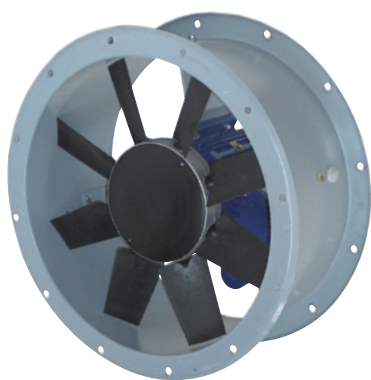




CC

Aspiratori assiali intubati Duct axial fan



ErP 2009/125/CE



UE 327/2011

Conformi alla Direttiva ErP e al
Regolamento UE 327/2011 (FAN)

Comply with ErP Directive
and EU Regulation 327/2011 (FAN)

DESCRIZIONE

Gli aspiratori assiali intubati della serie CC sono utilizzati in applicazioni canalizzate che necessitano di grandi portate d'aria con cadute di pressione non elevate, come ad esempio impianti di ventilazione e raffreddamento in ambito industriale, navale, commerciale, civile, energetico... Questa serie presenta, rispetto ai ventilatori centrifughi, il vantaggio di un minor ingombro e una maggiore facilità d'installazione. La serie standard è costituita da modelli con diametro della ventola da 310 a 1600 mm. Possono essere realizzati con motori di diversa polarità a seconda della taglia e delle prestazioni richieste. Sono idonei a convogliare aria pulita con temperatura da -15°C a +50°C in servizio continuo.

COSTRUZIONE

- Cassa in lamiera d'acciaio, con flange di fissaggio, realizzate a norma ISO 13351. Verniciata a polveri epossipoliesteriche.
- Girante con pale a profilo alare in tecnopolimero e mozzo in fusione di lega d'alluminio. Bilanciata secondo ISO 1940. Angolo di calettamento variabile da fermo tramite tasselli di regolazione
- Esecuzione 5 (accoppiamento diretto con girante a sbalzo) e flusso aria da motore a girante.
- Motore asincrono trifase o monofase a norme internazionali IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE e marcato CE IP55, classe F.
- Idoneo ad un servizio S1.

MOTORE

Motore asincrono trifase IE3 a norme internazionali IEC 60034, IEC 60072, EMC 2014/30/UE, LVD 2014/35/UE e marcato CE, IP55, classe F. Idonei a servizio S1 a carico costante. Esecuzione 4 (accoppiamento diretto con girante a sbalzo) e flusso d'aria da girante a motore.

ACCESSORI

- CCpro - Prolunga con portellina d'ispezione
- CCr - Rete di protezione piana
- CCrc - Rete di protezione conica
- CCga - Giunto antivibrante
- CCst - Staffe di fissaggio
- CCbo - Boccaglio in aspirazione/mandata
- CCsa e CCsb - Silenziatori con e senza ogiva con tre diverse lunghezze
- CCf - Controflange piane
- CCfc - Controflange con collare
- Supporti antivibranti
- CCot - Terminale con rete.

DESCRIPTION

The tube axial fans of CC series are used for ducted installations requiring large airflow with relatively low pressure drop, like ventilation and cooling systems in industrial, naval, commercial, civil, energetic fields. This series has, compared to centrifugal fans, the advantage of being smaller in dimensions and easier to be installed. The series consists of different sizes with impeller diameter from 310 to 1600 mm. CC fans can be fitted with motors of different polarity, depending on size and required performance. Suitable for conveying clean air with temperature from -15°C to +50°C in continuous service.

CONSTRUCTION

- Short casing in steel sheet, with fixing flanges manufactured according to ISO 13351 standard. Protected against atmospheric agents by epoxy paint.
- Axial impeller with aerofoil profile blades in technopolymer and die-cast aluminium hub, balanced according ISO 1940. Variable pitch angle in still position with setting means.
- Execution 5 (with impeller directly coupled to motor with feet) and airflow from motor to impeller.
- Asynchronous three-phase or single-phase motors according to international standards IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE, CE marked, IP 55, class F.
- Service S1.

MOTOR

Asynchronous three-phase IE3 motors according to international standards IEC 60034, IEC 60072, EMC 2014/30/UE, LVD 2014/35/UE, CE marked, IP55, class F. Suitable for S1 service at constant load. Execution 4 (with impeller directly coupled to motor with feet) and airflow from impeller to motor.

ACCESSORIES

- CCpro - Extension (for long casing version) with inspection porthole
- CCr - Flat protection guard
- CCrc - Conic protection guard
- CCga - Flexible connectors
- CCst - Support feet
- CCbo - Inlet/outlet bell mouth
- CCsa and CCsb - Silencers, with and without pod, in three lengths
- CCf - Counter flange flat
- CCfc - Counter flange with collar
- Anti-vibration mounts
- CCot - Outlet terminal.

VERSIONI | VERSIONS



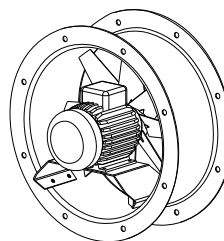
CC ATEX

Versione antideflagrante
secondo la Direttiva 2014/34/UE
Explosion-proof version
according to Directive 2014/34/UE

CASSA CORTA | SHORT CASING

I ventilatori della serie CC sono in esecuzione a cassa corta di standard, per semplicità d'installazione, movimentazione e contenimento dei costi. Quest'esecuzione è anche concepita per il montaggio nella parte iniziale o finale di una canalizzazione. In questo caso, una corretta installazione prevede l'utilizzo del bocchaglio "CCbo" (vedere accessori).

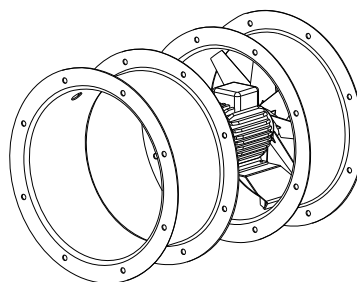
The fans of CC series are in short casing execution as standard, for ease of transport and installation and for cost saving. This execution is also suitable for assembling in the initial or final part of a ducted system. In this case a correct installation foresees the use of the inlet/outlet bell mouth "CCbo" (see accessories).



CASSA LUNGA | LONG CASING

I ventilatori della serie CC possono essere forniti in esecuzione a cassa lunga, con girante e motore completamente protetti dalla cassa, utilizzando la prolunga "CCpro" (vedere accessori). La prolunga "CCpro" è completa di portellina d'ispezione e fori per passaggio cavi.

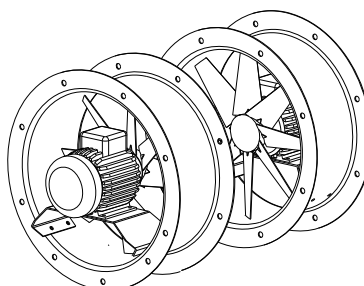
The CC series fans can be provided in long casing execution, with impeller and motor completely protected inside the casing, by using the extension "CCpro" (see accessories). The extension "CCpro" is complete of inspection porthole and holes for cable entry.



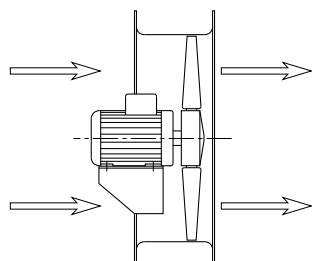
MULTISTADIO | MULTISTAGE

I ventilatori della serie CC, prevedono la possibilità d'esecuzioni multistadio, isorotanti o controrotanti (assemblaggio di due o più ventilatori monostadio con giranti rotanti nello stesso senso o in senso contrario). Queste configurazioni permettono di aumentare notevolmente la pressione sviluppata. In particolare la serie CC a due stadi controrotanti, sviluppa 2.5 volte la pressione sviluppata da un ventilatore monostadio, di pari diametro e velocità con un assorbimento di potenza non superiore alle 2 volte. Inoltre il ventilatore multistadio ha un rapporto prestazioni/livello sonoro vantaggioso, rispetto ad un ventilatore monostadio, potendo raggiungere le prestazioni richieste ad una minore velocità di rotazione.

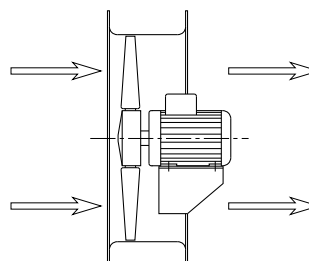
The fans of the CC series foresee the possibility of multistage execution, iso-rotating or contra-rotating (assembly of two or more single-stage fans, with impellers rotating in the same or in the opposite direction). This configuration allows to considerably increase the pressure developed. Specifically, the CC series with two contra-rotating stages develops 2.5 times the pressure of a single-stage fan of equal diameter and speed, with a power absorption not bigger than 2 times. In addition, the multi-stage option, compared to the single-stage one, has a favourable relation performances/noise, as the required performance can be achieved with a lower rotational speed.



Flusso da GIRANTE a MOTORE | Airflow from IMPELLER to MOTOR



Orientamento standard
Standard orientation



Orientamento a richiesta
Upon request orientation

A RICHIESTA | UPON REQUEST

- Girante a profilo alare, completamente in fusione di lega d'alluminio [CCZ].
- Cassa zincata a caldo.
- Flusso aria da girante a motore.
- Morsettiera esterna.
- Versioni "multistadio" isorotanti o controrotanti.
- Impeller with airfoil blades in die-cast aluminium alloy [CCZ].
- Casing protected against atmospheric agents by hot-dip galvanizing
- Air flow from impeller to motor
- Outer terminal box
- Iso-rotating or contra-rotating

PRESTAZIONI | PERFORMANCE

CC

Le prestazioni aerauliche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1,2 Kg/m³.
Il livello di potenza sonora è ottenuto secondo la norma EN ISO 3746.
Installazione D.
Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances are measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight.
The sound power level is obtained according to EN ISO 3746.
Installation D.
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz

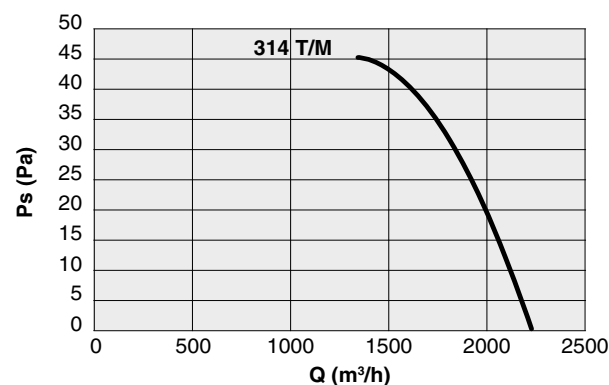
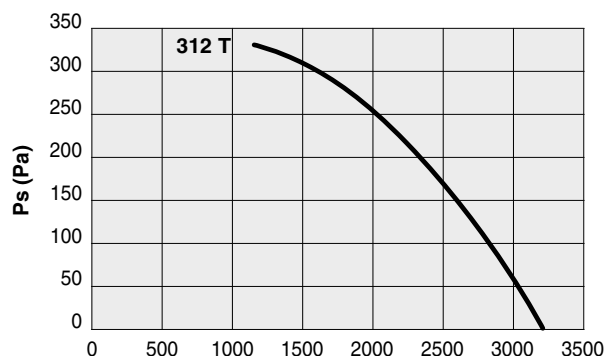
U - M/T	P	Pm (kW)	In (A)	IP/CL	Mot. (Gr)	Lp/Lw (dBA)	Ps (Pa)	Q (m³/h)
Alimentazione elettrica Monofase/Trifase Power supply Single/Three-phase	N° di poli motore N° of motor poles (RPM: 2p-3000 4p-1500 6p-1000 8p-750)	Potenza nominale motore Motor power rating	Corrente nominale a pieno carico Full load current	Grado di protezione motore/Classe di isolamento Motor protection grade/Insulation class	Grandezza motore Motor size	Livello di pressione e potenza sonora Sound pressure and volume levels	Pressione statica Static pressure	Portata volumetrica Airflow volume

CC 310

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC3355	CC	312	3H-4-25	T	2	0,25	0,65	55/F	-	63
1CC3322		314	DY-6-45	M	4	0,25	1,10	55/F	-	63
1CC3320			DY-6-45	T	4	0,12	0,45	55/F	-	63

LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC3355	312 T	Lw	57	68	75	83	84	83	82	90
		Lp	36	47	54	62	63	62	61	69
1CC3322	314 M	Lw	41	51	56	62	65	65	66	71
		Lp	20	30	35	41	44	44	45	51
1CC3320	314 T	Lw	41	51	56	62	65	65	66	71
		Lp	20	30	35	41	44	44	45	51

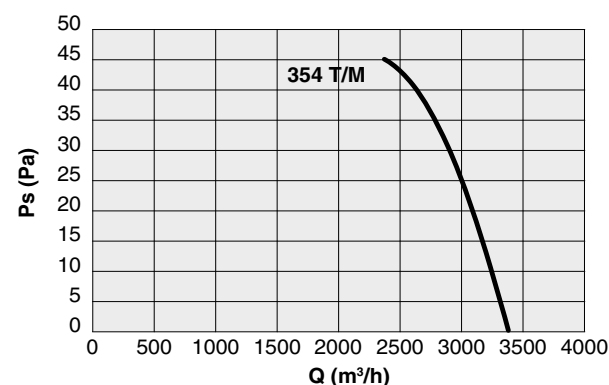
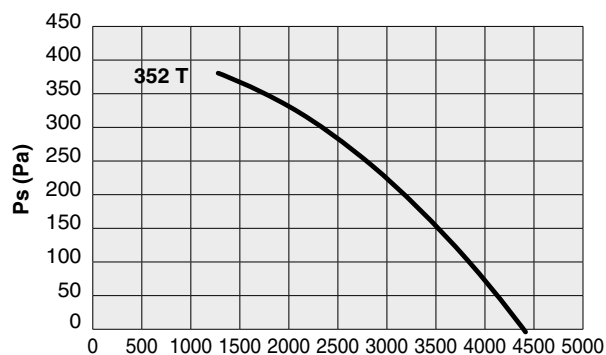


CC 350

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC3700	CC	352	DY-6-30	T	2	0,55	1,35	55/F	-	71
1CC3722		354	DY-6-45	M	4	0,12	1,10	55/F	-	63
1CC3720			DY-6-45	T	4	0,12	0,45	55/F	-	63

LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC3700	352 T	Lp	20	30	35	41	44	44	45	51
		Lw	57	68	74	79	82	82	83	88
1CC3722	354 M	Lp	36	47	53	58	61	61	62	68
		Lw	42	52	57	63	66	66	66	72
1CC3720	354 T	Lp	21	31	36	42	45	45	45	51
		Lw	42	52	57	63	66	66	66	72



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T
Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P
N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)
Potenza
nominale motore
Motor power rating

In (A)
Corrente nominale
a pieno carico
Full load current

IP/CL
Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)
Grandezza
motore
Motor size

Lp/Lw (dBA)
Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)
Pressione
statica
Static pressure

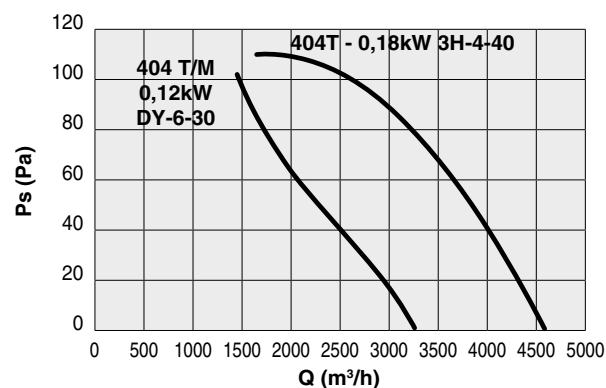
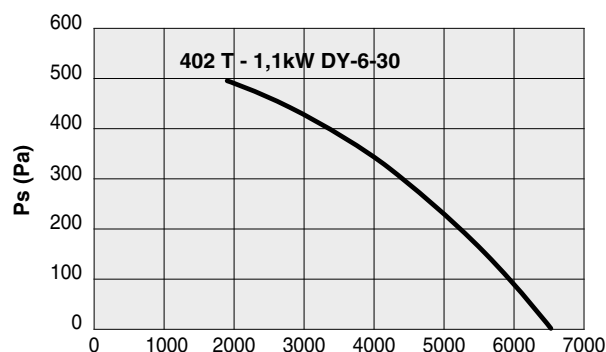
Q (m³/h)
Portata
volumetrica
Airflow
volume

CC 400

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC4300	CC	402	DY-6-30	T	2	1,10	2,50	55/F	✓	80
1CC4316			DY-6-30	M	4	0,12	1,10	55/F	-	63
1CC4357		404	3H-4-40	T	4	0,18	0,45	55/F	-	63
1CC4317			DY-6-30	T	4	0,12	0,65	55/F	-	63

LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC4300	402 T	Lw	57	68	73	79	83	87	77	90
		Lp	36	47	52	58	62	66	56	70
1CC4316	404 M	Lw	42	53	58	64	67	68	62	74
		Lp	21	32	37	43	46	47	41	53
1CC4357	404 T	Lw	42	53	58	64	67	68	62	74
		Lp	21	32	37	43	46	47	41	53
		Lw	46	52	57	64	67	67	62	73
		Lp	25	31	36	43	46	46	41	52

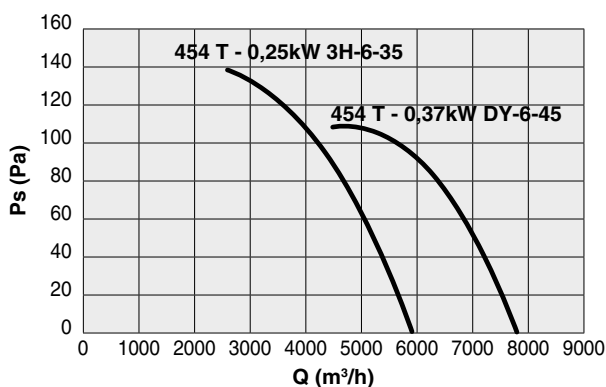
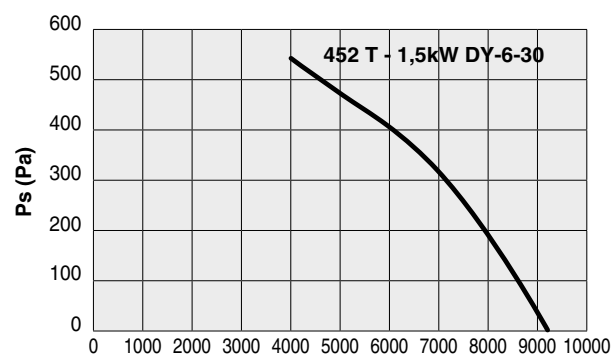


CC 450

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC4710	CC	452	DY-6-30	T	2	1,50	3,00	55/F	✓	80
1CC4720		454	DY-6-45	T	4	1,25	1,25	55/F	-	71
1CC4709			3H-6-35	T	4	0,69	0,69	55/F	-	63

LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC4710	452 T	Lw	62	72	78	85	89	88	82	94
		Lp	41	51	57	64	68	67	61	74
1CC4720	454 T	Lw	50	57	62	67	69	70	65	76
		Lp	29	36	41	46	48	49	44	55
		Lw	48	59	67	73	72	71	66	79
		Lp	27	38	46	52	51	50	45	58



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T

Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P

N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)

Potenza
nominale motore
Motor power rating

In (A)

Corrente nominale
a pieno carico
Full load current

IP/CL

Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)

Grandezza
motore
Motor size

Lp/Lw (dBA)

Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)

Pressione
statica
Static pressure

Q (m³/h)

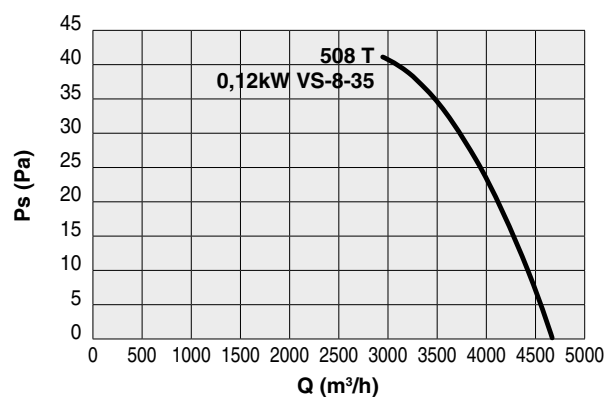
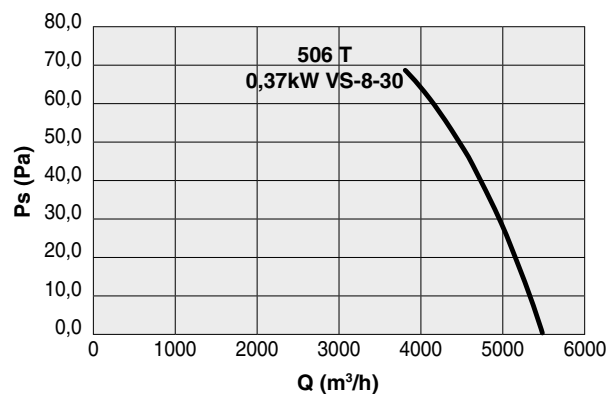
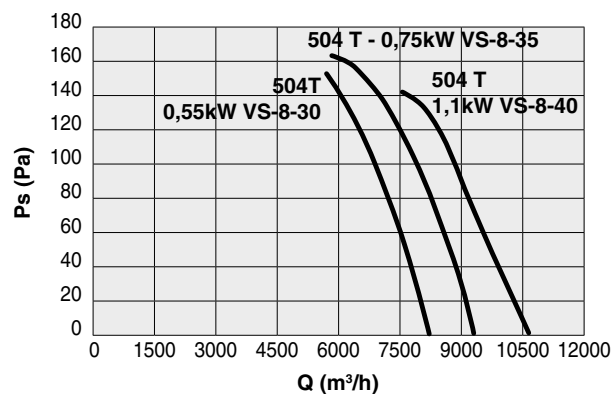
Portata
volumetrica
Airflow
volume

CC 500

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC5258	CC	504	VS-8-40	T	4	1,10	2,50	55/F	✓	80
1CC5259			VS-8-35	T	4	0,75	2,10	55/F	✓	80
1CC5260			VS-8-30	T	4	0,55	1,60	55/F	-	80
1CC5257		506	VS-8-30	T	6	0,18	0,75	55/F	-	63
1CC5261		508	VS-8-35	T	8	0,12	0,70	55/F	-	63

LIVELLI SONORI | SOUND LEVELS dB(A)

Table 1. Sound pressure level (SPL) spectra of the test cases											
Hz		63	125	250	500	1000	2000	4000	8000	TOT	
1CC5258	504 T	Lw	56	63	68	71	74	74	73	67	80
		Lp	35	42	47	50	53	53	52	46	59
Lw		53	60	65	70	73	72	71	65	78	
Lp		32	39	44	49	52	51	50	44	58	
Lw		54	65	74	75	76	74	73	63	82	
Lp		33	44	53	54	55	53	52	42	61	
Lw		46	57	66	66	67	65	64	58	73	
Lp		25	36	45	45	46	44	43	37	52	
1CC5257	506 T	Lw	38	45	50	55	58	58	56	50	63
		Lp	17	24	29	34	37	37	35	29	43



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T
Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P
N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)
Potenza
nominale motore
Motor power rating

In (A)
Corrente nominale
a pieno carico
Full load current

IP/CL
Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)
Grandezza
motore
Motor size

Lp/Lw (dBA)
Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)
Pressione
statica
Static pressure

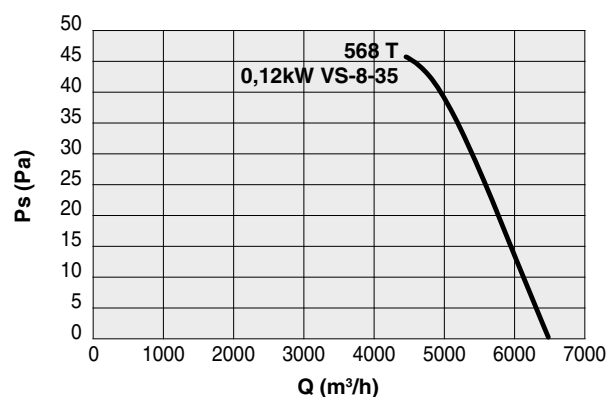
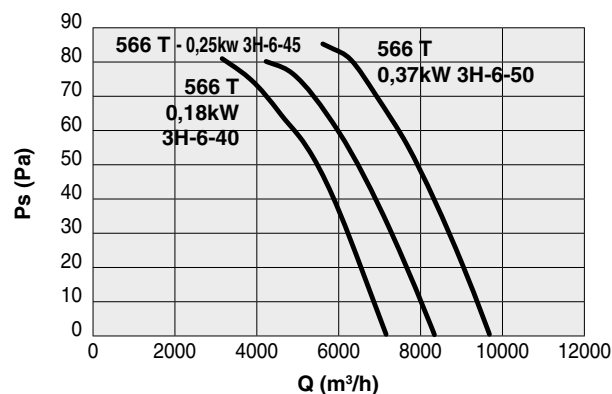
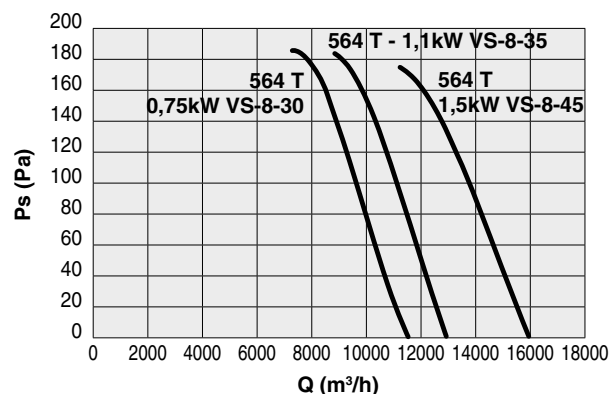
Q (m³/h)
Portata
volumetrica
Airflow
volume

CC 560

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC5679	564	VS-8-45	T	4	1,50	3,30	55/F	✓	90	
1CC5676										
1CC5677										
1CC5680	566	3H-6-50	T	6	0,37	1,40	55/F	-	71	
1CC5724										
1CC5725										
1CC5678	568	VS-8-35	T	8	0,12	0,71	55/F	-	63	

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC5679	Lw	60	67	72	75	77	76	75	83
	Lp	39	46	51	54	56	55	54	62
1CC5676	Lw	62	69	74	76	78	77	76	84
	Lp	41	48	53	55	57	56	55	63
1CC5677	Lw	55	62	67	72	75	73	67	80
	Lp	34	41	46	51	54	52	46	60
1CC5680	Lw	54	61	66	69	69	68	63	76
	Lp	33	40	45	48	48	47	42	55
1CC5724	Lw	56	63	67	70	70	69	68	76
	Lp	35	42	46	49	49	48	41	56
1CC5725	Lw	43	53	59	63	66	67	60	72
	Lp	22	32	38	42	45	46	39	52
1CC5678	Lw	48	55	60	62	63	62	61	69
	Lp	27	34	39	41	42	41	40	49



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T

Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P

N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)

Potenza
nominale motore
Motor power rating

In (A)

Corrente nominale
a pieno carico
Full load current

IP/CL

Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)

Grandezza
motore
Motor size

Lp/Lw (dBA)

Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)

Pressione
statica
Static pressure

Q (m³/h)

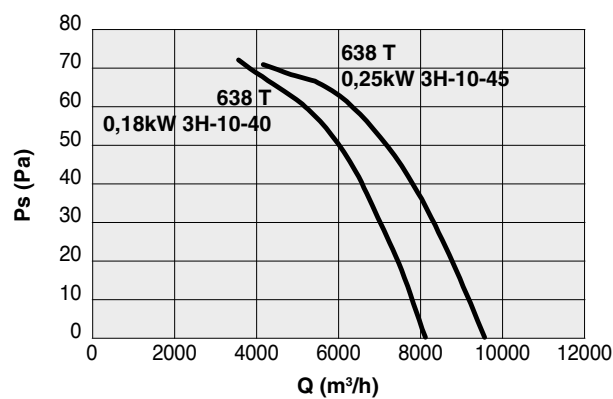
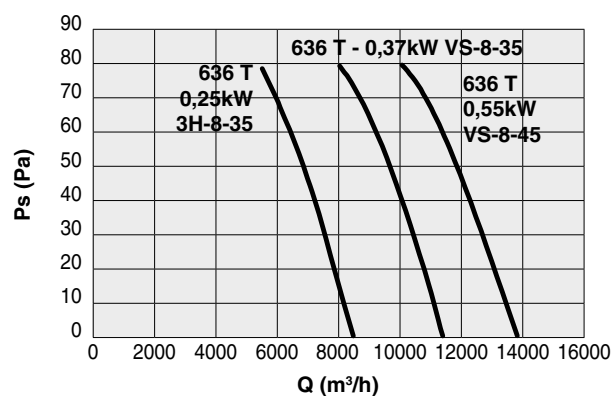
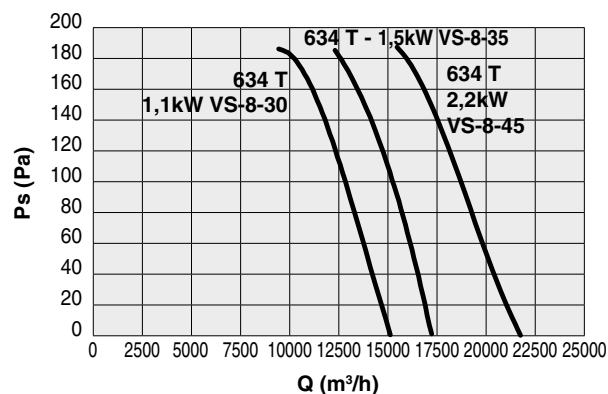
Portata
volumetrica
Airflow
volume

CC 630

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC6528	CC	634	VS-8-45	T	4	2,20	4,60	55/F	✓	100
1CC6529			VS-8-35	T	4	1,50	3,30	55/F	✓	90
1CC6533			VS-8-30	T	4	1,10	2,50	55/F	✓	80
1CC6534		636	VS-8-45	T	6	0,55	1,80	55/F	–	80
1CC6535			VS-8-35	T	6	0,37	1,40	55/F	–	80
1CC6525			3H-8-35	T	6	0,25	1,00	55/F	–	71
1CC6527		638	3H-10-45	T	8	0,25	1,20	55/F	–	80
1CC6526			3H-10-40	T	8	0,18	0,90	55/F	–	80

LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC6528	Lw	57	64	69	76	77	77	76	70	83
	Lp	36	43	48	55	56	56	55	49	62
1CC6529	Lw	63	70	75	77	79	78	77	72	85
	Lp	42	49	54	56	58	57	56	51	64
1CC6533	Lw	57	64	69	74	77	76	75	69	82
	Lp	36	43	48	53	56	55	54	48	62
1CC6534	Lw	53	60	65	67	70	70	69	63	76
	Lp	32	39	44	46	49	49	48	42	55
1CC6535	Lw	55	62	67	69	70	70	69	63	77
	Lp	34	41	46	48	49	49	48	42	56
1CC6525	Lw	47	57	64	68	70	68	67	60	75
	Lp	26	36	43	47	49	47	46	39	54
1CC6527	Lw	46	56	61	63	65	64	64	58	71
	Lp	25	36	41	43	45	44	43	38	51
1CC6526	Lw	41	49	56	60	63	63	62	55	69
	Lp	20	29	35	40	43	42	41	34	48



sez.
1.3

PRESTAZIONI | PERFORMANCE

CC

U - M/T
Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P
N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)
Potenza
nominale motore
Motor power rating

In (A)
Corrente nominale
a pieno carico
Full load current

IP/CL
Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)
Grandezza
motore
Motor size

Lp/Lw (dBA)
Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)
Pressione
statica
Static pressure

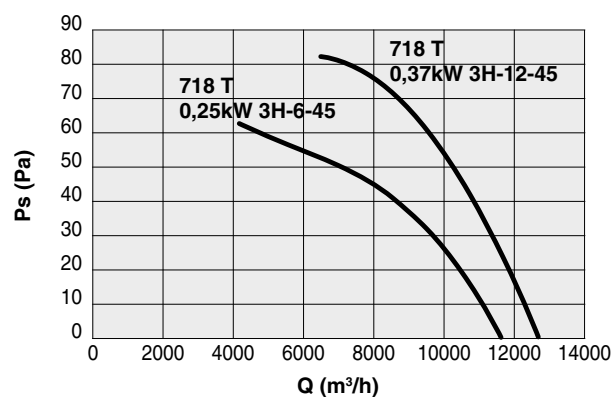
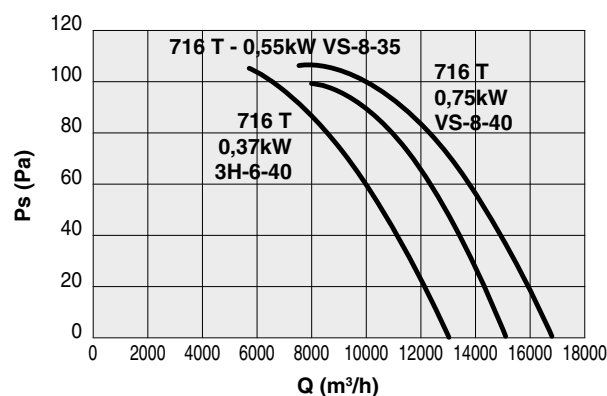
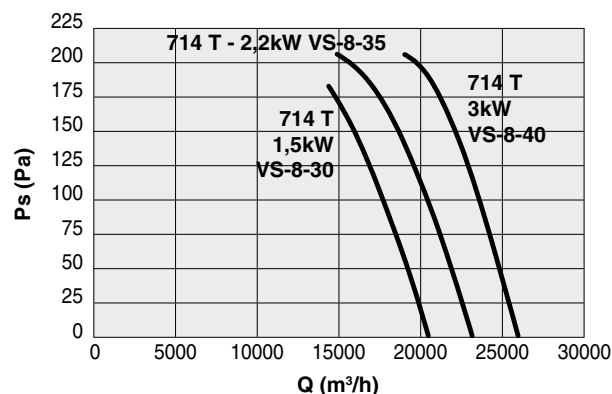
Q (m³/h)
Portata
volumetrica
Airflow
volume

CC 710

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC7363	714	VS-8-40	T	4	3,0	6,30	6,30	55/F	✓	100
1CC7364		VS-8-35	T	4	2,20	4,60	4,60	55/F	✓	100
1CC7365		VS-8-30	T	4	1,50	3,30	3,30	55/F	✓	90
1CC7366	716	VS-8-40	T	6	0,75	2,01	2,01	55/F	✓	90
1CC7367		VS-8-35	T	6	0,55	1,80	1,80	55/F	-	80
1CC7360		3H-6-40	T	6	0,37	1,40	1,40	55/F	-	80
1CC7361	718	3H-12-45	T	8	0,37	1,41	1,41	55/F	-	90
1CC7362		3H-6-45	T	8	0,25	1,20	1,20	55/F	-	80

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
1CC7363	714 T	Lw	67	74	79	81	82	81	80	88
		Lp	46	53	58	60	61	60	59	68
1CC7364	714 T	Lw	65	72	77	79	81	81	75	87
		Lp	44	51	56	58	60	60	54	67
1CC7365	714 T	Lw	58	65	70	75	78	79	78	84
		Lp	37	44	49	54	57	58	51	64
1CC7366	716 T	Lw	56	63	68	71	73	72	72	79
		Lp	35	42	47	50	52	51	45	58
1CC7367	716 T	Lw	50	56	62	66	69	70	69	75
		Lp	29	35	41	45	48	49	48	55
1CC7360	716 T	Lw	50	56	62	67	70	70	69	76
		Lp	29	36	41	46	49	49	43	55
1CC7361	718 T	Lw	49	59	64	66	68	67	66	74
		Lp	28	38	43	45	47	46	45	53
1CC7362	718 T	Lw	51	58	63	65	67	66	66	73
		Lp	31	38	43	45	46	46	40	53



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T

Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P

N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)

Potenza
nominale motore
Motor power rating

In (A)

Corrente nominale
a pieno carico
Full load current

IP/CL

Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)

Grandezza
motore
Motor size

Lp/Lw (dBA)

Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)

Pressione
statica
Static pressure

Q (m³/h)

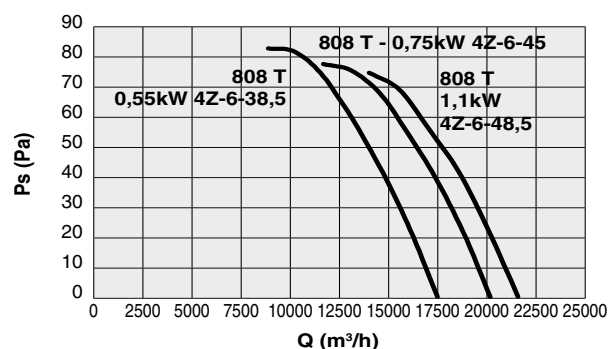
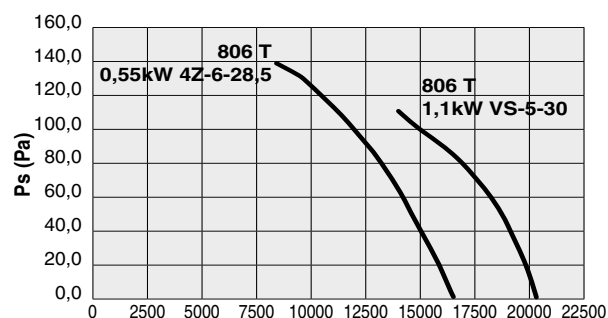
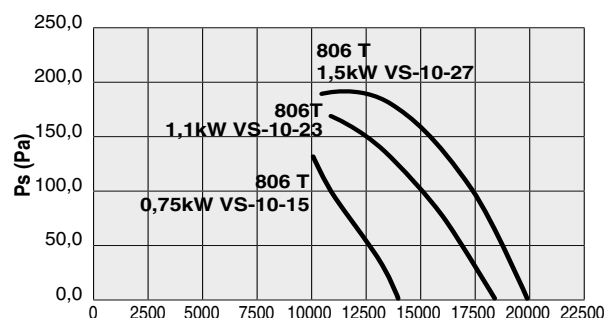
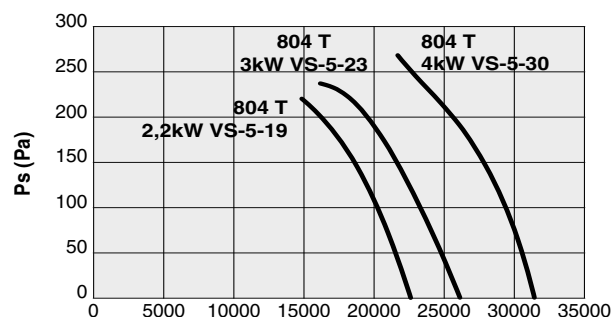
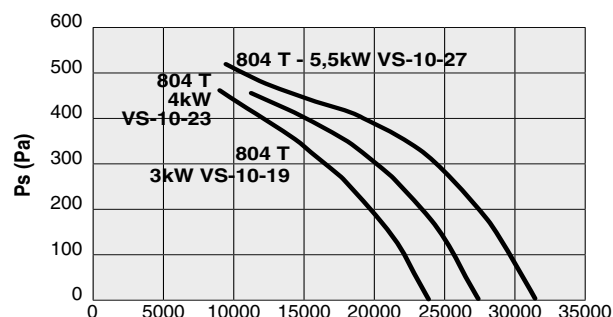
Portata
volumetrica
Airflow
volume

CC 800

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC8300	CC	804	VS-10-27	T	4	5,50	10,40	55/F	✓	132
1CC8359			VS-5-30	T	4	4,00	8,10	55/F	✓	112
1CC8303			VS-10-23	T	4	4,00	8,10	55/F	✓	112
1CC8360			VS-5-23	T	4	3,00	6,30	55/F	✓	100
1CC8310			VS-10-19	T	4	3,00	6,30	55/F	✓	100
1CC8361			VS-5-19	T	4	2,20	4,60	55/F	✓	100
1CC8305		806	VS-10-27	T	6	1,50	3,50	55/F	✓	100
1CC8363			VS-5-30	T	6	1,10	2,80	55/F	✓	90
1CC8309			VS-10-23	T	6	1,10	2,80	55/F	✓	90
1CC8362			VS-10-15	T	6	0,75	2,01	55/F	✓	90
1CC8365	808	4Z-6-28,5	T	6	0,55	1,80	55/F	-	80	
1CC8358		4Z-6-48,5	T	8	1,10	3,40	55/F	✓	100	
1CC8357		4Z-6-45	T	8	0,75	2,30	55/F	✓	100	
1CC8356		4Z-6-38,5	T	8	0,55	1,90	55/F	-	90	

LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC8300	Lw	64	75	83	85	86	86	85	79	92
	Lp	43	54	62	64	65	65	64	58	72
1CC8359	Lw	67	76	83	85	87	86	85	80	93
	Lp	46	55	62	64	66	65	64	59	72
1CC8303	Lw	61	71	76	84	86	87	86	80	92
	Lp	40	50	55	63	65	66	65	59	72
1CC8360	Lw	60	67	73	80	84	83	83	77	89
	Lp	39	46	52	59	63	62	62	56	69
1CC8310	Lw	60	71	78	86	89	88	88	81	94
	Lp	39	50	57	65	68	67	67	60	74
1CC8361	Lw	62	73	83	88	88	86	85	79	94
	Lp	41	52	62	67	67	65	64	58	73
1CC8305	Lw	54	64	70	76	78	78	77	70	84
	Lp	33	43	49	55	57	57	56	49	63
1CC8363	Lw	55	62	69	74	76	76	75	70	82
	Lp	34	41	48	53	55	55	54	49	61
1CC8309	Lw	53	62	68	75	78	78	78	71	84
	Lp	32	41	47	54	57	57	57	50	63
1CC8362	Lw	55	69	76	79	79	74	72	64	84
	Lp	34	48	55	58	58	53	51	43	63
1CC8365	Lw	56	68	82	85	82	78	76	69	89
	Lp	36	48	62	65	62	58	56	48	69
1CC8358	Lw	67	74	79	79	79	76	75	66	85
	Lp	46	53	58	58	58	55	54	46	65
1CC8357	Lw	61	68	73	74	73	71	70	62	79
	Lp	40	47	52	53	52	50	49	41	59
1CC8356	Lw	56	67	73	75	73	72	71	64	80
	Lp	35	47	52	55	53	51	50	43	60



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T
Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P
N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)
Potenza
nominale motore
Motor power rating

In (A)
Corrente nominale
a pieno carico
Full load current

IP/CL
Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)
Grandezza
motore
Motor size

Lp/Lw (dBA)
Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)
Pressione
statica
Static pressure

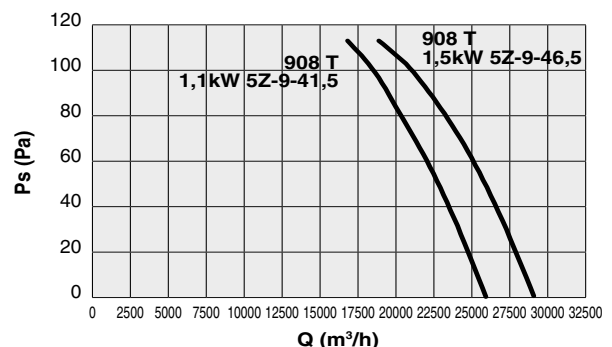
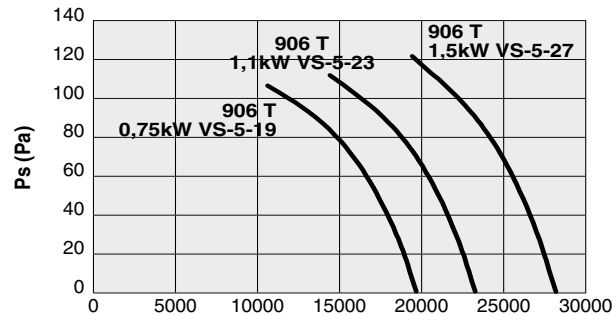
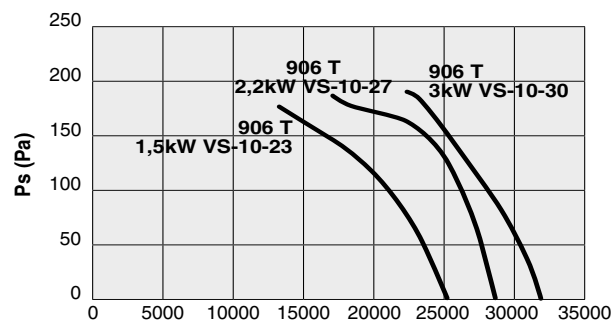
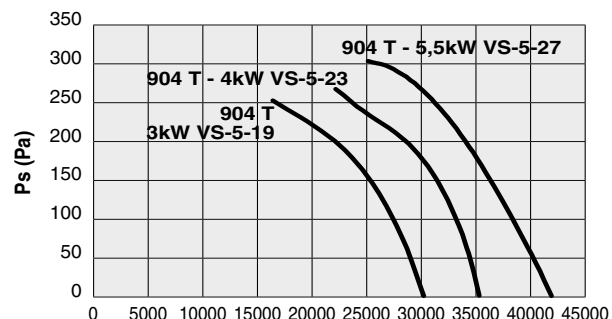
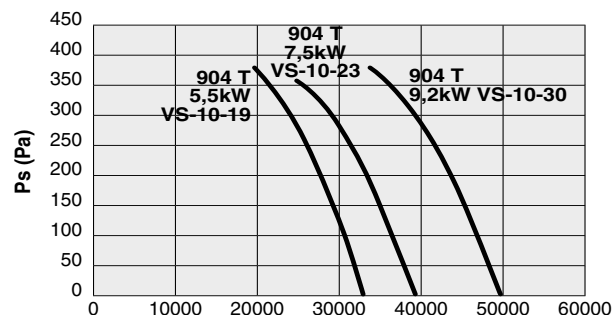
Q (m³/h)
Portata
volumetrica
Airflow
volume

CC 900

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC9174	904	VS-10-30	T	4	9,20	17,60	17,60	55/F	✓	132
1CC9175										
1CC9176										
1CC9102										
1CC9177										
1CC9178		VS-5-19	T	4	4,00	8,10	8,10	55/F	✓	112
1CC9179										
1CC9180										
1CC9182										
1CC9181										
1CC9183	906	VS-10-23	T	6	1,50	3,50	3,50	55/F	✓	100
1CC9184										
1CC9172		VS-5-23	T	6	1,10	2,80	2,80	55/F	✓	90
1CC9173										
1CC9172	908	5Z-9-46,5	T	8	1,50	4,00	4,00	55/F	✓	112
1CC9173										

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC9174	Lw	67	76	82	86	88	87	80	94
	Lp	46	55	61	65	67	66	59	73
1CC9175	Lw	65	76	82	88	90	89	88	95
	Lp	44	55	61	67	69	68	67	75
1CC9176	Lw	67	76	83	86	88	87	81	94
	Lp	46	55	62	65	67	66	60	73
1CC9102	Lw	63	75	81	88	90	89	88	95
	Lp	42	54	60	67	69	68	60	75
1CC9177	Lw	64	71	78	84	87	86	79	92
	Lp	43	50	57	63	66	65	58	72
1CC9178	Lw	64	75	82	87	88	86	80	93
	Lp	43	54	61	66	67	65	59	73
1CC9179	Lw	59	69	76	78	80	79	78	86
	Lp	38	48	55	57	59	58	50	65
1CC9180	Lw	58	69	76	79	81	80	78	86
	Lp	37	48	55	58	60	59	51	66
1CC9182	Lw	60	71	78	79	81	80	78	87
	Lp	39	50	57	58	60	59	52	66
1CC9181	Lw	56	67	74	79	81	80	79	86
	Lp	35	46	53	58	60	59	51	66
1CC9183	Lw	55	62	69	75	78	78	77	84
	Lp	34	41	48	54	57	57	50	63
1CC9184	Lw	56	67	75	80	80	78	77	86
	Lp	35	46	54	59	59	57	50	65
1CC9172	Lw	63	70	75	75	75	71	73	82
	Lp	42	49	54	55	55	51	52	61
1CC9173	Lw	57	64	69	72	74	73	72	80
	Lp	36	44	49	51	54	53	42	59



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T

Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P

N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)

Potenza
nominale motore
Motor power rating

In (A)

Corrente nominale
a pieno carico
Full load current

IP/CL

Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)

Grandezza
motore
Motor size

Lp/Lw (dBA)

Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)

Pressione
statica
Static pressure

Q (m³/h)

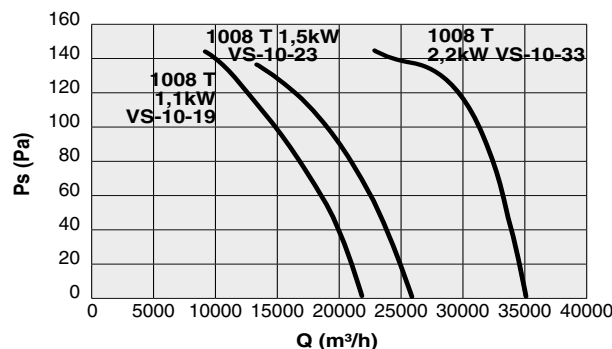
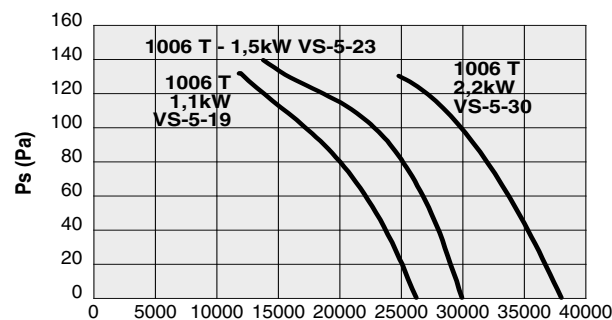
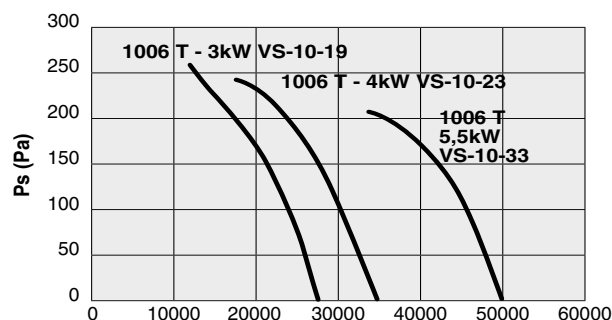
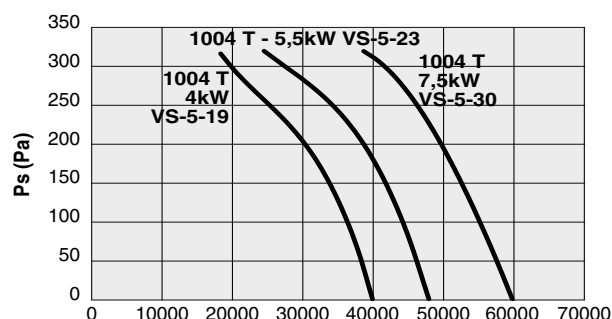
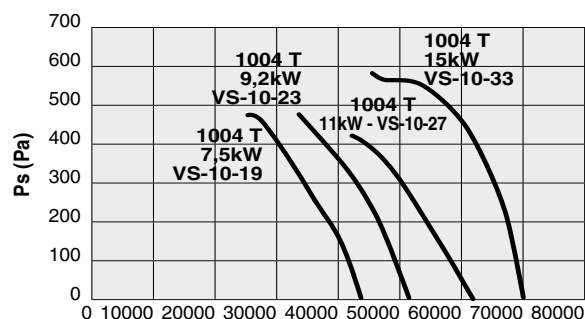
Portata
volumetrica
Airflow
volume

CC 1000

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC1023			VS-10-33	T	4	15	28,30	55/F	✓	132
1CC1169			VS-10-27	T	4	11	20,90	55/F	✓	132
1CC1024			VS-10-23	T	4	9,2	17,60	55/F	✓	132
1CC1027			VS-10-19	T	4	7,5	14,40	55/F	✓	132
1CC1190			VS-5-30	T	4	7,5	14,40	55/F	✓	132
1CC1191			VS-5-23	T	4	5,5	10,40	55/F	✓	132
1CC1192			VS-5-19	T	4	4,0	8,10	55/F	✓	112
1CC1016			VS-10-33	T	6	5,5	11,10	55/F	✓	132
1CC1163			VS-10-23	T	6	4,0	8,10	55/F	✓	132
1CC1164			VS-10-19	T	6	3,0	6,20	55/F	✓	132
1CC1193			VS-5-30	T	6	2,2	5,00	55/F	✓	112
1CC1194			VS-5-23	T	6	1,5	3,50	55/F	✓	100
1CC1195			VS-5-19	T	6	1,1	2,80	55/F	✓	90
1CC1165			VS-10-33	T	8	2,2	5,50	55/F	✓	132
1CC1166			VS-10-23	T	8	1,5	4,00	55/F	✓	112
1CC0108			VS-10-19	T	8	1,1	3,40	55/F	✓	100

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC1023	Lw	70	79	85	89	92	91	90	97
	Lp	49	58	64	68	71	70	69	77
1CC1169	Lw	70	81	87	90	92	92	90	98
	Lp	49	60	66	69	71	71	69	77
1CC1024	Lw	68	81	87	91	93	92	90	98
	Lp	47	60	66	70	72	71	69	78
1CC1027	Lw	65	78	84	91	93	91	90	98
	Lp	44	57	63	70	72	70	69	77
1CC1190	Lw	71	78	84	88	90	90	90	96
	Lp	50	57	63	67	69	69	69	76
1CC1191	Lw	70	80	86	90	92	90	90	97
	Lp	49	59	65	69	71	69	69	77
1CC1192	Lw	68	77	83	88	91	89	89	96
	Lp	47	56	62	67	70	68	68	75
1CC1016	Lw	63	73	78	81	83	83	82	89
	Lp	42	52	57	60	62	62	61	69
1CC1163	Lw	60	73	79	83	84	83	81	90
	Lp	39	52	58	62	63	62	60	69
1CC1164	Lw	56	70	75	82	84	82	81	89
	Lp	35	49	54	61	63	61	60	68
1CC1193	Lw	62	71	77	80	82	82	81	88
	Lp	41	50	56	59	61	61	60	68
1CC1194	Lw	58	66	73	78	80	80	73	87
	Lp	37	45	52	57	61	59	52	66
1CC1195	Lw	59	68	74	80	82	80	73	87
	Lp	38	47	53	59	61	59	52	67
1CC1165	Lw	56	65	70	73	77	76	69	82
	Lp	35	44	49	52	56	54	48	62
1CC1166	Lw	53	65	72	76	78	76	68	83
	Lp	32	44	51	55	57	54	47	62
1CC0108	Lw	50	62	69	76	78	76	67	83
	Lp	29	41	48	55	57	54	46	62



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T

Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P

N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)

Potenza
nominale motore
Motor power rating

In (A)

Corrente nominale
a pieno carico
Full load current

IP/CL

Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)

Grandezza
motore
Motor size

Lp/Lw (dBA)

Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)

Pressione
statica
Static pressure

Q (m³/h)

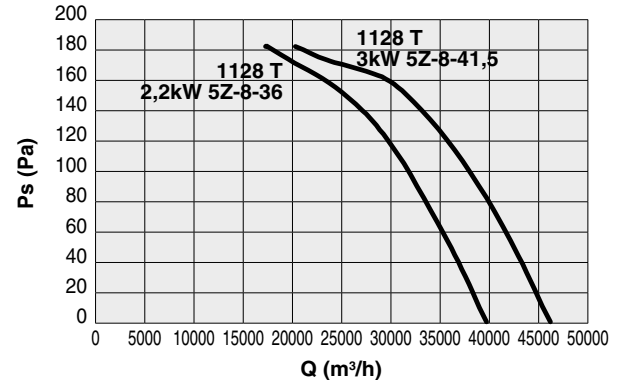
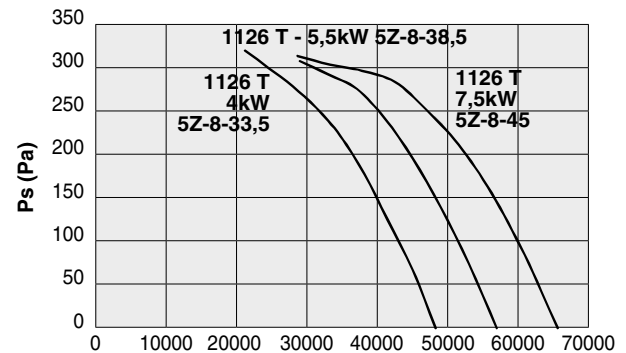
Portata
volumetrica
Airflow
volume

CC 1120

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC1173	CC	1126	5Z-8-45	T	6	7,5	24,80	55/F	✓	160
1CC1174			5Z-8-38,5	T	6	5,5	11,10	55/F	✓	132
1CC1175			5Z-8-33,5	T	6	4,0	8,10	55/F	✓	132
1CC1176	CC	1128	5Z-8-41,5	T	8	3,0	7,30	55/F	✓	132
1CC1177			5Z-8-36	T	8	2,2	5,50	55/F	✓	132

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC1173	Lw	78	85	90	88	86	84	76	95
	Lp	58	65	70	68	66	64	56	75
1CC1174	Lw	71	78	84	86	86	84	75	93
	Lp	50	57	64	65	65	63	54	72
1CC1175	Lw	68	81	90	89	90	86	75	96
	Lp	47	60	69	68	69	65	54	75
1CC1176	Lw	64	71	76	78	80	79	68	85
	Lp	43	50	55	57	59	56	47	65
1CC1177	Lw	64	76	85	83	80	78	69	90
	Lp	43	55	64	62	59	57	48	69

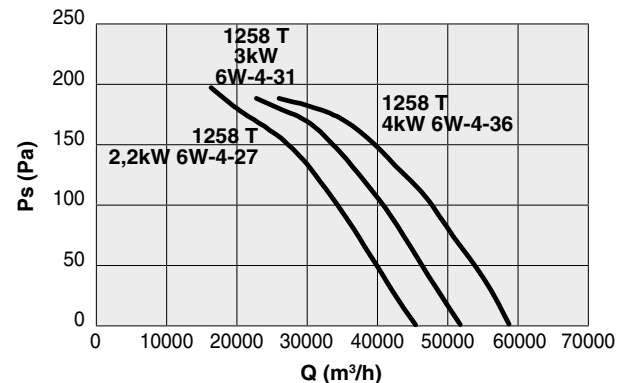
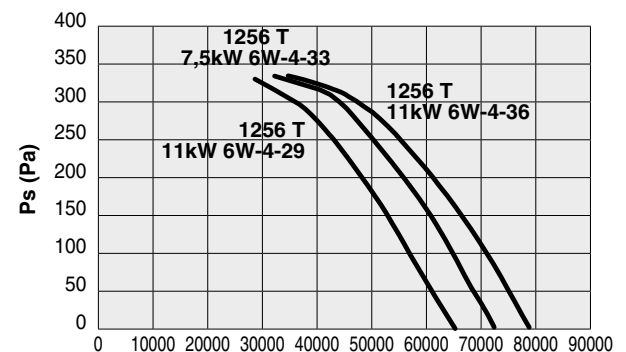


CC 1250

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC1206	CC	1256	6W-4-36	T	6	11	21,40	55/F	✓	160
1CC1207			6W-4-33	T	6	7,5	24,80	55/F	✓	160
1CC1208			6W-4-29	T	6	5,5	11,10	55/F	✓	132
1CC1209	CC	1258	6W-4-36	T	8	4,0	9,30	55/F	✓	160
1CC1210			6W-4-31	T	8	3,0	7,30	55/F	✓	132
1CC1211			6W-4-27	T	8	2,2	5,50	55/F	✓	132

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC1206	Lw	73	80	86	90	92	91	85	98
	Lp	52	59	65	69	71	70	64	77
1CC1207	Lw	71	79	85	89	92	91	85	97
	Lp	50	58	64	68	71	70	64	77
1CC1208	Lw	67	75	82	88	91	90	84	96
	Lp	46	54	61	67	70	69	63	76
1CC1209	Lw	67	73	79	83	85	85	79	91
	Lp	46	52	58	62	64	64	58	70
1CC1210	Lw	62	69	75	81	84	84	77	90
	Lp	41	48	54	60	63	63	56	69
1CC1211	Lw	61	71	80	85	86	85	79	92
	Lp	40	50	59	64	65	64	58	72



sez.
1.3

CC aspiratori | fans

PRESTAZIONI | PERFORMANCE

CC

U - M/T

Alimentazione elettrica
Monofase/Trifase
Power supply
Single/Three-phase

P

N° di poli motore
N° of motor poles
(RPM: 2p=3000 4p=1500
6p=1000 8p=750)

Pm (kW)

Potenza
nominale motore
Motor power rating

In (A)

Corrente nominale
a pieno carico
Full load current

IP/CL

Grado di protezione
motore/Classe di isolamento
Motor protection
grade/Insulation class

Mot. (Gr)

Grandezza
motore
Motor size

Lp/Lw (dBA)

Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)

Pressione
statica
Static pressure

Q (m³/h)

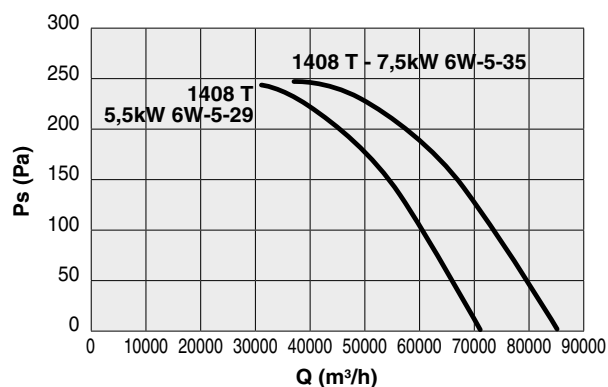
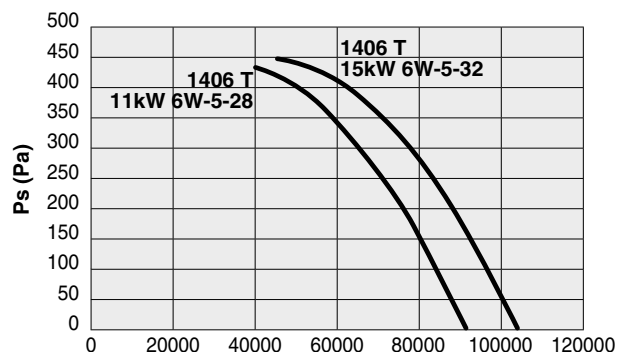
Portata
volumetrica
Airflow
volume

CC 1400

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC1402	CC	1406	6W-5-32	T	6	15	29,30	55/F	✓	180
1CC1403			6W-5-28	T	6	11	21,40	55/F	✓	160
1CC1404		1408	6W-5-35	T	8	7,5	16,40	55/F	✓	160
1CC1405			6W-5-29	T	8	5,5	12,80	55/F	✓	160

LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC1402	Lw	68	78	85	89	92	92	92	86	98
	Lp	47	57	64	68	71	71	71	65	77
1CC1403	Lw	67	78	85	90	92	91	91	85	98
	Lp	46	57	64	69	71	70	70	64	77
1CC1404	Lw	65	75	82	87	89	88	87	82	94
	Lp	44	54	61	66	68	67	66	61	74
1CC1405	Lw	60	70	77	82	84	84	85	79	90
	Lp	39	49	56	61	63	63	64	58	70

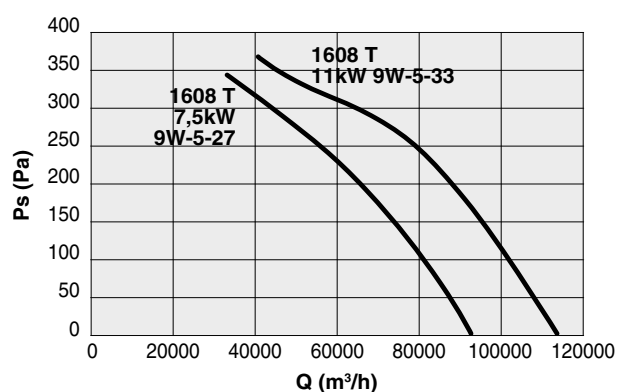
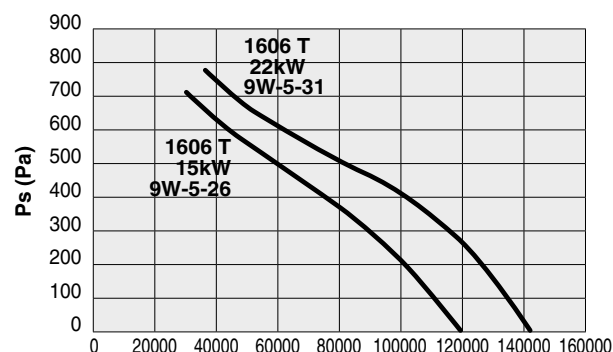


CC 1600

Code	Tipo Type	Modello Model	Girante Impeller	U	P	Pm (kW)	In (A)	IP/CL	IE3	Mot. (Gr)
1CC1601	CC	1606	9W-5-31	T	6	22	42,00	55/F	✓	200
1CC1600			9W-5-26	T	6	15	29,30	55/F	✓	180
1CC8305		1608	9W-5-33	T	8	11	23,50	55/F	✓	180
1CC8365			9W-5-27	T	8	7,5	16,40	55/F	-	160

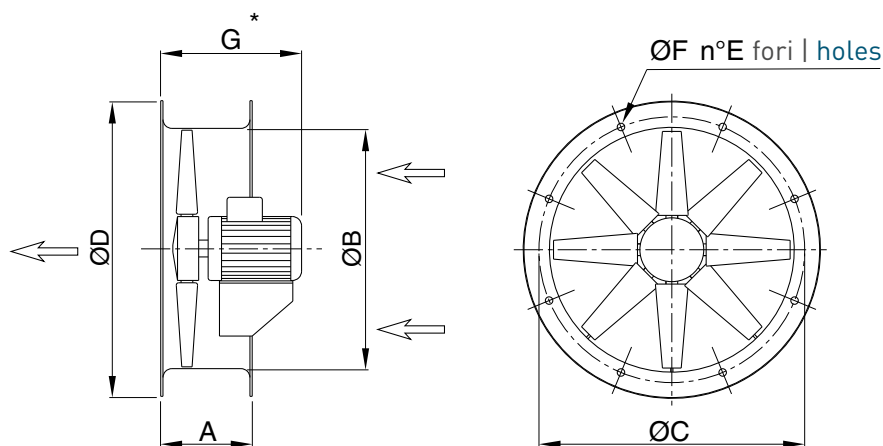
LIVELLI SONORI | SOUND LEVELS dB(A)

	Hz	63	125	250	500	1000	2000	4000	8000	TOT
1CC1601	Lw	72	83	89	94	97	97	98	93	103
	Lp	51	62	68	73	76	76	77	72	83
1CC1600	Lw	71	83	91	99	100	98	97	91	105
	Lp	50	62	70	78	79	77	76	70	85
1CC1603	Lw	67	78	85	90	92	91	92	86	98
	Lp	46	57	64	69	71	70	71	65	77
1CC1602	Lw	65	77	85	92	93	91	91	85	98
	Lp	44	56	64	71	72	70	70	64	78



sez.
1.3

CC aspiratori | fans



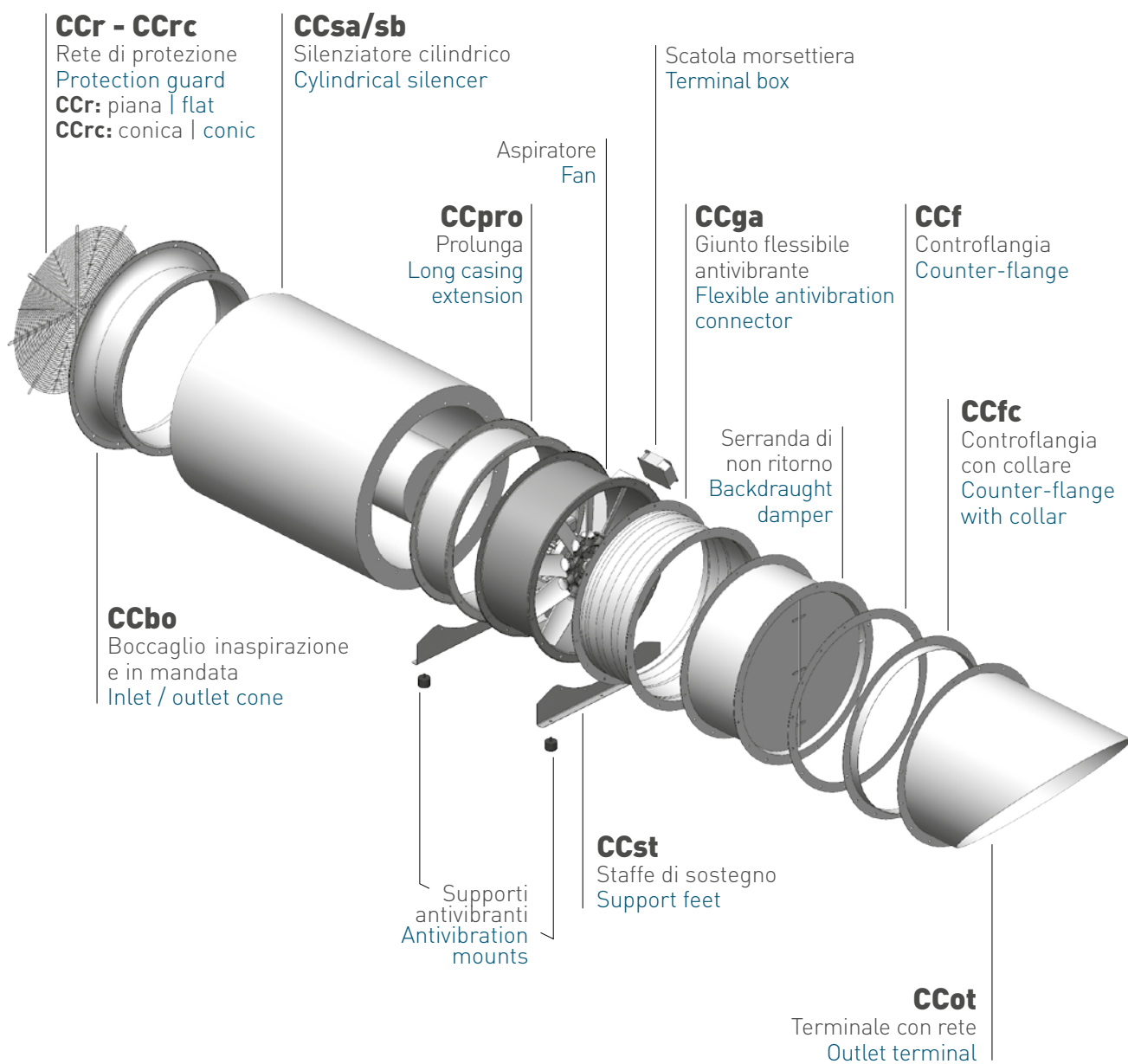
CC

TIPO TYPE	A	ØB	ØC	ØD	n°E	ØF	G*	Kg
CC 31	200	305	355	395	8	10	380	13
CC 35	200	355	395	446	8	10	380	15
CC 40	230	405	450	496	8	12	430	17
CC 45	230	455	500	546	8	12	430	19
CC 50	250	505	560	598	12	12	440	28
CC 56	250	565	620	658	12	12	440	30
CC 63	250	635	690	730	12	12	500	33
CC 71	250	708	770	810	16	12	520	52
CC 80	350	808	860	910	16	12	590	90
CC 90	350	908	970	1030	16	16	680	120
CC 100	350	1010	1070	1130	16	16	750	215
CC 112	350	1130	1190	1250	20	16	750	230
CC 125	350	1260	1320	1380	20	16	750	260
CC 140	450	1415	1470	1540	20	16	815	350
CC 160	450	1615	1680	1730	24	18	940	470

Pesi indicativi | Indicative weights

*Dimensione massima indicativa con motori standard | Indicative maximum size with standard motors.

sez.
1.3





CCr - CCrc | RETI PROTEZIONE | PROTECTION GUARDS

Salvaguardano dal contatto accidentale con le parti in movimento del ventilatore. Realizzate in filo d'acciaio, a norma UNI 12499 e protette contro gli agenti atmosferici.
CCr: versione piana (per cassa lunga e cassa corta lato girante).
CCrc: versione conica (cassa corta lato motore).

They prevent from casual contact with moving parts of the fan. Manufactured in steel rod according to UNI 12499 standard and protected against atmospheric agents.

CCr: flat version (for long case and short case on impeller side).

CCrc: conic version (short case version on motor side).

CCr

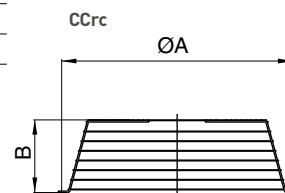
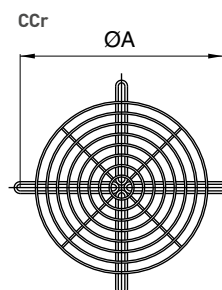
Code	Tipo Type	ØA	Kg
5RE9031	CCr 31	355	0,6
5RE9035	CCr 35	395	0,7
5RE9040	CCr 40	450	0,8
5RE9045	CCr 45	500	1,0
5RE9050	CCr 50	560	1,3
5RE9056	CCr 56	620	1,6
5RE9063	CCr 63	690	1,9
5RE9071	CCr 71	770	2,2
5RE9080	CCr 80	860	3,0
5RE9090	CCr 90	970	3,4
5RE9100	CCr 100	1070	3,5
5RE9102	CCr 112	1190	4,0
5RE9105	CCr 125	1320	4,5
5RE9110	CCr 140	1490	5,0
5RE9113	CCr 160	1690	6,0

Dimensioni in mm | Dimensions in mm

CCrc

Code	Tipo Type	ØA	B	Kg
5RE1600	CCrc 31	355	115	1
5RE1601	CCrc 35	395	115	1,1
5RE1602	CCrc 40	450	115	1,3
5RE1603	CCrc 45	500	115	1,5
5RE1604	CCrc 50	560	115	1,8
5RE1605	CCrc 56	620	115	2,2
5RE1606	CCrc 63	690	115	3
5RE1607	CCrc 71	770	150	4,5
5RE1608	CCrc 80	860	150	5,8
5RE1609	CCrc 90	970	305	7
5RE1610	CCrc 100	1070	305	8,5
5RE1611	CCrc 112	1190	305	10
5RE1612	CCrc 125	1320	305	11

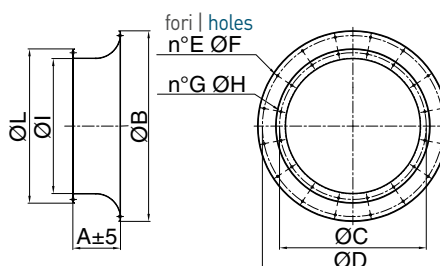
1400/1600: su richiesta | upon request



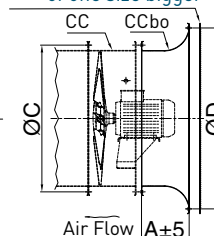
CCbo | BOCCAGLIO | INLET/OUTLET CONE

Permette un maggiore rendimento del ventilatore nel caso di bocche non canalizzate. Costruito in lamiera d'acciaio, con una flangia, realizzata a norma UNI ISO 13351:2010, per il fissaggio al tamburo dell'aspiratore e una bocca di aspirazione/diffusione ad ampio raggio con fori di fissaggio per rete CCr (di una taglia superiore, Es. CCbo 71 + CCr 80). Verniciato a polveri epossipoliestiriche.

It allows a higher fan efficiency in case of installation with inlet or outlet not ducted. Manufactured in steel sheet, with one flange according to UNI ISO 13351:2010 to be fitted to the fan, and an aerodynamically shaped bell mouth, with fixing holes for a protection guard (of one size bigger, example CCbo 71 + CCr 80). Protected against atmospheric agents by epoxy paint.



CCr di una taglia superiore
of one size bigger



Esempi di installazione
Installation example

Code	Tipo Type	A±5	ØB	ØC	ØD	E	ØF	G	ØH	ØI	ØL	Kg
5B09631	CCbo 31	130	446	355	395	8	10	8	10	307	395	4,0
5B09635	CCbo 35	130	496	395	450	8	12	8	10	357	446	4,5
5B09640	CCbo 40	130	546	450	500	8	12	8	12	407	496	5,0
5B09645	CCbo 45	130	598	500	560	12	12	8	12	457	546	5,5
5B09650	CCbo 50	140	658	560	620	12	12	12	12	507	598	6,5
5B09656	CCbo 56	140	730	620	690	12	12	12	12	567	658	7,5
5B09663	CCbo 63	140	810	690	770	16	12	12	12	637	730	8,2
5B09671	CCbo 71	180	910	770	860	16	12	16	12	708	810	11
5B09680	CCbo 80	200	1025	860	970	16	16	16	12	808	910	20,3
5B09690	CCbo 90	245	1125	970	1070	16	16	16	16	910	1030	26,8
5B09700	CCbo 100	245	1245	1070	1190	20	16	16	16	1010	1130	30,3
5B09712	CCbo 112	245	1380	1190	1320	20	16	20	16	1130	1250	34,0
5B09725	CCbo 125	245	1525	1320	1470	20	16	20	16	1260	1380	38,5
5B09740	CCbo 140	300	1735	1470	1680	24	18	20	16	1415	1540	56,5
5B09760	CCbo 160	300	1935	1680	1880	24	18	24	18	1615	1750	65,0

Dimensioni in mm | Dimensions in mm

N.B.: Il flusso dell'aria potrebbe cambiare da girante a motore | Airflow direction could vary from impeller to motor.

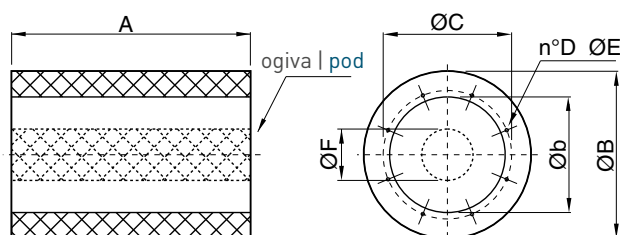


CCsa | CCsb | SILENZIATORI CILINDRICI | CYLINDRICAL SILENCERS

I silenziatori cilindrici CCs sono disponibili in due versioni, senza ogiva (CCsa) e con ogiva (CCsb). La presenza dell'ogiva permette una maggiore attenuazione della rumorosità ma genera una perdita di carico aggiuntiva nell'impianto. Entrambe le versioni possono essere fissate alla flangia dell'aspiratore corrispondente sia in aspirazione sia in mandata. La serie CCsa non genera perdite di carico aggiuntive. La serie CCsb, comporta una perdita di carico nella misura evidenziata nel diagramma. È possibile fornire i silenziatori in versione di lunghezza pari a 1 - 1,5 - 2 volte il diametro (b). Questi silenziatori sono costruiti completamente in lamiera zincata, la parte interna e l'ogiva in lamiera forata al fine di permettere, efficacemente, l'azione del materassino fonoassorbente in lana minerale. La temperatura d'esercizio è compresa fra -40 e +150°C.

The cylindrical silencers CCs are available in two versions, without pod (CCsa) and with pod (CCsb). The presence of the pod allows a higher noise attenuation, but creates an additional pressure drop in the system. Both the versions can be fixed to the corresponding flange of the fan in inlet and outlet. The CCsa series doesn't create additional losses. The CCsb series gives an additional loss, as shown in the diagram.

Silencers can be provided with length equal to 1 - 1,5 - 2 times the diameter (b). These silencers are manufactured completely in galvanized steel. The internal part and the pod are made in perforated sheet, to effectively allow the sound absorption of the acoustic lining in mineral wool. The working temperature is included from -40°C and +150°C.



CCsa / CCsb

Tipo Type	ØB	Øb	ØC	D	ØE	ØF
31	455	315	355	8	M8	140
35	495	355	395	8	M8	200
40	540	400	450	8	M10	200
45	610	450	500	8	M10	245
50	660	500	560	12	M10	245
56	720	560	620	12	M10	295
63	790	630	690	12	M10	295
71	870	710	770	16	M10	380
80	1000	800	860	16	M10	380
90	1100	900	970	16	M12	380
100	1200	1000	1070	16	M12	650
112	1320	1120	1190	20	M12	650
125	1450	1250	1320	20	M12	650

Dimensioni in mm - Codici a richiesta
Dimensions in mm - Item code upon request

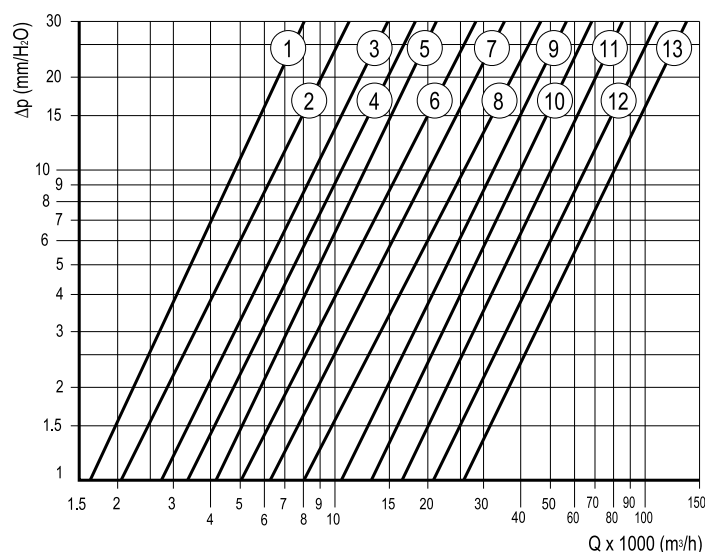
CCsa

Tipo Type	A 1Ø	Kg	A 1,5Ø	Kg	A 2Ø	Kg
CCsa 31	315	8	472	11	630	14
CCsa 35	355	10	532	14	710	17
CCsa 40	400	12	600	17	800	21
CCsa 45	450	15	675	20	900	24
CCsa 50	500	18	750	25	1000	32
CCsa 56	560	21	840	28	1120	35
CCsa 63	630	24	945	33	1260	43
CCsa 71	710	35	1065	49	1420	63
CCsa 80	800	43	1200	61	1600	79
CCsa 90	900	70	1350	94	1800	112
CCsa 100	1000	113	1500	137	2000	161
CCsa 112	1120	130	1680	154	2240	178
CCsa 125	1250	152	1875	185	2500	213

CCsb

Tipo Type	A 1Ø	Kg	A 1,5Ø	Kg	A 2Ø	Kg
CCsb 31	315	10	472	14	630	16
CCsb 35	355	12	532	16	710	18
CCsb 40	400	14	600	21	800	26
CCsb 45	450	17	675	24	900	29
CCsb 50	500	23	750	32	1000	39
CCsb 56	560	28	840	37	1120	44
CCsb 63	630	32	945	44	1260	55
CCsb 71	710	44	1065	62	1420	78
CCsb 80	800	56	1200	79	1600	101
CCsb 90	900	130	1350	153	1800	175
CCsb 100	1000	143	1500	180	2000	216
CCsb 112	1120	165	1680	202	2240	238
CCsb 125	1250	193	1875	240	2500	282

CCsb | DIAGRAMMA perdita di carico SILENZIATORI | SILENCER with pod loss charge DIAGRAM



N.B.: Versioni senza ogiva (CCsa) hanno perdita di carico irrilevante.
Without pod (CCsa) loss charge irrelevant.

CCsb

Tipo Type	n°
CCsb 31	1
CCsb 35	2
CCsb 40	3
CCsb 45	4
CCsb 50	5
CCsb 56	6
CCsb 63	7
CCsb 71	8
CCsb 80	9
CCsb 90	10
CCsb 100	11
CCsb 112	12
CCsb 125	13



SILENZIATORI CILINDRICI

Cylindrical silencers

CCsa silenzatori senza ogiva | without pod

Attenuazione in dB per banda di ottava (Hz)
Octave spectrum (Hz) of noise attenuation in dB

A= 1 x Øb								
Tipo Type	63	125	250	500	1K	2K	4K	8K
31	1	1	3	8	14	9	8	7
35	0	0	3	9	14	10	8	6
40	0	0	4	10	13	8	8	5
45	1	1	4	12	12	9	6	6
50	0	0	4	13	11	9	6	5
56	0	0	4	14	11	8	5	4
63	1	1	5	14	10	9	5	5
71	1	1	5	12	9	7	5	5
80	2	3	7	9	8	6	5	4
90	2	3	7	13	8	6	5	4
100	2	3	8	12	8	4	4	4
112	2	3	8	13	7	5	4	3
125	2	3	9	13	7	4	4	3

A= 1,5 x Øb								
Tipo Type	63	125	250	500	1K	2K	4K	8K
31	1	2	5	12	19	13	11	8
35	0	0	5	12	21	13	11	9
40	1	1	5	14	19	12	10	8
45	1	1	6	17	17	13	9	8
50	1	1	6	18	17	12	9	7
56	1	2	7	20	15	11	8	5
63	1	2	7	20	14	12	8	6
71	2	2	7	18	11	9	6	7
80	2	5	10	13	12	9	7	7
90	2	5	11	16	11	7	7	5
100	2	5	12	17	10	6	6	5
112	3	5	12	18	8	6	5	4
125	3	6	12	17	8	5	5	4

A= 2 x Øb								
Tipo Type	63	125	250	500	1K	2K	4K	8K
31	4	6	6	16	26	17	13	9
35	0	2	6	15	25	16	12	10
40	0	2	7	18	24	15	12	9
45	0	1	7	21	21	15	10	8
50	1	2	8	23	21	14	11	8
56	1	1	9	24	19	14	10	7
63	1	2	9	25	17	14	10	7
71	2	4	9	24	14	11	8	8
80	4	6	13	22	14	10	9	7
90	4	6	14	23	13	9	7	6
100	4	6	16	23	12	7	7	6
112	4	6	15	23	10	7	6	6
125	5	8	17	22	10	6	6	5

CCsb silenzatori con ogiva | with pod

Attenuazione in dB per banda di ottava (Hz)
Octave spectrum (Hz) of noise attenuation in dB

A= 1 x Øb								
Tipo Type	63	125	250	500	1K	2K	4K	8K
31	0	1	4	9	16	17	13	10
35	0	0	4	11	22	21	15	12
40	0	1	4	11	20	18	14	11
45	0	1	6	14	21	19	13	9
50	1	2	5	13	20	16	11	8
56	1	1	6	15	21	17	11	8
63	1	1	6	15	19	16	10	8
71	1	2	7	15	20	18	12	10
80	2	3	9	12	17	15	9	8
90	2	4	8	15	16	11	8	7
100	4	8	14	20	24	21	14	10
112	4	6	13	20	21	14	8	7
125	4	7	12	18	19	10	6	6

A= 1,5 x Øb								
Tipo Type	63	125	250	500	1K	2K	4K	8K
31	2	4	5	13	23	26	18	12
35	1	1	7	15	33	32	22	17
40	1	2	6	15	31	27	19	14
45	1	2	7	19	31	28	18	12
50	2	3	7	19	29	24	14	10
56	2	3	9	22	32	27	15	11
63	2	2	9	22	29	23	14	10
71	2	3	11	22	31	25	13	11
80	3	6	13	18	26	22	12	11
90	3	5	12	20	24	16	10	9
100	6	10	22	30	37	29	16	12
112	6	10	19	29	33	20	11	10
125	6	10	18	26	29	14	9	7

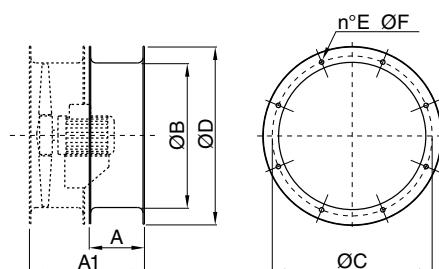
A= 2 x Øb								
Tipo Type	63	125	250	500	1K	2K	4K	8K
31	3	6	7	17	32	33	22	17
35	1	2	8	19	40	39	27	20
40	1	2	9	20	37	35	23	16
45	2	3	10	23	39	36	21	15
50	2	3	10	24	38	32	18	12
56	1	2	12	27	41	35	18	12
63	2	3	11	27	37	29	15	12
71	3	5	14	29	41	32	18	15
80	3	6	16	29	35	26	15	12
90	4	7	17	30	34	20	12	11
100	7	13	28	39	47	38	19	13
112	8	14	26	36	42	24	13	11
125	7	13	25	35	37	17	11	9



CCpro | PROLUNGA | LONG CASING EXTENSION (solo per | only for CC)

Permette la realizzazione, anche in sito, della versione a cassa lunga con girante e motore completamente protetti dalla cassa del ventilatore. Costruita in lamiera d'acciaio, con flange di fissaggio realizzate a norma UNI ISO 13351:2010. Verniciata a polveri epossipoliesteriche. Completa di portellina d'ispezione e fori per passaggio cavi.

Turns the standard short case execution into a long case version, also at site, with impeller and motor completely protected inside the casing. Manufactured in steel sheet, with fixing flanges according to UNI ISO 13351:2010 standard. Protected against atmospheric agents by epoxy-paint. Complete of inspection porthole and holes for cable.



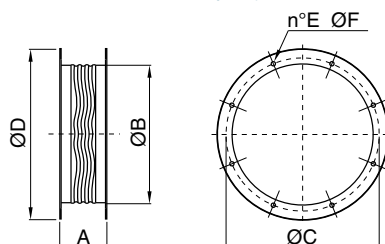
Code	Tipo Type	A	A1	ØB	ØC	ØD	E	ØF	Kg
1CC9313	CCpro 31	180	380	305	355	395	8	10	4
1CC9351	CCpro 35	180	380	355	395	446	8	10	5
1CC9402	CCpro 40	200	430	400	450	496	8	12	6
1CC9451	CCpro 45	200	430	450	500	546	8	12	7
1CC9502	CCpro 50	200	450	500	560	598	12	12	8
1CC9561	CCpro 56	200	450	560	620	658	12	12	9
1CC9632	CCpro 63	240	490	630	690	730	12	12	11
1CC9712	CCpro 71	280	530	710	770	810	16	12	13
1CC9802	CCpro 80	240	590	800	860	910	16	12	20
1CC9901	CCpro 90	340	690	900	970	1030	16	16	31
1CC9912	CCpro 100	410	760	1000	1070	1130	16	16	39
1CC9921	CCpro 112	410	760	1120	1190	1250	20	16	58
1CC9927	CCpro 125	410	760	1250	1320	1380	20	16	65
1CC9930	CCpro 140	510	960	1415	1470	1540	20	16	88
1CC9931	CCpro 160	510	960	1615	1680	1730	24	18	98

I codici riportati sono quelli della prolunga montata.
The reported item codes are relative to the assembled extension.

CCga | GIUNTO ANTIVIBRANTE | FLEXIBLE CONNECTORS

Impedisce la propagazione delle vibrazioni sulla canalizzazione. Costruito con due flange in lamiera d'acciaio, realizzate a norma UNI ISO 13351:2010 per il fissaggio al ventilatore e al canale, ed un nastro di collegamento flessibile e robusto. Temperature d'utilizzo -30°C +80°C. Parti in lamiera verniciate a polveri epossipoliesteriche. Per temperature d'utilizzo diverse sono previste costruzioni speciali.

It prevents the propagation of vibrations along the ducted system. Manufactured with two flanges in steel sheet, according to UNI ISO 13351:2010 standard for fixing to the fan and to the duct, and a strong flexible fabric joint. Working temperatures from -30°C to +80°C. Components in steel sheet protected against atmospheric agents by epoxy paint. Special executions are available for different working temperatures.



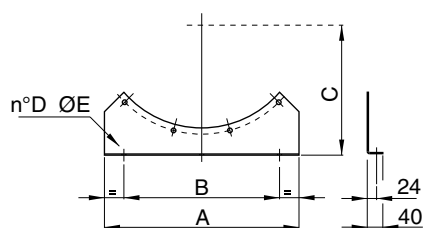
Code	Tipo Type	A	ØB	ØC	ØD	E	ØF	Kg
1SU5310	CCga 31	200	305	355	395	8	10	5
1SU5350	CCga 35	200	355	395	446	8	10	6
1SU5400	CCga 40	200	405	450	496	8	12	7
1SU5450	CCga 45	200	455	500	546	8	12	8
1SU5500	CCga 50	200	505	560	598	12	12	9
1SU5560	CCga 56	200	565	620	658	12	12	10
1SU5630	CCga 63	200	635	690	730	12	12	11
1SU5710	CCga 71	200	708	770	810	16	12	13
1SU5800	CCga 80	200	808	860	910	16	12	21
1SU5900	CCga 90	200	908	970	1030	16	16	23
1SU6000	CCga 100	200	1010	1070	1130	16	16	26
1SU6120	CCga 112	200	1130	1190	1250	20	16	29
1SU6125	CCga 125	200	1260	1320	1380	20	16	32

Dimensioni in mm | Dimensions in mm
1400/1600: su richiesta | upon request

CCst | STAFFE DI SOSTEGNO | SUPPORT FEET

Consentono l'ancoraggio del ventilatore a pavimento o soffitto. Realizzate in lamiera d'acciaio e verniciate a polveri epossipoliesteriche. Fornite a coppia.

Suitable to fasten the fan on the floor or to the ceiling. Manufactured in steel sheet and protected against atmospheric agents by epoxy paint. Supplied in sets of 2.



Code*	Tipo Type	A	B	C	D	ØE	Kg**
1ST0310	CCst 31	320	200	280	2	10	1,1
1ST0350	CCst 35	350	250	300	2	10	1,25
1ST0400	CCst 40	400	300	320	2	10	1,3
1ST0450	CCst 45	450	350	350	2	10	1,5
1ST0500	CCst 50	500	400	380	2	10	2,1
1ST0560	CCst 56	560	460	410	2	10	2,5
1ST0630	CCst 63	630	480	450	2	10	2,8
1ST0710	CCst 71	710	550	490	2	10	3,1
1ST0800	CCst 80	800	660	540	3	14	3,7
1ST0900	CCst 90	900	760	600	3	14	4,5
1ST1000	CCst 100	1000	860	640	3	14	4,8
1ST1120	CCst 112	1120	980	710	3	14	6,8
1ST1250	CCst 125	1250	950	770	3	14	7,8
1ST1400	CCst 140	1400	1100	850	3	14	11
1ST1600	CCst 160	1600	1300	960	3	16	21,5

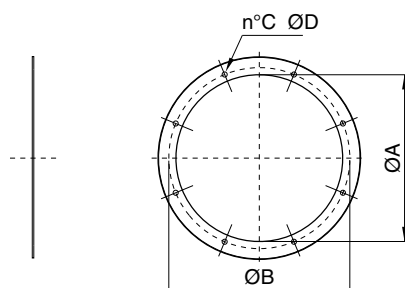
Dimensioni in mm - * Codice della coppia - ** Peso di una staffa
Dimensions in mm - *Item code of the set of 2 - **Weight of a single support



CCf | CONTROFLANGIA | COUNTER FLANGE

Piastra a forma di anello provvista di fori a norma UNI ISO 13351:2010. Viene utilizzata per facilitare il collegamento tra l'aspiratore e il condotto.

Ring plate with holes according to UNI ISO 13351:2010 standard, compatible with fan flange. It is used for easier connection between the fan and the duct.



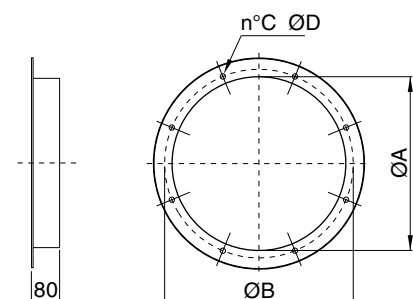
Code	Tipo Type	ØA	ØB	C	ØD	Kg
5B01031	CCf 31	315	355	8	10	1,2
5B01035	CCf 35	350	395	8	10	1,5
5B01040	CCf 40	400	450	8	12	1,7
5B01045	CCf 45	450	500	8	12	1,9
5B01050	CCf 50	500	560	12	12	2,1
5B01056	CCf 56	560	620	12	12	2,4
5B01063	CCf 63	630	690	12	12	2,7
5B01071	CCf 71	710	770	16	12	3,3
5B01081	CCf 80	800	860	16	12	3,7
5B01092	CCf 90	900	970	16	16	4,7
5B01110	CCf 100	1000	1070	16	16	5,2
5B01212	CCf 112	1120	1190	20	16	6,5
5B01210	CCf 125	1250	1320	20	16	8
-	CCf 140	1415	1470	20	16	10
-	CCf 160	1615	1680	24	18	12

Dimensioni in mm | Dimensions in mm
1400/1600: su richiesta | upon request

CCfc | GIUNTO ANTIVIBRANTE | FLEXIBLE CONNECTORS

Controflangia a forma di anello con collare, provvista di fori a norma UNI ISO 13351:2010. Viene utilizzata per facilitare il collegamento tra il canale ed il ventilatore.

Counter flange with holes, according to UNI ISO 13351:2010. It is used for easier connection between the fan and the duct.

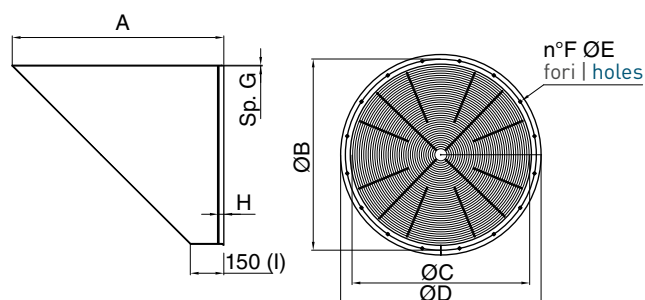


Code	Tipo Type	ØA	ØB	C	ØD	Kg
5B01531	CCfc 31	305	355	8	10	1,3
5B01535	CCfc 35	355	395	8	10	1,5
5B01540	CCfc 40	405	450	8	12	1,7
5B01545	CCfc 45	455	500	8	12	2
5B01550	CCfc 50	505	560	12	12	2,2
5B01556	CCfc 56	565	620	12	12	2,5
5B01563	CCfc 63	635	690	12	12	2,9
5B01571	CCfc 71	710	770	16	12	3,3
5B01580	CCfc 80	808	860	16	12	3,8
5B01590	CCfc 90	908	970	16	16	4,2
5B01600	CCfc 100	1010	1070	16	16	5
5B01620	CCfc 112	1130	1190	20	16	5,8
5B01625	CCfc 125	1260	1320	20	16	6,5

Dimensioni in mm | Dimensions in mm
1400/1600: su richiesta | upon request

CCot | TERMINALE CON RETE | OUTLET TERMINAL

Terminale parapioggia con rete di protezione.
Outlet terminal with protection guard.



(l) 200 mm da CCot 1000 a CCot 1600
200 mm from CCot 1000 to CCot 1600

Code	Tipo Type	A	ØB	ØC	ØD	ØE	F	G	H	Kg
5TR0500	CCot 400	550	450	400	503	8	12	20/10	20	10
5TR0501	CCot 450	600	500	450	553	8	12	20/10	20	11
5TR0502	CCot 500	655	560	500	603	12	12	20/10	20	12,5
5TR0503	CCot 560	710	620	560	663	12	12	20/10	20	15
5TR0504	CCot 630	785	690	630	733	12	12	20/10	20	18
5TR0505	CCot 710	865	770	710	813	16	12	20/10	25	22
5TR0506	CCot 800	950	860	800	903	16	12	30/10	25	39
5TR0507	CCot 900	1050	970	900	1013	16	16	30/10	25	48
5TR0508	CCot 1000	1200	1070	1000	1113	16	16	30/10	30	65
5TR0509	CCot 1120	1325	1190	1120	1233	20	16	30/10	30	79
5TR0510	CCot 1250	1455	1320	1250	1367	20	16	30/10	30	95
-	CCot 1400	1465	1470	1400	1525	20	16	30/10	30	108
-	CCot 1600	1500	1680	1600	1725	24	16	30/10	30	128

Dimensioni in mm | Dimensions in mm
1400/1600: su richiesta | upon request