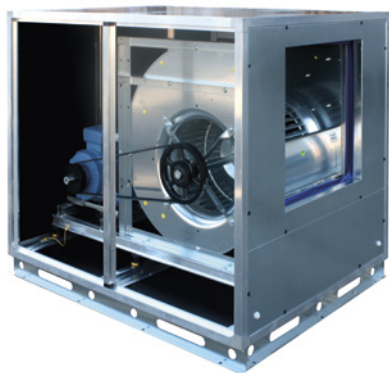




BOX T ATEX

Aspiratori cassonati a doppia aspirazione a trasmissione Belt driven double inlet box fans



Zone 22 II3D Ex h IIBB T135°C Dc
DUST

NORME | NORMS

EN 14986:2017
EN 1127-1
EN ISO 80079-36
EN ISO 80079-37

DESCRIZIONE

Aspiratori cassonati a doppia aspirazione e a trasmissione costruiti in conformità con la Direttiva ATEX 2014/34/UE e adatti per ambienti dove la presenza di polveri combustibili renda necessario garantire una corretta estrazione d'aria evitando rischi di esplosione, in particolare negli impianti certificati ATEX in categoria 3, zona 22, (3D). Indicati negli impianti in cui si deve effettuare ricambio d'aria abbattendo il livello sonoro. Adatti per aria pulita con temperatura da -20°C a +40°C.

COSTRUZIONE

- Telaio in profilo d'alluminio e pannelli smontabili in lamiera zincata. Presenza di un pannello d'ispezione con maniglie ergonomiche per facilitare l'accessibilità. Unità ventilante con boccaglio in ottone.
- Materassino fonoassorbente di spessore 20 mm, realizzato in poliuretano espanso autoestinguente (grado HF1 secondo lo standard UL94) con film protettivo in PU liscio, che permette una facile pulizia.
- Ventilatore centrifugo ad alte prestazioni, doppia aspirazione con girante pale avanti per azionamento a trasmissione, accoppiato al motore mediante cinghie trapezoidali e pulegge.
- Cinghie trapezoidali in EPDM con tecnologia innovativa a fianchi nudi ESENTE DA MANUTENZIONE.
- Pulegge a gole trapezoidali costruite in ghisa con trattamento protettivo di fosfatazione e bilanciate staticamente, bussole coniche in ghisa con alesaggi ISO G7.
- Unità ventilante e motore sostenuti da un basamento in profili di alluminio, isolati dalla struttura mediante supporti antivibranti e giunto flessibile sulla mandata, questo garantisce l'assorbimento delle vibrazioni in funzione di una corretta ripartizione dei pesi all'interno dell'unità ventilante. Supporti antivibranti in elastomero per le taglie da 7/7 al 12/12 mentre in molla dal 15/15 al 630.
- Motore montato su una slitta tendicinghia per facilitare la manutenzione ed eventuale sostituzione.

MOTORE

Motore antideflagrante asincrono trifase a norme internazionali IEC 60034, IEC 60072, ATEX 2014/34/UE, EMC 2014/30/UE, LVD 2014/35/UE, marcato CE, IP66 secondo la EN ISO 20653, classe F. Idoneo ad un servizio continuo (S1). Specificamente progettato per installazione in ambienti classificati come zona ATEX 22 II3D (POLVERI) IIIC, apparecchiature protette mediante custodie con requisiti di tenuta alla penetrazione della polvere "tb" in accordo allo standard CEI EN IEC 60079-0, CEI EN 60079-31. Motore dotato di sistema di protezione da sovratemperatura con termistori tipo PTC conformi alle norme DIN 44081, DIN 44082, IEC 60034-11-2 e idoneo alla regolazione di velocità a mezzo di regolatore tipo inverter.

ACCESSORI

- TPCR - Terminale con rete
- TPSR - Terminale senza rete
- Piede per BOX T FC 7/7 al 12/12
- Tettuccio parapigioggia
- Interruttore di servizio ATEX (a richiesta).

DESCRIPTION

Belt driven double inlet box fans built in compliance with the ATEX Directive 2014/34/ EU and suitable for environments where the presence of combustible dusts makes it necessary to ensure correct air extraction avoiding the risk of explosion, in particular in ATEX certified systems in category 3, zone 22, (3D). Suitable for plants where air exchange must be carried out by reducing the noise level. Suitable for clean air with temperatures from -20°C to +40°C.

CONSTRUCTION

- Frame in extruded aluminium profiles and removable panels in galvanized steel sheet. Provided with an inspection panel with ergonomic handles to facilitate accessibility. Fan unit inlet in brass.
- 20 mm thick sound-absorbing lining, made of self-extinguishing expanded polyurethane (HF1 grade according to UL94 standard) with smooth PU protective film, which allows easy cleaning.
- High performance centrifugal fan, double inlet with forward-curved blade impeller for transmission drive, coupled to the motor by trapezoidal belts and pulleys.
- Trapezoidal EPDM belts with innovative technology with bare sides MAINTENANCE-FREE.
- Pulleys with trapezoidal grooves built in cast iron with protective phosphating treatment and statically balanced, cast iron conical bushes with ISO G7 bores.
- Fan and motor unit supported by a base in aluminum profiles, insulated from the structure by anti-vibration supports and flexible joint on the delivery, this guarantees the absorption of the vibrations according to a correct distribution of the weights inside the ventilating unit. Anti-vibration mountings in elastomer for sizes from 7/7 to 12/12 while in spring from 15/15 to 630.
- Motor mounted on a belt tensioner slide to facilitate maintenance and possible replacement.

MOTOR

Explosion-proof asynchronous three-phase motor compliant with international standards IEC 60034, IEC 60072, ATEX 2014/34/ EU, EMC 2014/30/UE, LVD 2014/35/UE, CE marked, IP66 to EN ISO 20653, class F. Suitable for continuous service (S1). Specifically designed for installation in environments classified as ATEX zone 22 II3D (DUST) IIIC, equipment protected by enclosures with dust penetration tightness requirements "tb" according to CEI EN IEC 60079-0, CEI EN 60079-31. The motor includes an overtemperature protection system equipped with PTC thermistors in accordance with DIN 44081, DIN 44082, IEC 60034-11-2 and suitable for speed regulation by inverter-type controller (for three-phase version).

ACCESSORIES

- TPCR - Outlet connector with net
- TPSR - Outlet connector without net
- Feet for BOX T FC 7/7 to 12/12
- Rainproof cover
- ATEX service switch (on request).

VERSIONI | VERSIONS



BOX T ATEX
Zone 2
II3G Ex h IIB T4 Gc
GAS

PRESTAZIONI | PERFORMANCE

BOX T ATEX

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 AMCA 300-08 in camera riverberante.
Installazione C.
Le tolleranze sono conformi alla ISO 13348 e alla DIN 24166.
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 AMCA 300-08 in reverberating room.
Installation C.
Tolerances comply with ISO13348 and DIN 24166.
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

LIMITI D'IMPIEGO | OPERATIONAL LIMITS

Modello Model	Potenza motore Motor power		Giri del ventilatore Fan RPM		Portata d'aria Airflow	
	Min (kW)	Max (kW)	Min (rpm)	Max (rpm)	Min (m³/h)	Max (m³/h)
BOX T ATEX 7/7	0.25	1.1	1000	1900	1000	3600
BOX T ATEX 9/7	0.25	1.5	800	1800	1000	4400
BOX T ATEX 9/9	0.25	1.5	800	1700	1200	5400
BOX T ATEX 10/8	0.25	2.2	700	1700	1200	6200
BOX T ATEX 10/10	0.25	2.2	700	1700	1500	6800
BOX T ATEX 12/9	0.37	3	650	1500	1750	8500
BOX T ATEX 12/12	0.37	3	650	1500	2000	9500
BOX T ATEX 15/15	1.1	4	600	1200	3150	14500
BOX T ATEX 18/18	1.1	7.5	500	1100	4000	20700
BOX T ATEX 500	2.2	7.5	500	1000	7500	27500
BOX T ATEX 560	3	15	450	850	8000	39000
BOX T ATEX 630	3	15	450	750	12000	47000

I dati riportati nella tabella dei limiti d'impiego sono puramente indicativi delle prestazioni massime a fine curva.
Per una accurata selezione, far riferimento alle curve prestazionali o contattare il nostro ufficio tecnico-commerciale.
The operational limits reported in the tab are merely indicative of the maximum performances at the end of the curve.
For an accurate selection, refer to the curves or contact our technical department.

A RICHIESTA | UPON REQUEST

- Versione con motori trifase doppia polarità (4/6 poli).
- Versione con motore asincrono monofase, IP55, classe F.
- Pannelli in INOX.
- Doppia pannellatura (spessore disponibile: 23 mm)
- Versioni a 60Hz.
- Classi di temperatura T5 e T6.
- Version with three-phase double polarity motor (4/6 poli).
- Asynchronous mono-phase motors, IP 55, class F.
- Panels in INOX.
- Double skin panels (available thickness: 23 mm)
- Versions at 60 Hz.
- Temperature classes T5 and T6.

PRESTAZIONI | PERFORMANCE

BOX T ATEX

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

NB

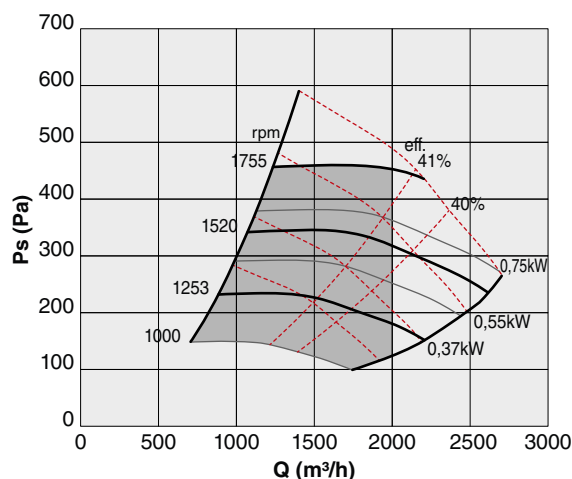
Le prestazioni aerauliche (m³/h e Pa) riportate in tabella indicano un punto di lavoro consigliato.
The aeraulic performances (m³/h and Pa) shown in the tables indicate a recommended working point.

BOX T ATEX 7/7

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9260	BOX T ATEX 7/7 - 037 kW - 1253 RPM	T	4	0.37	1.50	2000	180	-	55/F
1BT9261	BOX T ATEX 7/7 - 055 kW - 1360 RPM	T	4	0.55	1.70	2000	232	-	55/F
1BT9262	BOX T ATEX 7/7 - 055 kW - 1520 RPM	T	4	0.55	1.70	2000	310	-	55/F
1BT9263	BOX T ATEX 7/7 - 075 kW - 1576 RPM	T	4	0.75	2.20	2000	350	✓	55/F
1BT9264	BOX T ATEX 7/7 - 075 kW - 1755 RPM	T	4	0.75	2.20	2000	450	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 7/7 - 037 kW - 1253 RPM	Lw	48	61	67	64	64	61	56	57	71
	Lp 3 mt	28	41	46	43	43	40	36	37	51
BOX T ATEX 7/7 - 055 kW - 1360 RPM	Lw	50	62	70	71	68	66	61	58	75
	Lp 3 mt	30	41	49	50	47	45	40	37	55
BOX T ATEX 7/7 - 055 kW - 1520 RPM	Lw	50	63	69	65	66	63	58	60	73
	Lp 3 mt	30	43	48	45	46	42	38	40	53
BOX T ATEX 7/7 - 075 kW - 1576 RPM	Lw	53	63	73	75	70	69	64	59	79
	Lp 3 mt	32	43	52	54	50	49	43	39	58
BOX T ATEX 7/7 - 075 kW - 1755 RPM	Lw	52	65	71	67	69	65	61	62	75
	Lp 3 mt	32	45	50	47	48	44	40	42	55

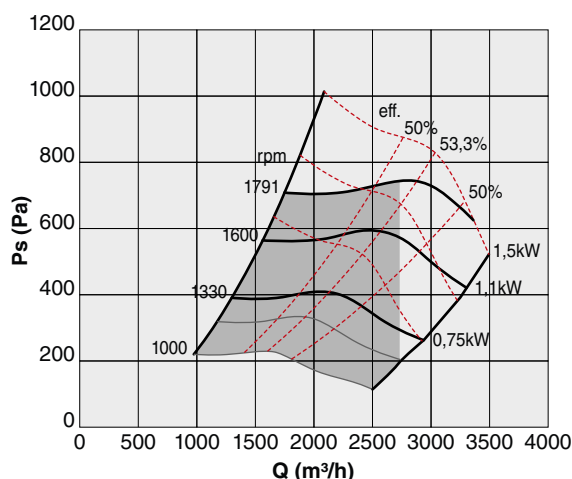


BOX T ATEX 9/7

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9265	BOX T ATEX 9/7 - 0.75 kW - 1330 RPM	T	4	0.75	2.20	2700	300	✓	55/F
1BT9266	BOX T ATEX 9/7 - 1.1 kW - 1440 RPM	T	4	1.1	3.00	2700	405	✓	55/F
1BT9267	BOX T ATEX 9/7 - 1.1 kW - 1600 RPM	T	4	1.1	3.00	2700	578	✓	55/F
1BT9268	BOX T ATEX 9/7 - 1.5 kW - 1693 RPM	T	4	1.5	4.00	2700	665	✓	55/F
1BT9269	BOX T ATEX 9/7 - 1.5 kW - 1791 RPM	T	4	1.5	4.00	2700	745	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 9/7 - 0.75 kW - 1330 RPM	Lw	55	66	67	64	63	62	58	58	72
	Lp 3 mt	34	45	47	43	42	42	37	37	52
BOX T ATEX 9/7 - 1.1 kW - 1440 RPM	Lw	57	68	75	73	69	67	64	59	79
	Lp 3 mt	37	47	54	53	49	46	43	38	58
BOX T ATEX 9/7 - 1.1 kW - 1600 RPM	Lw	55	67	68	66	65	63	57	60	74
	Lp 3 mt	34	46	48	45	44	43	36	39	53
BOX T ATEX 9/7 - 1.5 kW - 1693 RPM	Lw	59	69	78	78	73	70	67	59	82
	Lp 3 mt	38	48	58	57	52	50	46	38	62
BOX T ATEX 9/7 - 1.5 kW - 1791 RPM	Lw	55	68	69	67	66	64	56	61	74
	Lp 3 mt	34	47	49	47	46	43	36	41	54



PRESTAZIONI | PERFORMANCE

BOX T ATEX

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

NB

Le prestazioni aerauliche (m³/h e Pa) riportate in tabella indicano un punto di lavoro consigliato.

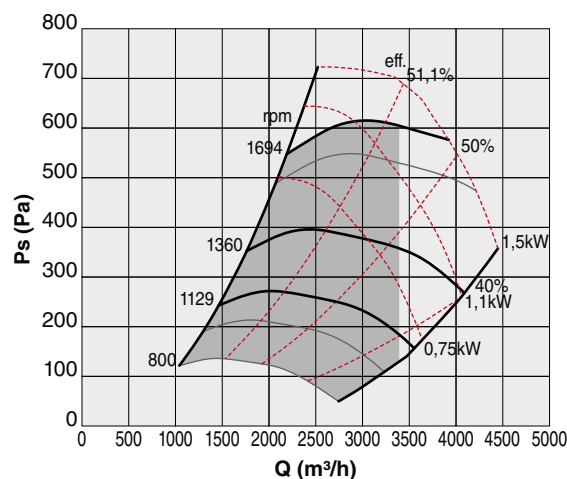
The aeraulic performances (m³/h and Pa) shown in the tables indicate a recommended working point.

BOX T ATEX 9/9

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9270	BOX T ATEX 9/9 - 075 kW - 1128 RPM	T	4	0.75	2.20	3400	182	✓	55/F
1BT9271	BOX T ATEX 9/9 - 1.1 kW - 1213 RPM	T	4	1.1	3.00	3400	250	✓	55/F
1BT9272	BOX T ATEX 9/9 - 1.1 kW - 1360 RPM	T	4	1.1	3.00	3400	358	✓	55/F
1BT9273	BOX T ATEX 9/9 - 1.5 kW - 1520 RPM	T	4	1.5	4.00	3400	470	✓	55/F
1BT9274	BOX T ATEX 9/9 - 1.5 kW - 1694 RPM	T	4	1.5	4.00	3400	604	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 9/9 - 075 kW - 1128 RPM	Lw	53	60	65	63	62	60	56	55	70
	Lp 3 mt	32	40	45	43	41	39	35	35	49
BOX T ATEX 9/9 - 1.1 kW - 1213 RPM	Lw	54	63	69	70	67	63	59	56	74
	Lp 3 mt	33	43	48	49	46	43	39	36	54
BOX T ATEX 9/9 - 1.1 kW - 1360 RPM	Lw	53	62	67	65	63	60	56	58	71
	Lp 3 mt	32	41	46	44	43	40	35	38	51
BOX T ATEX 9/9 - 1.5 kW - 1520 RPM	Lw	58	68	73	76	73	69	65	58	80
	Lp 3 mt	37	47	53	56	52	48	44	38	59
BOX T ATEX 9/9 - 1.5 kW - 1694 RPM	Lw	57	64	70	69	67	64	58	62	75
	Lp 3 mt	36	44	50	48	46	44	38	41	54

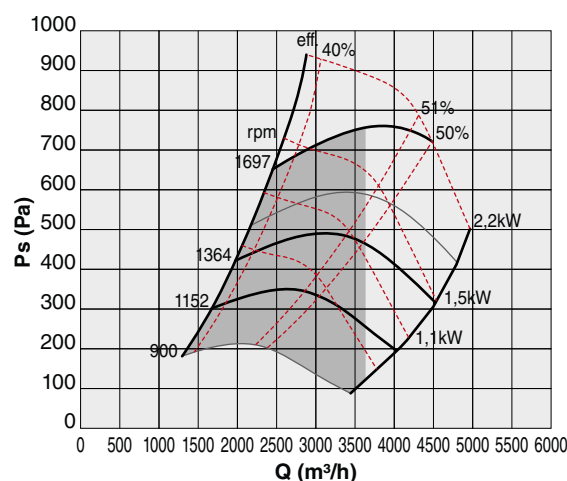


BOX T ATEX 10/8

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9275	BOX T ATEX 10/8 - 1.1 kW - 1152 RPM	T	4	1.1	3.00	3600	260	✓	55/F
1BT9276	BOX T ATEX 10/8 - 1.5 kW - 1222 RPM	T	4	1.5	4.00	3600	330	✓	55/F
1BT9277	BOX T ATEX 10/8 - 1.5 kW - 1364 RPM	T	4	1.5	4.00	3600	465	✓	55/F
1BT9278	BOX T ATEX 10/8 - 2.2 kW - 1521 RPM	T	4	2.2	5.20	3600	610	✓	55/F
1BT9279	BOX T ATEX 10/8 - 2.2 kW - 1697 RPM	T	4	2.2	5.20	3600	755	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 9/7 - 0.75 kW - 1330 RPM	Lw	56	64	68	64	63	60	59	59	72
	Lp 3 mt	36	43	48	44	42	40	39	38	52
BOX T ATEX 9/7 - 1.1 kW - 1440 RPM	Lw	59	68	73	73	69	65	62	60	78
	Lp 3 mt	38	48	52	53	48	45	42	40	57
BOX T ATEX 9/7 - 1.1 kW - 1600 RPM	Lw	56	65	69	66	65	62	62	61	74
	Lp 3 mt	35	44	49	45	44	41	41	41	53
BOX T ATEX 9/7 - 1.5 kW - 1693 RPM	Lw	57	67	76	79	74	71	67	66	82
	Lp 3 mt	37	47	55	58	53	50	46	45	62
BOX T ATEX 9/7 - 1.5 kW - 1791 RPM	Lw	51	66	70	68	68	66	67	63	76
	Lp 3 mt	31	45	50	48	48	45	47	43	55



PRESTAZIONI | PERFORMANCE

BOX T ATEX

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

NB

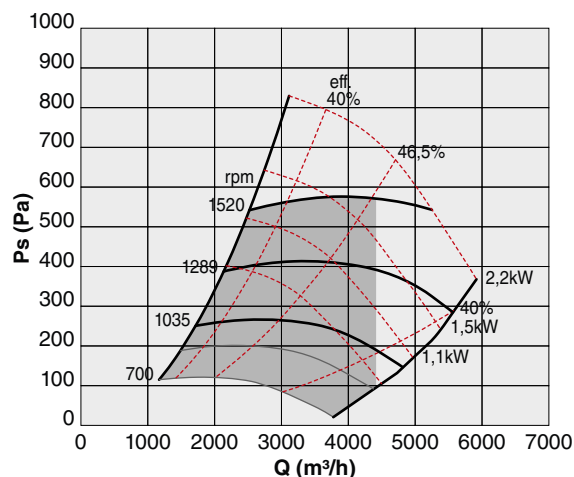
Le prestazioni aerauliche (m³/h e Pa) riportate in tabella indicano un punto di lavoro consigliato.
The aeraulic performances (m³/h and Pa) shown in the tables indicate a recommended working point.

BOX T ATEX 10/10

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9280	BOX T ATEX 10/10 - 1.1 kW - 1036 RPM	T	4	1.1	3.00	4400	190	✓	55/F
1BT9281	BOX T ATEX 10/10 - 1.5 kW - 1152 RPM	T	4	1.5	4.00	4400	285	✓	55/F
1BT9282	BOX T ATEX 10/10 - 1.5 kW - 1289 RPM	T	4	1.5	4.00	4400	394	✓	55/F
1BT9283	BOX T ATEX 10/10 - 2.2 kW - 1440 RPM	T	4	2.2	5.20	4400	510	✓	55/F
1BT9284	BOX T ATEX 10/10 - 2.2 kW - 1520 RPM	T	4	2.2	5.20	4400	574	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 10/10 - 1.1 kW - 1036 RPM	Lw	53	63	68	65	65	61	54	72
	Lp 3 mt	33	43	47	45	45	41	36	52
BOX T ATEX 10/10 - 1.5 kW - 1152 RPM	Lw	53	64	71	73	69	66	61	77
	Lp 3 mt	33	43	51	52	49	46	40	57
BOX T ATEX 10/10 - 1.5 kW - 1289 RPM	Lw	53	64	69	67	66	62	58	74
	Lp 3 mt	33	44	49	47	46	42	37	53
BOX T ATEX 10/10 - 2.2 kW - 1440 RPM	Lw	58	68	76	79	75	72	66	82
	Lp 3 mt	37	47	56	58	55	52	46	62
BOX T ATEX 10/10 - 2.2 kW - 1520 RPM	Lw	56	67	71	70	69	64	58	76
	Lp 3 mt	35	46	51	49	48	44	37	55

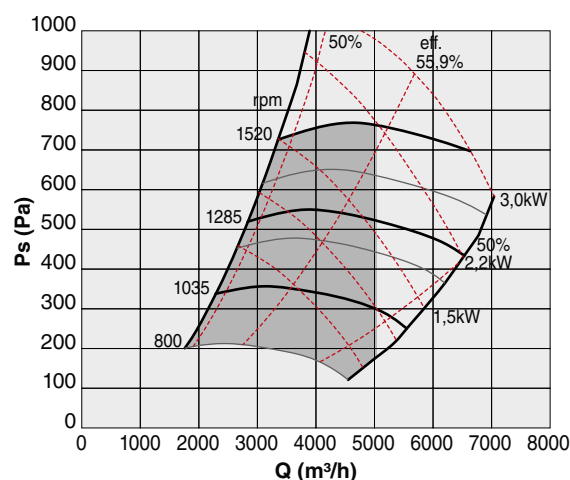


BOX T ATEX 12/9

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9285	BOX T ATEX 12/9 - 1.5 kW - 1036 RPM	T	4	1.5	4.00	5000	300	✓	55/F
1BT9286	BOX T ATEX 12/9 - 2.2 kW - 1152 RPM	T	4	2.2	5.20	5000	400	✓	55/F
1BT9287	BOX T ATEX 12/9 - 2.2 kW - 1286 RPM	T	4	2.2	5.20	5000	523	✓	55/F
1BT9288	BOX T ATEX 12/9 - 3.0 kW - 1420 RPM	T	4	3	7.10	5000	658	✓	55/F
1BT9289	BOX T ATEX 12/9 - 3.0 kW - 1520 RPM	T	4	3	7.10	5000	764	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 12/9 - 1.5 kW - 1036 RPM	Lw	53	66	69	66	64	63	59	73
	Lp 3 mt	32	45	48	46	43	42	39	53
BOX T ATEX 12/9 - 2.2 kW - 1152 RPM	Lw	55	66	75	75	71	67	61	80
	Lp 3 mt	34	45	54	55	50	47	44	59
BOX T ATEX 12/9 - 2.2 kW - 1286 RPM	Lw	54	68	71	68	66	65	62	76
	Lp 3 mt	33	47	51	48	45	44	41	55
BOX T ATEX 12/9 - 3.0 kW - 1420 RPM	Lw	58	68	80	81	75	71	68	84
	Lp 3 mt	38	48	59	60	55	51	48	64
BOX T ATEX 12/9 - 3.0 kW - 1520 RPM	Lw	56	71	73	70	68	66	65	78
	Lp 3 mt	36	50	53	49	47	46	44	57



PRESTAZIONI | PERFORMANCE

BOX T ATEX

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 (dB(A))

Livello di pressione
e potenza sonora
Sound pressure
and volume levels

Ps (Pa)

Pressione
statica
Static pressure

Q (m³/h)

Portata
volumetrica
Airflow
volume

NB

Le prestazioni aerauliche (m³/h e Pa) riportate in tabella indicano un punto di lavoro consigliato.

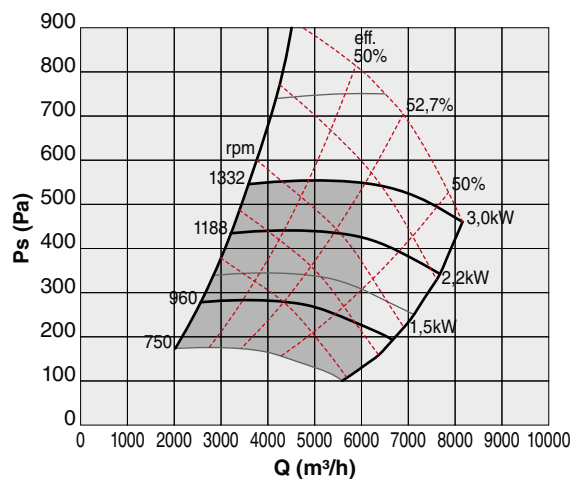
The aeraulic performances (m³/h and Pa) shown in the tables indicate a recommended working point.

BOX T ATEX 12/12

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9290	BOX T ATEX 12/12 - 1.5 kW - 960 RPM	T	4	1.5	4.00	6000	232	✓	55/F
1BT9291	BOX T ATEX 12/12 - 2.2 kW - 1075 RPM	T	4	2.2	5.20	6000	330	✓	55/F
1BT9292	BOX T ATEX 12/12 - 2.2 kW - 1188 RPM	T	4	2.2	5.20	6000	426	✓	55/F
1BT9293	BOX T ATEX 12/12 - 3.0 kW - 1243 RPM	T	4	3	7.10	6000	470	✓	55/F
1BT9294	BOX T ATEX 12/12 - 3.0 kW - 1332 RPM	T	4	3	7.10	6000	550	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 12/12 - 1.5 kW - 960 RPM	Lw	54	64	69	66	64	63	54	55	73
	Lp 3 mt	34	44	48	45	43	43	34	34	52
BOX T ATEX 12/12 - 2.2 kW - 1075 RPM	Lw	57	67	73	74	70	67	62	55	78
	Lp 3 mt	36	46	53	54	50	46	42	34	58
BOX T ATEX 12/12 - 2.2 kW - 1188 RPM	Lw	56	66	70	68	66	64	55	58	74
	Lp 3 mt	36	45	50	47	45	44	35	37	54
BOX T ATEX 12/12 - 3.0 kW - 1243 RPM	Lw	59	69	76	78	73	70	66	56	82
	Lp 3 mt	39	49	55	57	53	49	46	35	61
BOX T ATEX 12/12 - 3.0 kW - 1332 RPM	Lw	58	67	71	69	67	65	56	60	75
	Lp 3 mt	37	46	51	48	46	44	35	39	55

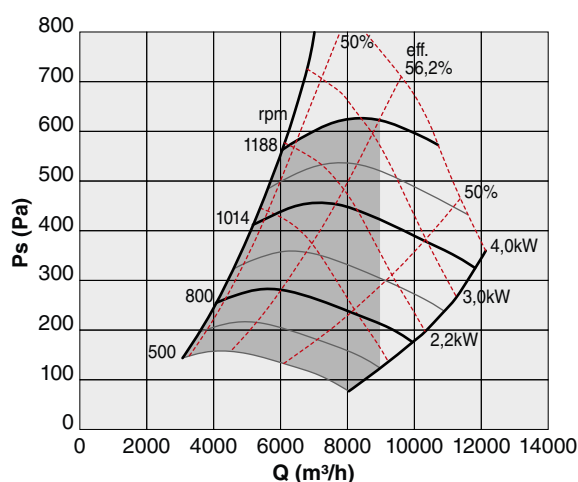


BOX T ATEX 15/15

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9295	BOX T ATEX 15/15 - 2.2 kW - 800 RPM	T	4	2.2	5.20	9000	213	✓	55/F
1BT9296	BOX T ATEX 15/15 - 3.0 kW - 912 RPM	T	4	3	7.10	9000	315	✓	55/F
1BT9297	BOX T ATEX 15/15 - 3.0 kW - 1014 RPM	T	4	3	7.10	9000	420	✓	55/F
1BT9298	BOX T ATEX 15/15 - 4.0 kW - 1062 RPM	T	4	4	9.10	9000	475	✓	55/F
1BT9299	BOX T ATEX 15/15 - 4.0 kW - 1125 RPM	T	4	4	9.10	9000	550	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 15/15 - 2.2kW - 800 RPM	Lw	55	65	67	67	64	62	56	59	73
	Lp 3 mt	35	45	47	47	43	42	35	39	52
BOX T ATEX 15/15 - 3.0kW - 912 RPM	Lw	58	69	75	75	72	67	63	57	80
	Lp 3 mt	38	48	54	54	52	47	43	37	59
BOX T ATEX 15/15 - 3.0kW - 1014 RPM	Lw	57	67	68	68	65	63	57	63	74
	Lp 3 mt	37	46	48	48	44	42	36	43	54
BOX T ATEX 15/15 - 4.0kW - 1062 RPM	Lw	61	71	78	77	75	70	66	58	82
	Lp 3 mt	40	50	57	57	54	49	45	38	62
BOX T ATEX 15/15 - 4.0kW - 1125 RPM	Lw	58	68	69	69	66	63	58	65	75
	Lp 3 mt	38	47	49	48	45	43	37	44	55



PRESTAZIONI | PERFORMANCE

BOX T ATEX

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

NB

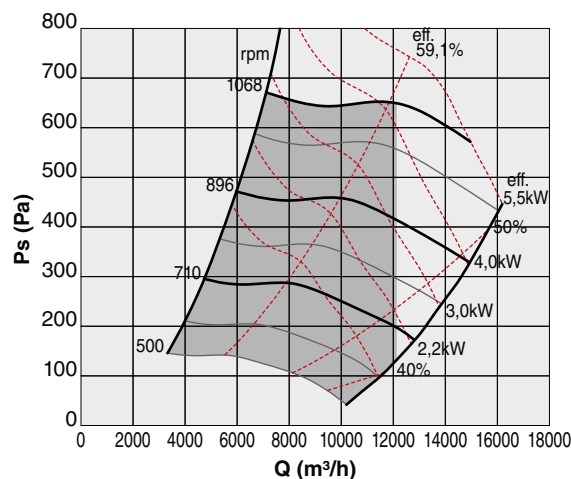
Le prestazioni aerauliche (m³/h e Pa) riportate in tabella indicano un punto di lavoro consigliato.
The aeraulic performances (m³/h and Pa) shown in the tables indicate a recommended working point.

BOX T ATEX 18/18

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9300	BOX T ATEX 18/18 - 3.0 kW - 710 RPM	T	4	3	7.10	12000	200	✓	55/F
1BT9301	BOX T ATEX 18/18 - 4.0 kW - 800 RPM	T	4	4	9.10	12000	300	✓	55/F
1BT9302	BOX T ATEX 18/18 - 4.0 kW - 896 RPM	T	4	4	9.10	12000	420	✓	55/F
1BT9303	BOX T ATEX 18/18 - 5.5 kW - 957 RPM	T	4	5.5	12.00	12000	500	✓	55/F
1BT9304	BOX T ATEX 18/18 - 5.5 kW - 1068 RPM	T	4	5.5	12.00	12000	650	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 18/18 - 3.0 kW - 710 RPM	Lw	59	66	67	67	66	65	58	74
	Lp 3 mt	39	46	47	47	45	44	37	53
BOX T ATEX 18/18 - 4.0 kW - 800 RPM	Lw	62	71	74	73	72	65	60	80
	Lp 3 mt	42	51	54	53	51	44	40	60
BOX T ATEX 18/18 - 4.0 kW - 896 RPM	Lw	61	68	69	69	74	66	63	77
	Lp 3 mt	41	47	48	49	53	46	43	57
BOX T ATEX 18/18 - 5.5 kW - 957 RPM	Lw	64	74	78	77	76	80	69	84
	Lp 3 mt	44	54	57	57	55	59	48	64
BOX T ATEX 18/18 - 5.5 kW - 1068 RPM	Lw	63	69	71	71	79	68	66	81
	Lp 3 mt	43	49	50	51	58	47	42	60

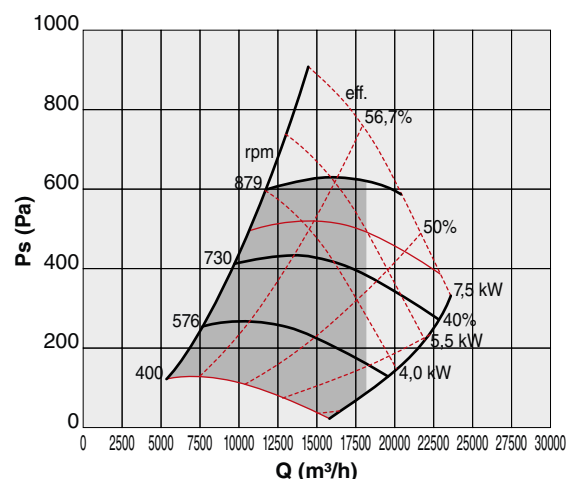


BOX T ATEX 500

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9305	BOX T ATEX 500 - 4.0 kW - 576 RPM	T	4	4	9.10	18000	170	✓	55/F
1BT9306	BOX T ATEX 500 - 5.5 kW - 652 RPM	T	4	5.5	12.00	18000	275	✓	55/F
1BT9307	BOX T ATEX 500 - 5.5 kW - 730 RPM	T	4	5.5	12.00	18000	385	✓	55/F
1BT9308	BOX T ATEX 500 - 7.5 kW - 815 RPM	T	4	7.5	16.30	18000	520	✓	55/F
1BT9309	BOX T ATEX 500 - 7.5 kW - 879 RPM	T	4	7.5	16.30	18000	620	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz	63	125	250	500	1000	2000	4000	8000	TOT
BOX T ATEX 500 - 4.0 kW - 576 RPM	Lw	61	70	71	69	65	67	64	77
	Lp 3 mt	40	50	51	49	44	46	43	56
BOX T ATEX 500 - 5.5 kW - 652 RPM	Lw	63	73	77	75	71	68	64	81
	Lp 3 mt	42	52	56	55	50	48	47	61
BOX T ATEX 500 - 5.5 kW - 730 RPM	Lw	62	72	72	70	66	66	63	78
	Lp 3 mt	41	51	52	50	45	46	43	57
BOX T ATEX 500 - 7.5 kW - 815 RPM	Lw	65	75	81	79	75	71	71	85
	Lp 3 mt	45	55	60	59	54	50	51	64
BOX T ATEX 500 - 7.5 kW - 879 RPM	Lw	64	73	74	72	68	70	69	80
	Lp 3 mt	44	53	53	51	48	50	48	59



PRESTAZIONI | PERFORMANCE

BOX T ATEX

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

NB

Le prestazioni aerauliche (m³/h e Pa) riportate in tabella indicano un punto di lavoro consigliato.

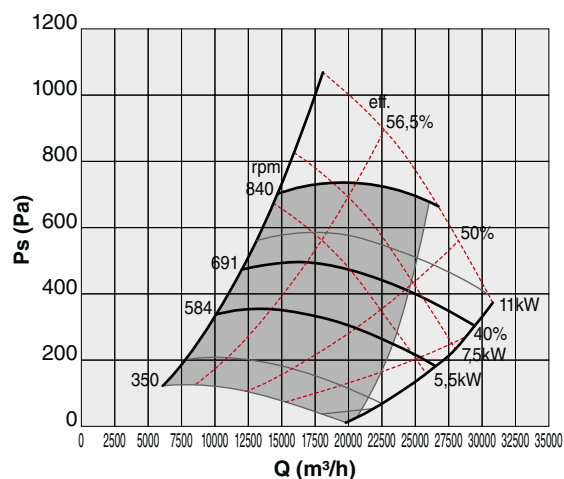
The aeraulic performances (m³/h and Pa) shown in the tables indicate a recommended working point.

BOX T ATEX 560

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9310	BOX T 560 - 5.5 kW - 584 RPM	T	4	5.5	12.00	22000	270	✓	55/F
1BT9311	BOX T 560 - 7.5 kW - 656 RPM	T	4	7.5	16.30	22000	390	✓	55/F
1BT9312	BOX T 560 - 7.5 kW - 691 RPM	T	4	7.5	16.30	22000	450	✓	55/F
1BT9313	BOX T 560 - 11 kW - 776 RPM	T	4	11	23.80	22000	600	✓	55/F
1BT9314	BOX T 560 - 11 kW - 840 RPM	T	4	11	23.80	24000	700	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T 560 - 5.5 kW - 584 RPM	Lw	64	72	72	71	67	67	63	60	78
	Lp 3 mt	43	52	51	51	46	46	42	39	57
BOX T 560 - 7.5 kW - 656 RPM	Lw	65	75	78	77	73	69	67	63	83
	Lp 3 mt	45	55	58	56	52	49	46	42	62
BOX T 560 - 7.5 kW - 691 RPM	Lw	65	74	73	72	68	68	64	62	79
	Lp 3 mt	44	53	53	52	47	47	43	42	59
BOX T 560 - 11 kW - 776 RPM	Lw	68	78	83	81	77	72	70	65	87
	Lp 3 mt	47	57	62	60	56	51	49	44	66
BOX T 560 - 11 kW - 840 RPM	Lw	68	77	76	75	71	70	66	66	82
	Lp 3 mt	47	56	56	54	50	50	46	45	61

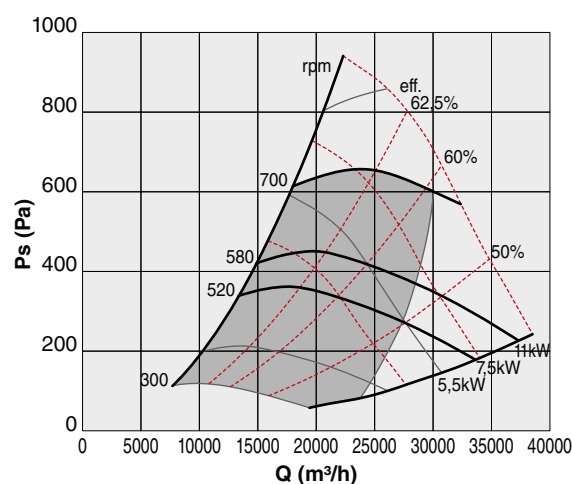


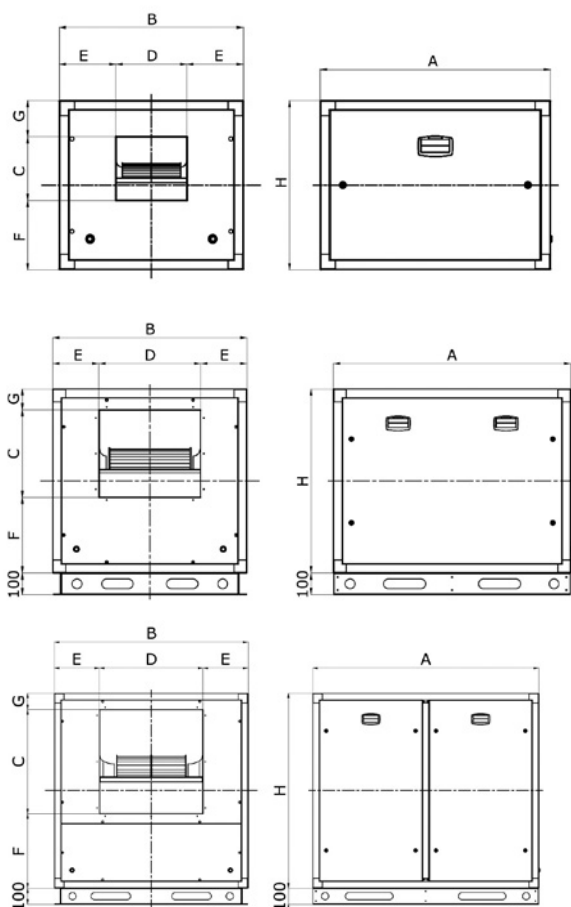
BOX T ATEX 630

Code	Modello Model	U	P	kW	A	Q m³/h	Ps Pa	IE3	IP/CL
1BT9315	BOX T 630 - 5.5 kW - 520 RPM	T	4	5.5	12.00	26000	290	✓	55/F
1BT9316	BOX T 630 - 7.5 kW - 549 RPM	T	4	7.5	12.00	28000	320	✓	55/F
1BT9317	BOX T 630 - 7.5 kW - 580 RPM	T	4	7.5	16.30	28000	380	✓	55/F
1BT9318	BOX T 630 - 11 kW - 656 RPM	T	4	11	23.80	28000	525	✓	55/F
1BT9319	BOX T 630 - 11 kW - 700 RPM	T	4	11	23.80	30000	600	✓	55/F

LIVELLI SONORI | SOUND LEVELS dB(A)

Hz		63	125	250	500	1000	2000	4000	8000	TOT
BOX T 630 - 5.5 kW - 520 RPM	Lw	64	73	73	70	66	64	61	61	78
	Lp 3 mt	43	52	52	50	45	43	40	40	57
BOX T 630 - 7.5 kW - 549 RPM	Lw	67	76	81	79	74	69	66	62	84
	Lp 3 mt	46	56	60	58	53	48	45	42	64
BOX T 630 - 7.5 kW - 580 RPM	Lw	65	74	74	72	67	65	62	63	79
	Lp 3 mt	45	54	54	51	47	45	42	42	59
BOX T 630 - 11 kW - 656 RPM	Lw	69	79	84	82	77	72	68	64	88
	Lp 3 mt	49	59	64	61	56	51	47	44	67
BOX T 630 - 11 kW - 700 RPM	Lw	68	76	76	73	70	67	65	66	81
	Lp 3 mt	47	56	55	53	49	47	44	45	61





BOX T ATEX

Tipo Type	A	B	C	D	E	F	G	H	kg
BOX T 7/7	750	600	206	230	185	251	93	550	45
BOX T 9/7	800	650	260	230	210	255	85	600	58
BOX T 9/9	800	650	260	300	175	255	85	600	60
BOX T 10/8	900	650	285	265	195	285	80	650	78
BOX T 10/10	900	650	285	330	160	285	80	650	80
BOX T 12/9	950	750	340	310	220	310	100	750	98
BOX T 12/12	950	750	340	396	177	310	100	750	100

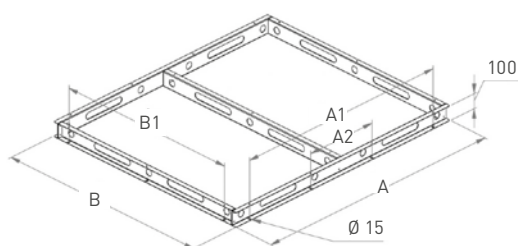
Tipo Type	A	B	C	D	E	F	G	H	kg
BOX T 15/15	1100	900	403	470	215	350	97	850	130
BOX T 18/18	1270	1100	476	556	272	427	97	1000	200

Tipo Type	A	B	C	D	E	F	G	H	kg
BOX T 500	1400	1200	638	638	285	459	103	1200	280
BOX T 560	1650	1350	714	714	318	496	140	1350	380
BOX T 630	1760	1500	800	800	350	527	173	1500	410

Pesi indicativi | Indicative weights

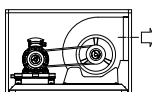
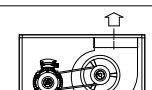
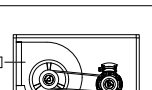
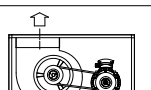
BASAMENTO DI SOLLEVAMENTO DI SERIE dalla taglia 315 alla 630

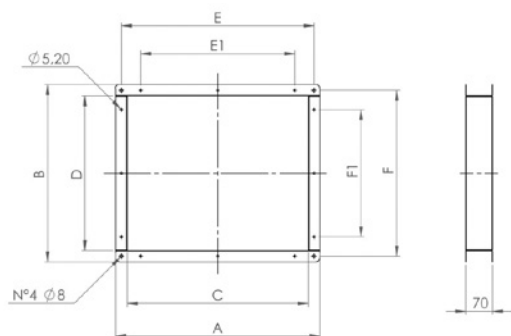
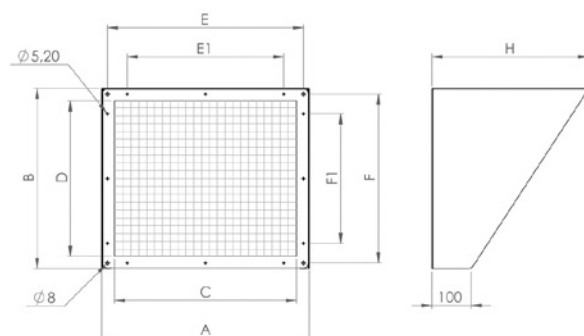
Lifting base assembled from sizes 15/15 to 630



Tipo Type	A	B	A1	A2	B1
315	1095	895	845	-	675
355-400	1265	1095	1015	-	875
450-500	1395	1195	1145	382	975
560	1645	1345	1395	465	1125
630	1755	1495	1505	502	1275

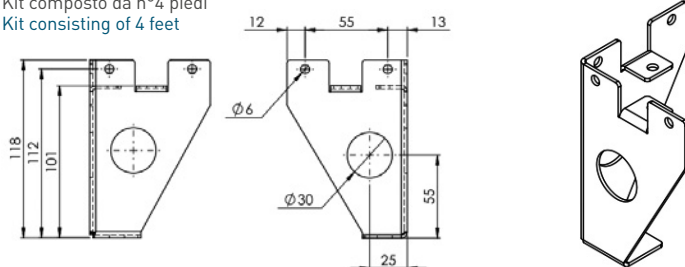
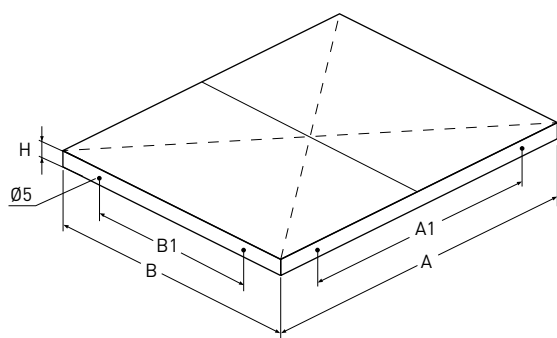
ORIENTAMENTI | DISCHARGE ANGLES

Ispezione Inspection Standard	Dx-A1 		
Ispezione Inspection A richiesta Upon request	Dx-A2 	Sx-A1 	Sx-A2 

TPSR | TERMINALE SENZA RETE
OUTLET CONNECTOR WITHOUT NET**TPCR** | TERMINALE CON RETE
OUTLET CONNECTOR WITH NET

TPSR Code	TPCR Code	Tipo Type	A	B	C	D	E	E1	F	F1	H
5TR0281	5TR0291	7/	290	280	230	220	260	160	250	150	250
5TR0282	5TR0292	9/	360	320	300	260	330	230	290	190	250
5TR0283	5TR0293	10/	390	350	330	290	360	260	320	220	300
5TR0284	5TR0294	12/	455	400	395	340	425	325	370	270	300
5TR0285	5TR0295	15/	530	460	470	400	500	400	430	330	400
5TR0286	5TR0296	18/	620	540	560	480	590	490	510	410	400
5TR0287	5TR0297	500	700	700	640	640	670	570	670	570	500
5TR0288	5TR0298	560	775	775	715	715	745	645	745	645	500
5TR0289	5TR0299	630	860	860	800	800	830	730	830	730	500

Dimensioni in mm | Dimensions in mm

1ST0027 | PIEDE PER BOX T FC 7/7 AL 12/12 | FEET FOR BOX T FC 7/7 TO 12/12Kit composto da n°4 piedi
Kit consisting of 4 feet**TETTUCCIO PARAPIOGGIA** | RAINPROOF COVER

Code	Tipo Type	A	B	C	D	H
5TE0070	7/	755	605	500	350	35
5TE0071	9/	805	655	550	400	35
5TE0072	10/	905	655	650	400	35
5TE0073	12/	955	755	700	500	35
5TE0074	15/	1105	905	850	650	45
5TE0075	18/	1275	1105	1020	850	45
5TE0076	500	1405	1205	1150	950	45
5TE0077	560	1655	1355	1400	1100	45
5TE0078	630	1765	1505	1510	1250	45

Dimensioni in mm | Dimensions in mm