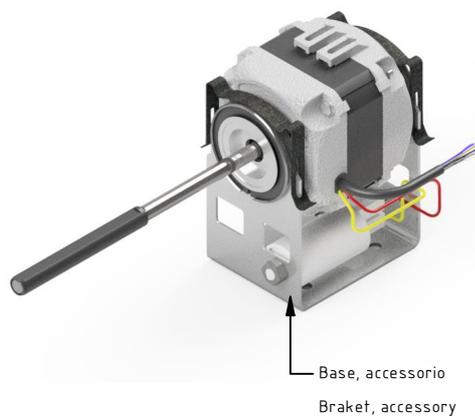
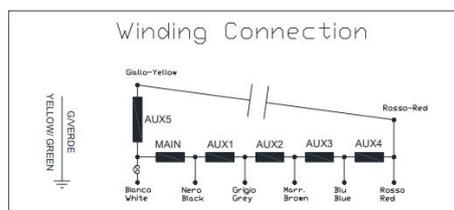
MOTORI PER FAN-COIL MONOALBERO PLURIVELOCITA' FAN-COIL MOTORS SINGLE SHAFT MULTI-SPEED WINDING



Rotazione antioraria lato uscita cavo
C.C.W. rotation seen from cable



Connessione P.T.
Ground connection

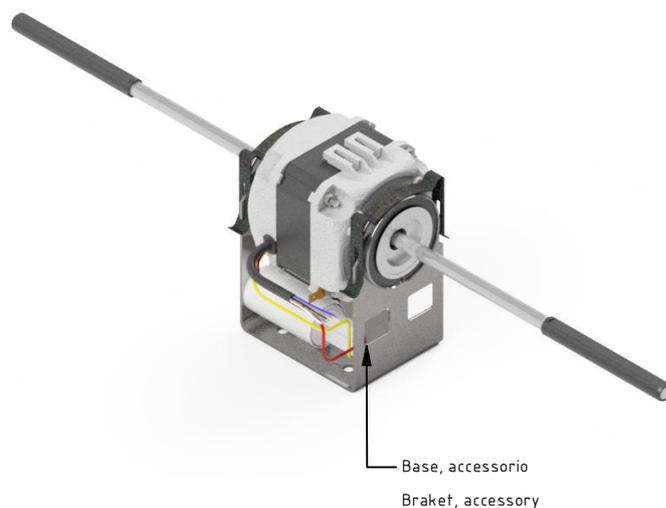
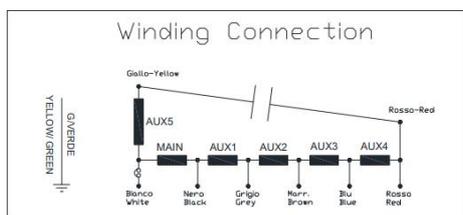
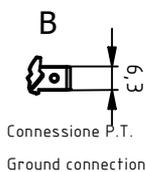
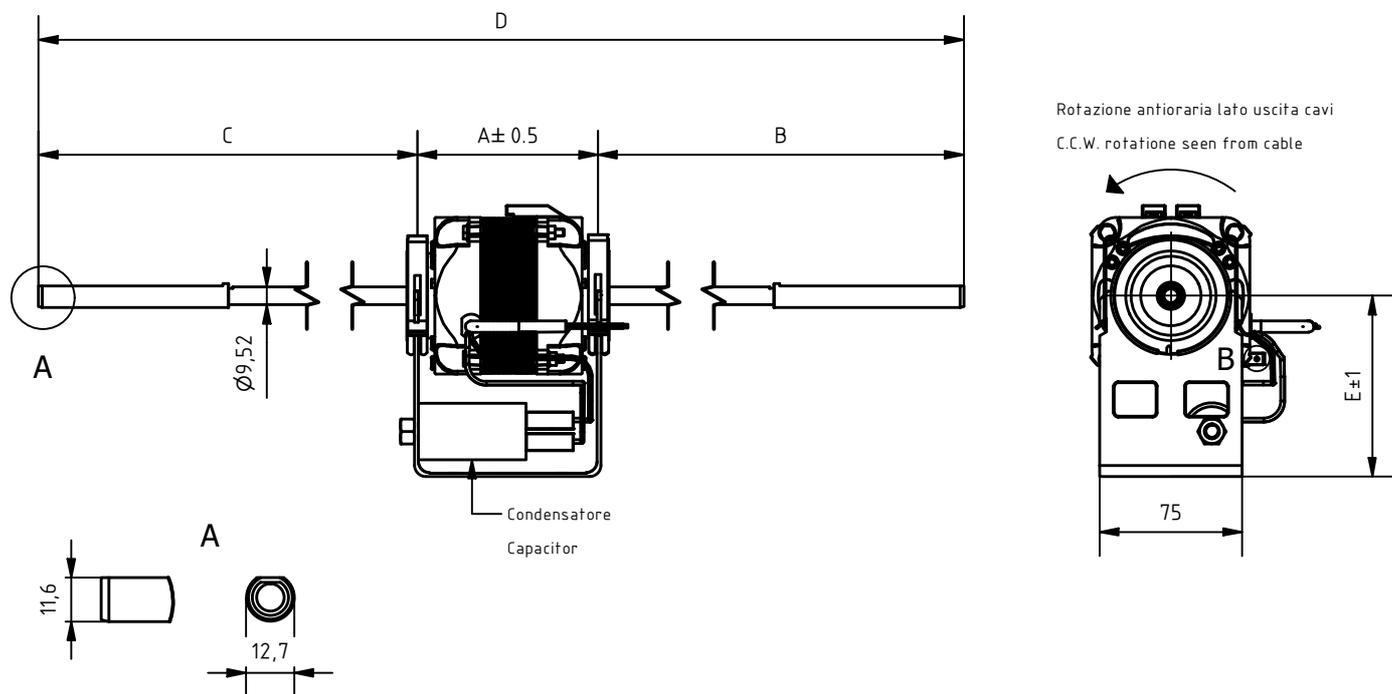


Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (uF)	Dimensioni - Dimensions			
								A	B	D	E
LA42002 (A or B)	20	220-240	50/60	15	60	0,26	1,5	86	201	292	A=96 B=89
LA43002 (A or B)	25	220-240	50/60	25	80	0,36	1,5	91	196	292	A=96 B=89
LA44002 (A or B)	30	220-240	50/60	35	100	0,5	2	96	191	292	A=96 B=89
LA45002 (A or B)	40	220-240	50/60	45	130	0,6	2,5	106	181	292	A=96 B=89
LA46002 (A or B)	45	220-240	50/60	55	150	0,65	3,15	111	176	292	A=96 B=89

MOTORI PER FAN-COIL BIALBERO PLURIVELOCITA' FAN-COIL MOTORS DOUBLE SHAFT MULTI-SPEED WINDING

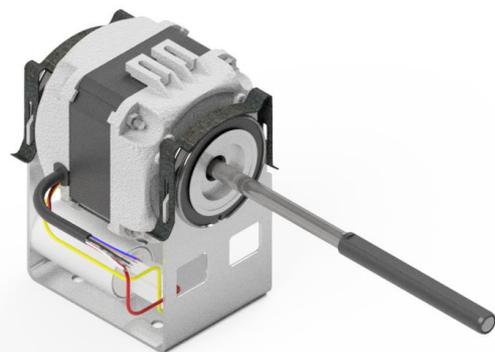
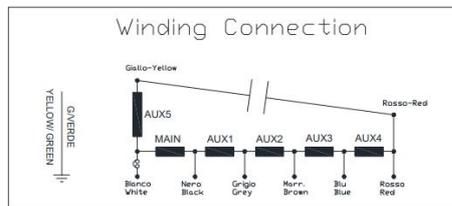
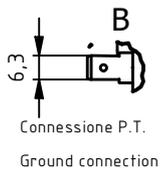
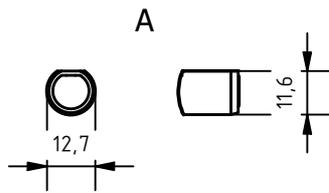
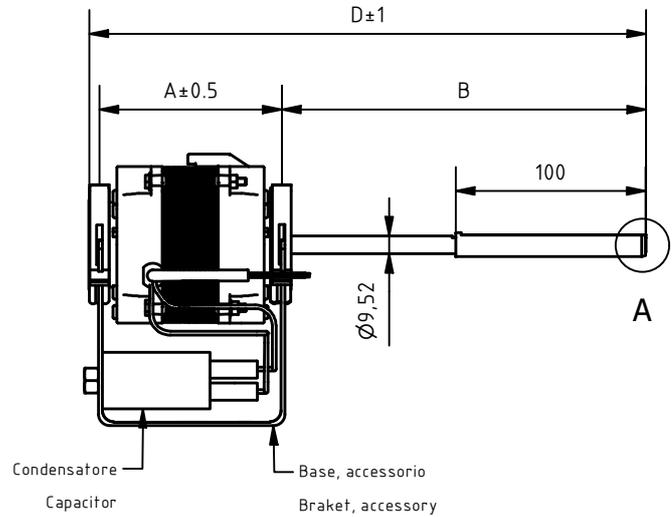
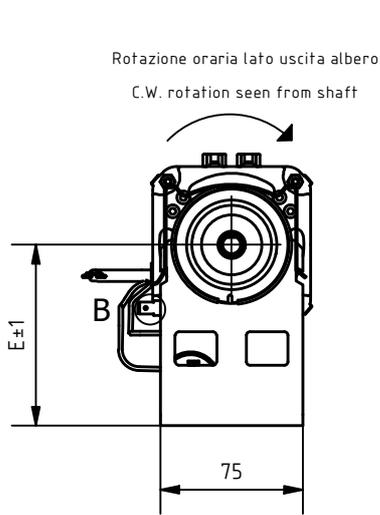


Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (uF)	Dimensioni - Dimensions				
								A	B	C	D	E
LA50000(A or B)	30	220-240	50/60	25	74	0,39	1,25 / 1,5	96	227	227	550	A=96 B=89
LA53000(A or B)	45	220-240	50/60	45	130	0,56	2,5	111	219,5	219,5	550	A=96 B=89

MOTORI PER FAN-COIL MONOALBERO PLURIVELOCITA' FAN-COIL MOTORS SINGLE SHAFT MULTI-SPEED WINDING

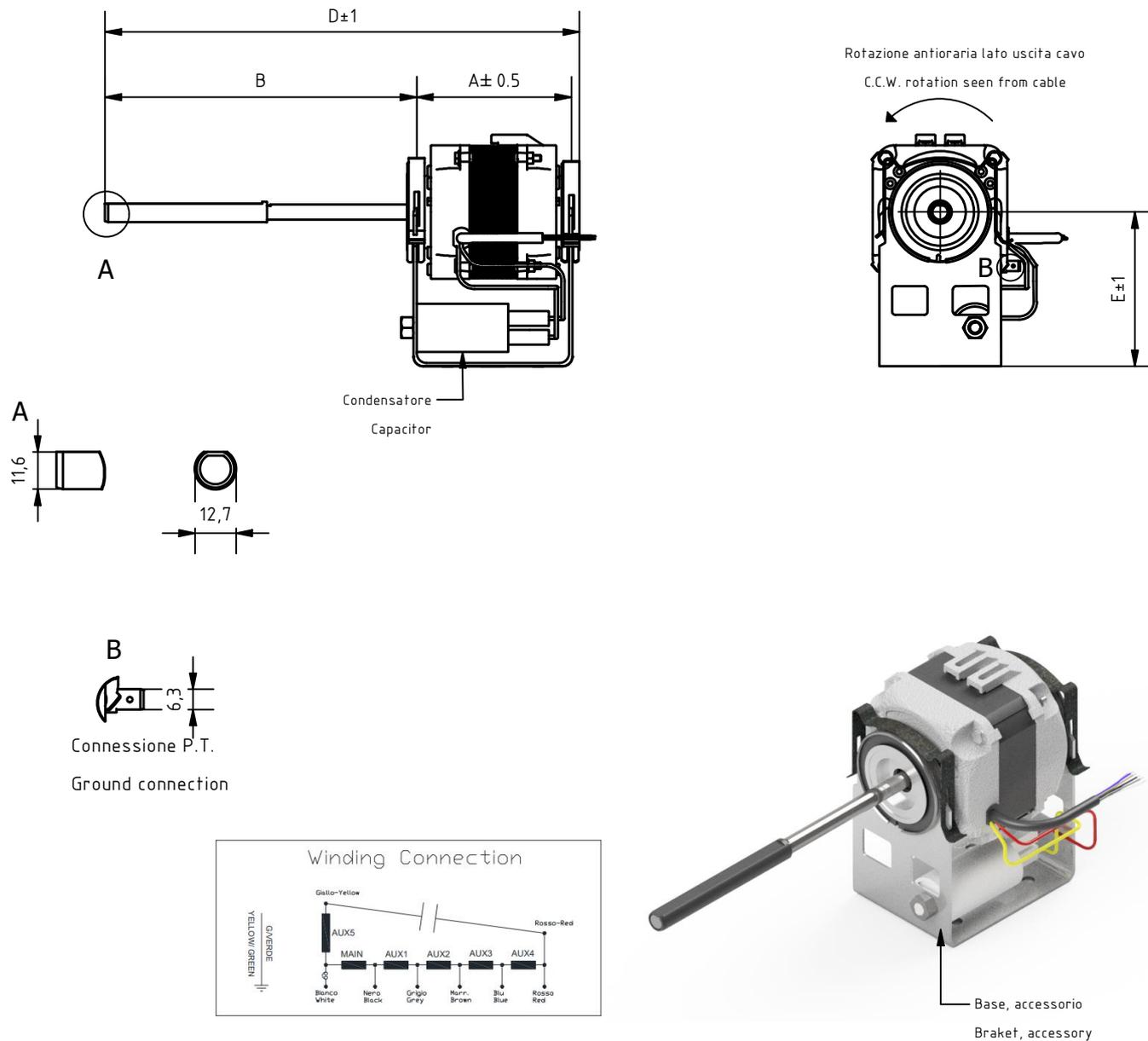


Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (µF)	Dimensioni - Dimensions			
								A	B	D	E
LA50001 (A or B)	30	220-240	50/60	25	74	0,36	1,25 / 1,5	86	191	292	A=96 B=89
LA53001 (A or B)	45	220-240	50/60	45	130	0,56	2,5	91	176	292	A=96 B=89

MOTORI PER FAN-COIL MONOALBERO PLURIVELOCITA' FAN-COIL MOTORS SINGLE SHAFT MULTI-SPEED WINDING

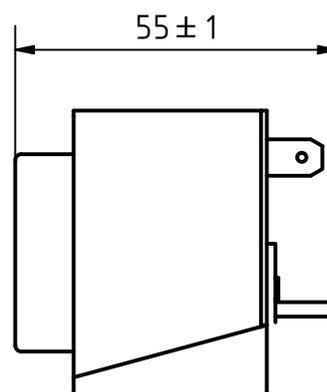
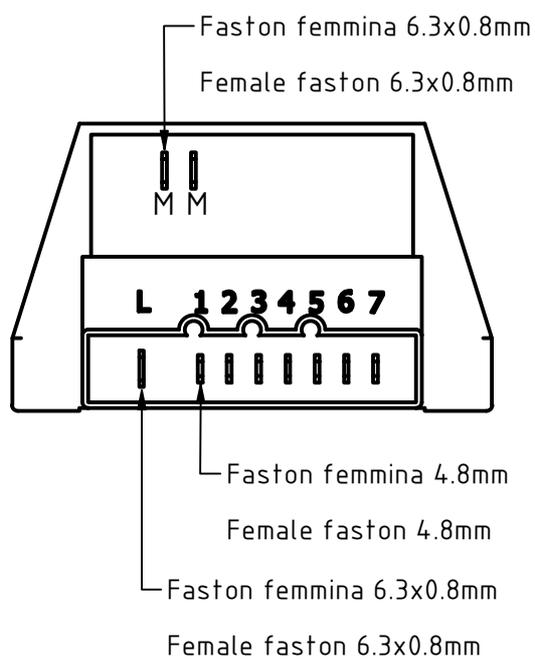
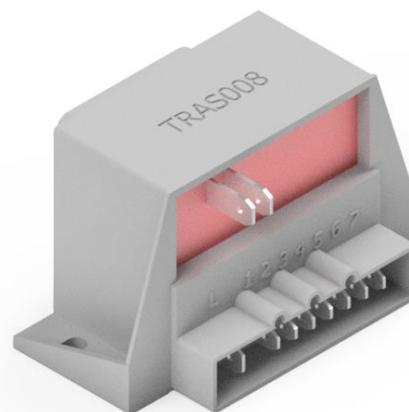
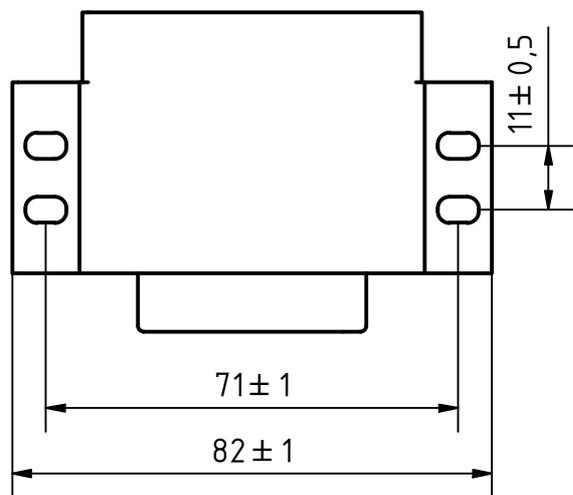


Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)

Estimated performance at 1200RPM (electrical data and air flow can change according to the application)

Modello Part number	Pacco Stack (mm)	Tensione Voltage (V)	Frequenza Frequency (Hz)	Watt out (W)	Watt in (W)	Corrente Current (A)	Condensatore Capacitor (µF)	Dimensioni - Dimensions			
								A	B	D	E
LA50002 (A or B)	30	220-240	50/60	25	74	0,36	1,25 / 1,5	96	191	292	A=96 B=89
LA53002 (A or B)	45	220-240	50/60	45	130	0,56	1,5	111	176	292	A=96 B=89

AUTOTRASFORMATORE TRAS008 TRAS008 AUTOTRANSFORMER



Tensione di alimentazione (M M) - Supply voltage (M M)

230V

Tensione di uscita (L - Vel.) - Output voltage (L - Speed)

L - 1= 246V

L - 2= 217V

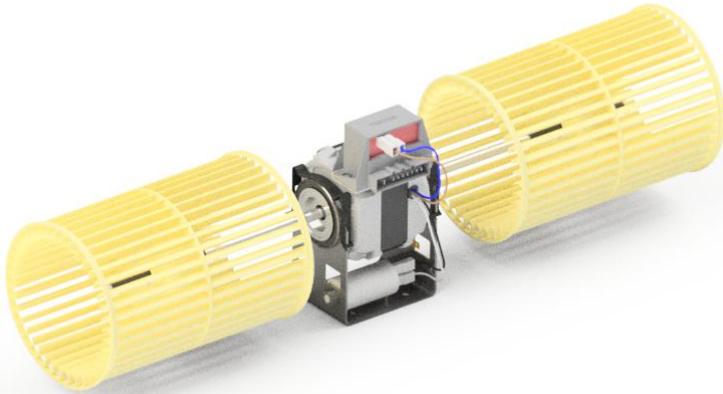
L - 3= 195V

L - 4= 178V

L - 5= 159V

L - 6= 144V

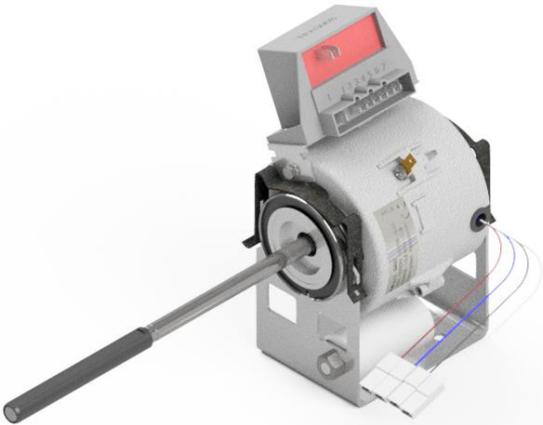
L - 7= 125V



Prestazioni stimate a 1200RPM (dati elettrici e portate possono variare in base all'apparecchiatura del cliente)
Estimated performance at 1200RPM (electrical data and flow can change according to the application)

Modello Part number	Ventola consigliata Suggested fan	Flusso aria indicativo Air flow indicative (CFM)
LA 34000 (A or B) LA 42000 (A or B)	n° 2 ventole ø14,6x14,6mm	Fino a 200 (Max) Up to 200 (Max)
LA 34001 - 2 (A or B) LA 42001 - 2 (A or B)	n° 1 ventole ø14,6x14,6mm	Fino a 200 (Max) Up to 200 (Max)
LA 35000 (A or B) LA 43000 (A or B) LA 50000 (A or B)	n° 2 ventole ø14,6x17,6mm	Fino a 300 (Max) Up to 300 (Max)
LA 35001 - 2 (A or B) LA 43001 - 2 (A or B) LA 50001 - 2 (A or B)	n° 1 ventole ø14,6x17,6mm	Fino a 300 (Max) Up to 300 (Max)
LA 36000 (A or B) LA 44000 (A or B)	n° 2 ventole ø14,6x19,6mm	Fino a 400 (Max) Up to 400 (Max)
LA 36001 - 2 (A or B) LA 44001 - 2 (A or B)	n° 1 ventole ø14,6x19,6mm	Fino a 400 (Max) Up to 400 (Max)
LA 37000 (A or B) LA 45000 (A or B) LA 53000 (A or B)	n° 2 ventole ø14,6x21,6mm	Fino a 500 (Max) Up to 500 (Max)
LA 37001 - 2 (A or B) LA 45001 - 2 (A or B) LA 53001 - 2 (A or B)	n° 1 ventole ø14,6x21,6mm	Fino a 500 (Max) Up to 500 (Max)
LA 38000 (A or B) LA 46000 (A or B)	n° 2 ventole ø14,6x24,0mm	Fino a 600 (Max) Up to 600 (Max)
LA 38001 - 2 (A or B) LA 46001 - 2 (A or B)	n° 1 ventole ø14,6x24,0mm	Fino a 600 (Max) Up to 600 (Max)

Motori per fan-coil Fan coil motors

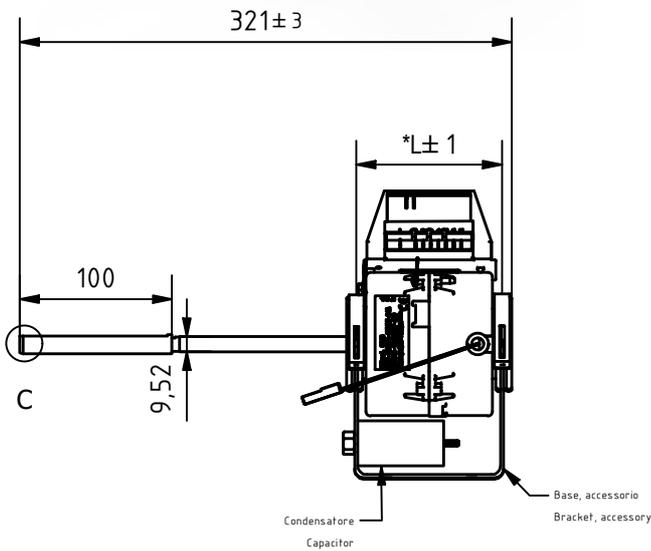


Idonei per unità ventilanti FAN-COIL

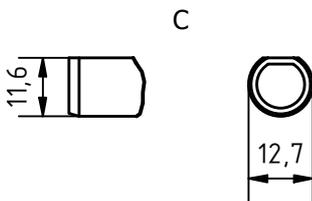
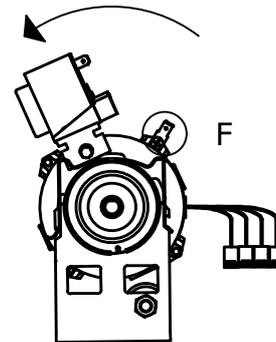
Motore 4 poli
 Tipo di servizio: S1
 Classe di isolamento: B
 Classe di protezione: IP42
 Il motore può essere fornito con o senza accessori

Suitable for ventilating FAN-COIL UNITS

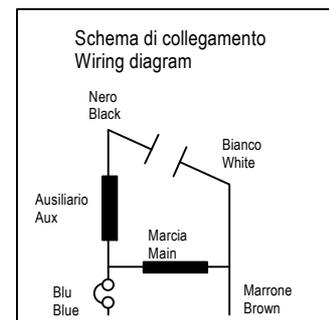
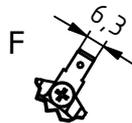
Motore 4 poli
 Operating type: S1
 Insulation class: B
 Protection class: IP42
 The motor can be supplied with or without accessories



Rotazione antioraria lato uscita albero
 C.C.W. rotation seen from shaft



Connessione P.T.
 Ground connection



- ✕L: L'interasse supporto motore può essere adeguato alle esigenze del cliente
- ✕L: The engine mount bracket can be tailored to the needs of the customer

Tensione (V) Voltage (V)	Frequenza (Hz) Frequency (Hz)	Corrente (A) Current (A)	Win / Wout	Giri (rpm) Speed (rpm)	Condensatore (µF) Capacitor (µF)	L	Rotazione Rotation
230	50 / 60	0,4	85 / 35	950	1,5	97	C.W. / C.C.W.

Poichè la nostra produzione viene costantemente migliorata, gli apparecchi potranno differire nei valori e nelle misure illustrate in questa pubblicazione, quindi misure e valori non sono impegnativi

Due to our constant production improvement, technical device data indicated could be modified

Motori per fan-coil Fan-coil motors

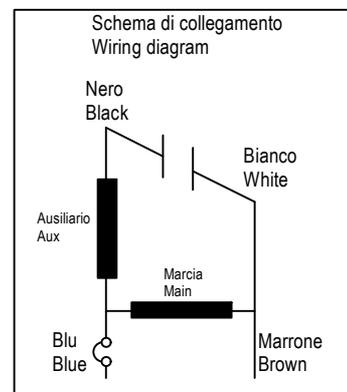
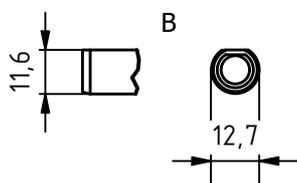
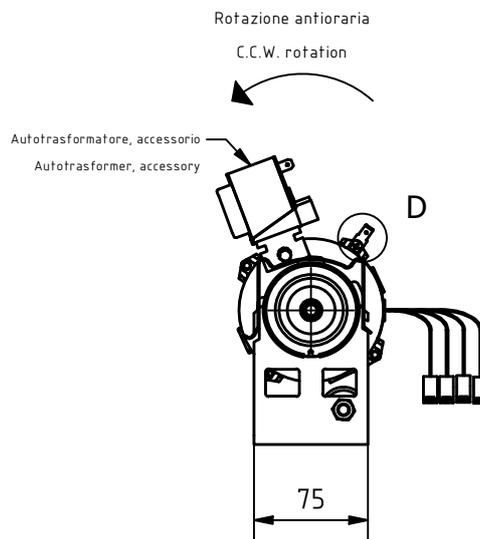
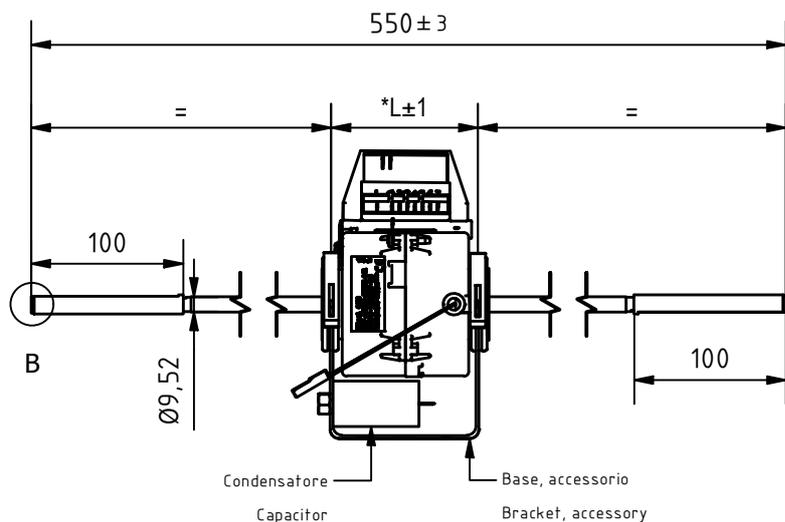


Idonei per unità ventilanti FAN-COIL

Motore 4 poli
Tipo di servizio: S1
Classe di isolamento: B
Classe di protezione: IP42
Il motore può essere fornito con o senza accessori

Suitable for ventilating FAN-COIL UNITS

4 poles motor
Operating type: S1
Insulation class: B
Protection class: 42
The motor can be supplied with or without accessories



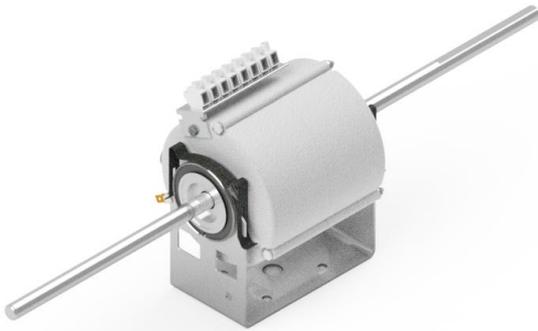
*L: L'interasse supporto motore può essere adeguato alle esigenze del cliente

*L: The engine mount bracket can be tailored to the needs of the customer

Tensione (V) Voltage (V)	Frequenza (Hz) Frequency (Hz)	Corrente (A) Current (A)	Win / Wout	Giri (rpm) Speed (rpm)	Condensatore (µF) Capacitor (µF)	L (mm) Versione / Version
230	50 / 60	0,4	85 / 35	950	1,5	97 (GA 03)
230	50 / 60	0,46	115 / 55	950	3,15	110 - 120 (GA 04)

Motori per ventilconvettori

Motors for fan coils



Motore PSC a condensatore permanente inserito serie BA

Funzionamento: Continuo (S1)

Classe di isolamento: B - F

Protezione: Termoprotettore

Velocità: Da 1 a 7, in cava o con autotrasformatore

Grado di protezione: IP20 - IP44

Coperchi: Alluminio aperti o chiusi con bronzine

Temperatura esercizio: -30°C + 40°C

E' possibile configurare il motore secondo le specifiche del cliente,

lunghezza albero, tipo di connessione, cuscinetti, aumento o diminuzione

interasse fissaggio base (L), base supporto motore sono, tutte variabili

Norme di riferimento:

CENELEC EN 60335-1

EMC 89/336/CEE

BT 73/23/CEE

PSC motor with permanent split capacitor

Duty cycles: Continuous (S1)

Insulation class: B - F

Protection: Thermo protect

Number of speed: From 1 to 7

Protection degree: IP20 - IP44

Shield: Closed or open Aluminium

Temperature between: -30°C +40°C

It is possible to realize the fan following customer's specifications, shaft length, connection type, ball bearings, increase or decrease of fixing distance to bracket.

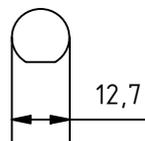
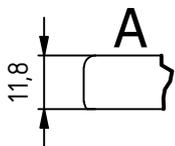
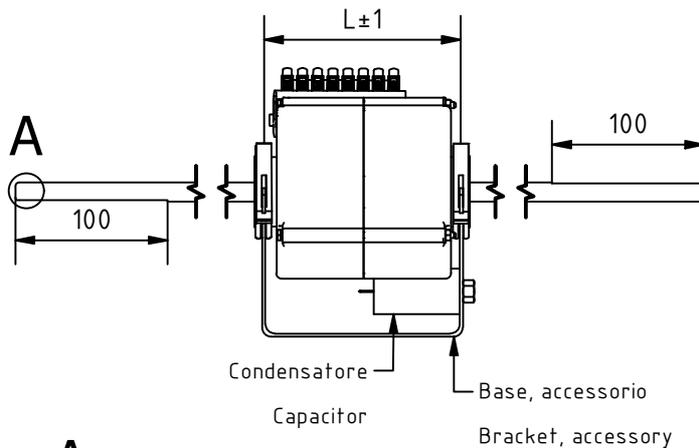
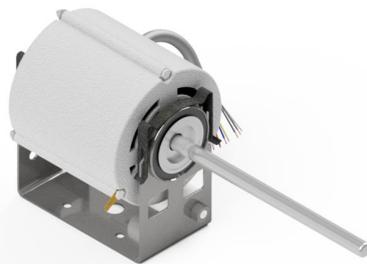
Brackets for motors are all modifiable

Reference:

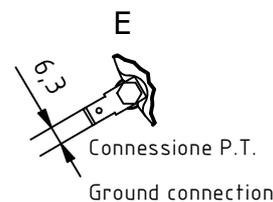
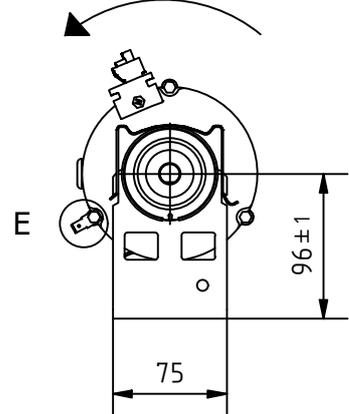
CENELEC EN 60335-1

EMC 89/336/CEE

BT 73/23/CEE



Rotazione antioraria lato uscita cavi
C.C.W. rotation seen from shaft



Modello Part number	Volt Voltage	W out	Hz	Poli Poles	L
BA 32 ...	220 - 240	60	50	4	102
BA 24 ...	220 - 240	125	50	4	115
BA 18 ...	220 - 240	147	50	4	130 - 143
BA 23 ...	220 - 240	160	50	4	130 - 143
BA 26 ...	220 - 240	185	50	4	130 - 143



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