CBD

Ventilatore centrifugo a pale curve avanti doppia aspirazione direttamente accoppiato

Prodotto CBD

Impiego Applicazioni civili e industriali

Costruzione Girante a pale avanti in lamiera di acciaio, cassa in lamina di acciaio galvanizzato completa di piedini e antivibranti di supporto

VENTILATORE
Ventilatore centrifugo con pale curve in avanti, doppia aspirazione con motore direttamente accoppiato, realizzato in acciaio galvanizzato.
Portata fino a 7750 m³/h e pressione fino a 500 Pa.
Ventola equilibrata dinamicamente secondo la norma ISO-1940.

MOTORE
Motore chiuso con cuscinetti a sfera in classe F, in esecuzione monofase 230V 50 Hz o trifase 400 V 50 Hz, disponibile a 4 o 6 poli.
Range temperatura di lavoro (-20 ÷ +40) °C.

ACCESSORI
Interruttore ON/OFF.
Regolatore di velocità elettronico a taglio di fase per versioni monofase, inverter per versioni trifase.

APPLICAZIONI

VENTILAZIONE CIVILE | LOCALI TECNICI | UFFICI | SERVIZI PUBBLICI

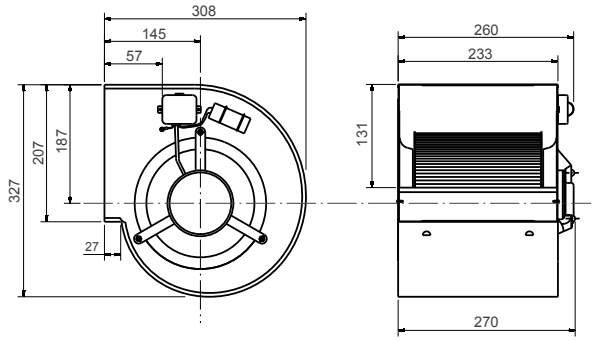
CARATTERISTICHE TECNICHE - RANGE DI UTILIZZO

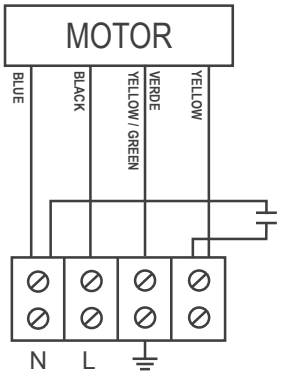
Range di utilizzo	Portata max. (m³/h)	Da 250 a 7700
	Pressione (Pa)	Da 30 a 450
Bocca premente min.	mm	230x208
Bocca premente max.	mm	473x404
Motore	Volt (±10%)/ph/Hz	230V/1ph/50 Hz - 400V/3ph/50Hz
	Poli	4-6
Fluido temp limite min.	°C	-20
Fluido temp limite max.	°C	+40

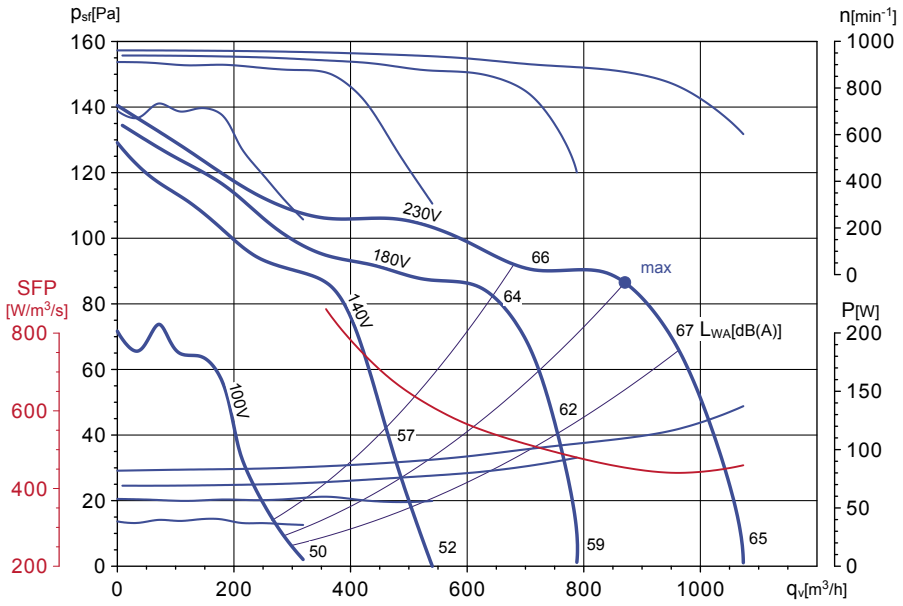
CURVE CARATTERISTICHE E DIMENSIONALI

7/7 0.07 KW 6 POLI M

Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	6 poli
Potenza del motore	72W
Massimo assorbimento	0,6 A
Condensatore	3 mF/450V
Temperatura dell'aria	-20°C<T<+50°C
Peso	6,7 kg







*Test standard: **ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

Corrections

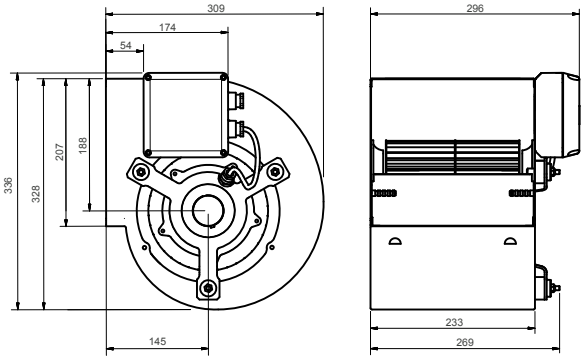
Hz	63	125	250	500	1000	2000	4000	8000
dB	29	22,5	16	9,5	3,5	5,5	9	15

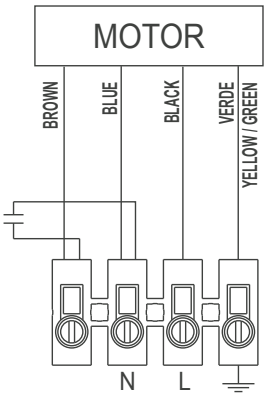
CBD

Ventilatore centrifugo a pale curve avanti doppia aspirazione direttamente accoppiato

7/7 0.15 KW 4 POLI M

Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	4 poli
Potenza del motore	147W
Massimo assorbimento	1,2 A
Condensatore	7 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	6,9 kg



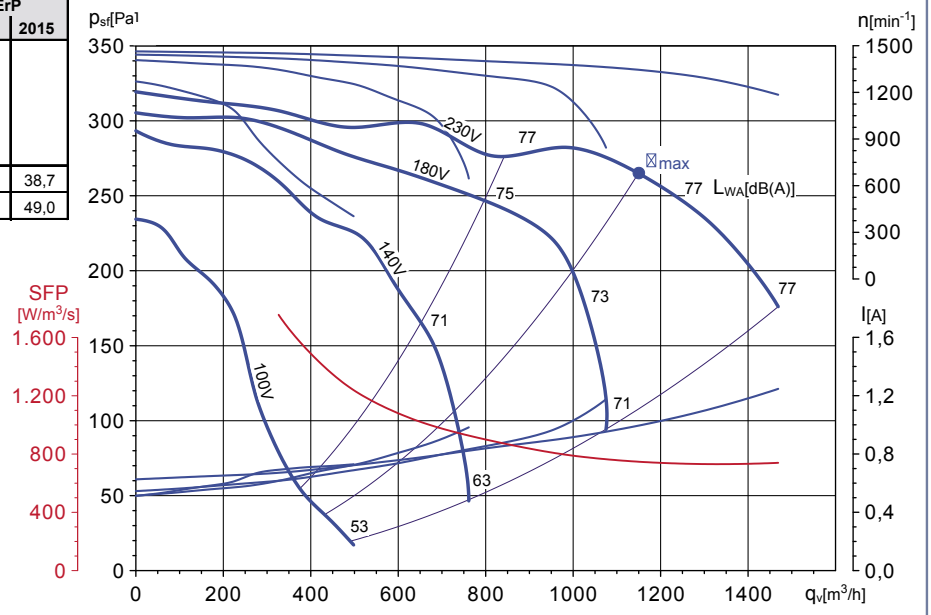


	Fan data	ErP 2013	ErP 2015
Installation category	B		
Efficiency category	Total		
VSD must be installed with the fan	No		
Specific ratio	1		
Overall efficiency [%]	39	31,7	38,7
Efficiency grade	49,3	42,0	49,0
Absorbed power [kW]	0,239		
Air volume [m ^{3}/h]	1150		
Total pressure [Pa]	292		
Speed [RPM]	1346		

* Data at optimum efficiency working point

Test standard: ***ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves



Corrections								
Hz	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
dB	27	21,5	15,5	9,5	4	5,5	8	15,5

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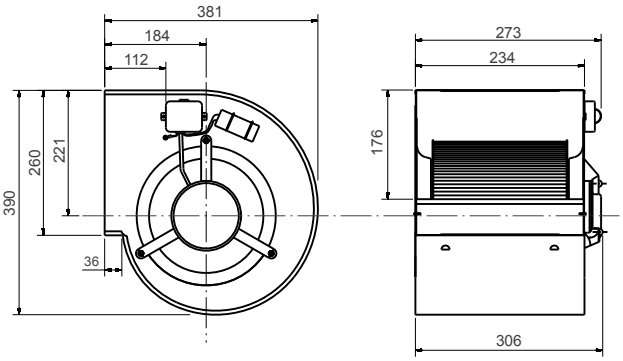
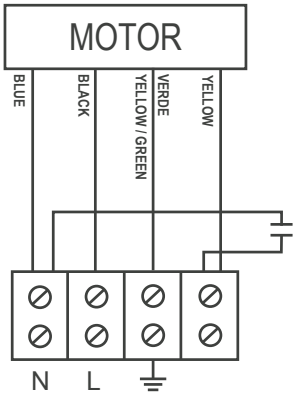
9/7 0.37 KW 4 POLI M

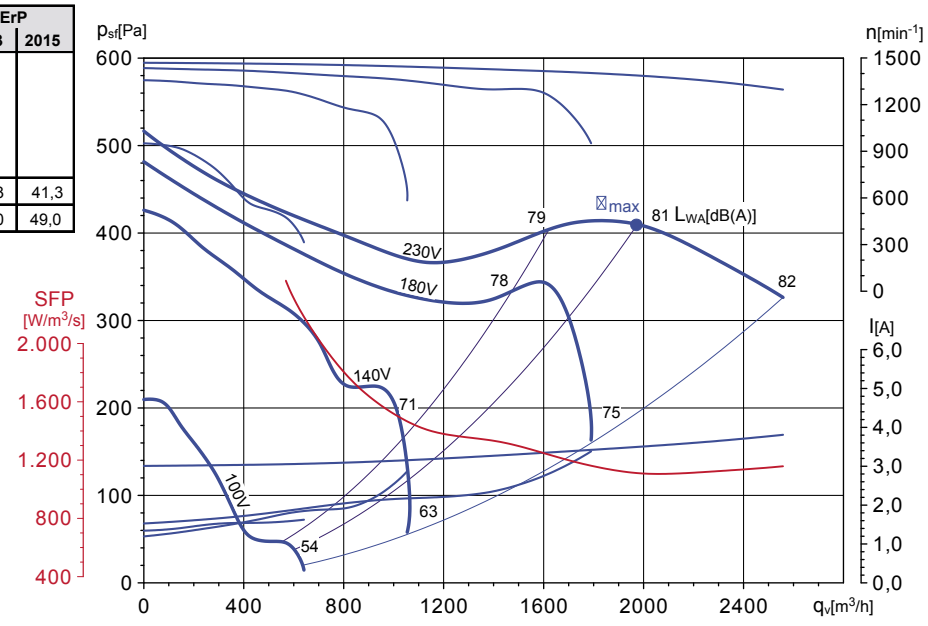
Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	4 poli
Potenza del motore	373W
Massimo assorbimento	3,8 A
Condensatore	10 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	11,3 kg





	Fan data	ErP 2013	ErP 2015
Installation category	B		
Efficiency category	Total		
VSD must be installed with the fan	No		
Specific ratio	1		
Overall efficiency [%]	41,3	34,3	41,3
Efficiency grade	49	42,0	49,0
Absorbed power [kW]	0,609		
Air volume [m 3/h]	1976		
Total pressure [Pa]	458		
Speed [RPM]	1387		

* Data at optimum efficiency working point



*Test standard: **ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

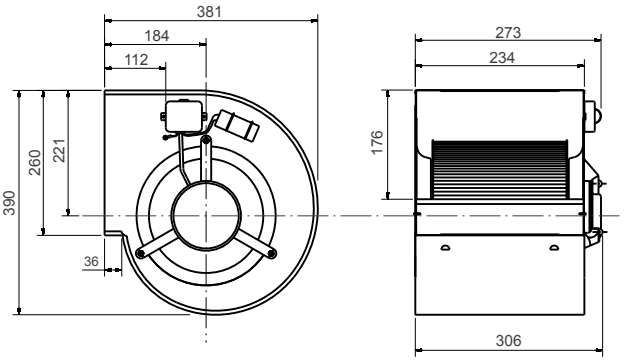
Corrections Hz	63	125	250	500	1000	2000	4000	8000
dB	33,5	21,5	13	7,5	4	6	10	20

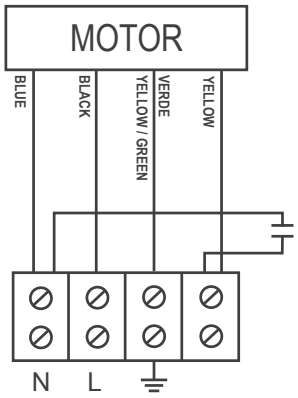
CBD

Ventilatore centrifugo a pale curve avanti doppia aspirazione direttamente accoppiato

9/9 0.20 KW 6 POLI M

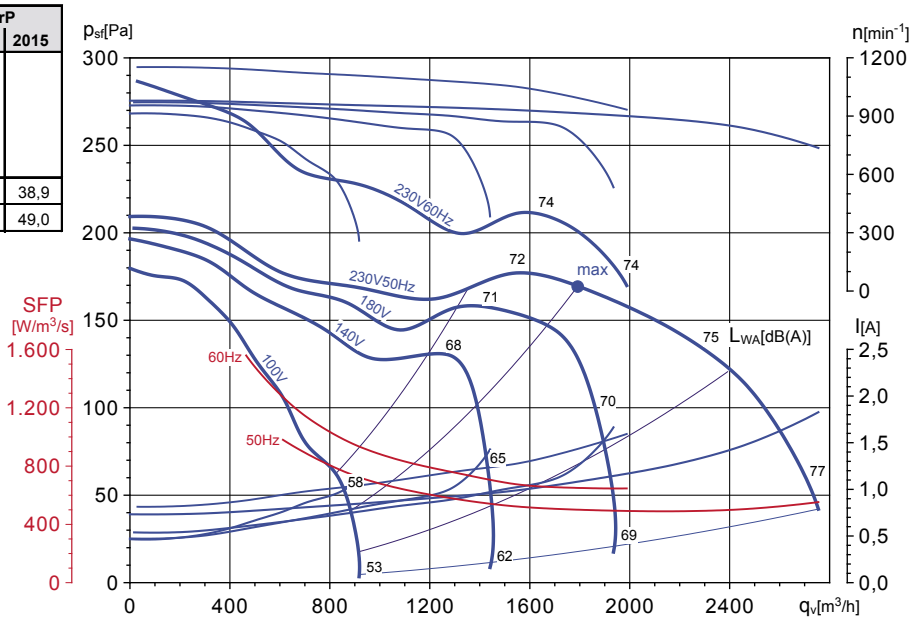
Voltaggio	1 ~ 230V 50/60Hz
Tipo motore	1V IP55 cl.F
Velocità	6 poli
Potenza del motore	200W
Massimo assorbimento	1,8 A
Condensatore	5 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	14,0 kg





	Fan data	ErP 2013	ErP 2015
Installation category	B		
Efficiency category	Total		
VSD must be installed with the fan	No		
Specific ratio	1		
Overall efficiency [%]	38,9	31,9	38,9
Efficiency grade	49	42,0	49,0
Absorbed power [kW]	0,249		
Air volume [m ^{3}/h]	1792		
Total pressure [Pa]	195		
Speed [RPM]	915		

* Data at optimum efficiency working point



*Test standard: **ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

Corrections								
Hz	63	125	250	500	1000	2000	4000	8000
dB	32,5	23	13	7,5	4	6	10,5	18,5

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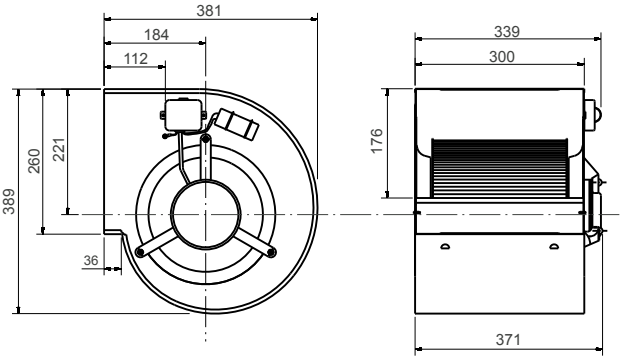
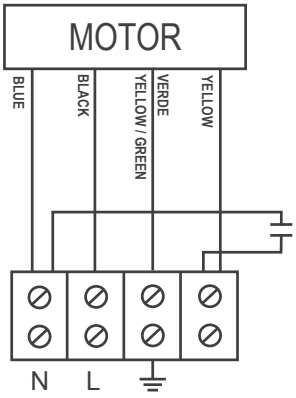
9/9 0.55 KW 4 POLI M

Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	4 poli
Potenza del motore	550W
Massimo assorbimento	3,9 A
Condensatore	25 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	14,0 kg



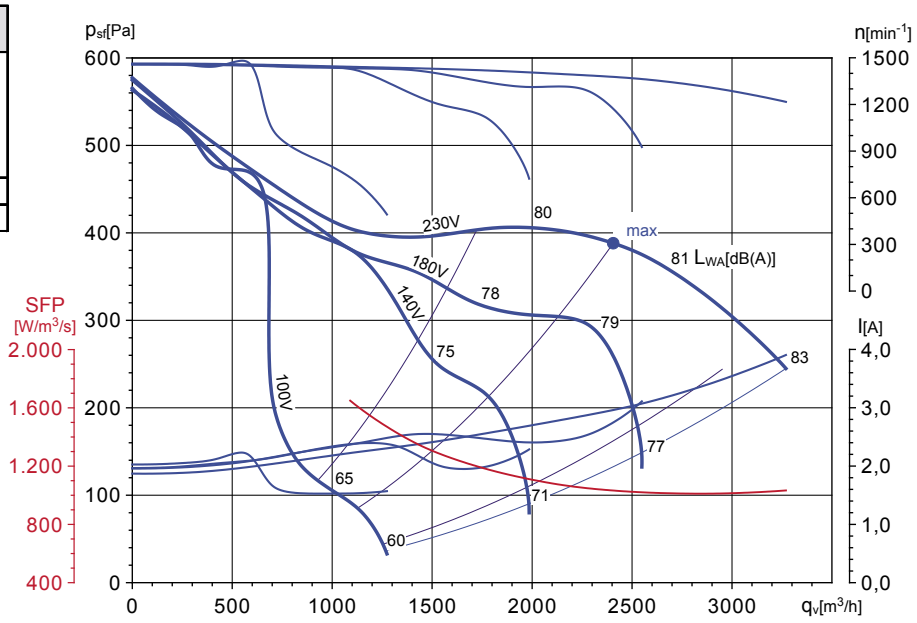


	Fan data	ErP 2015
Installation category	B	
Efficiency category	Total	
VSD must be installed with the fan	No	
Specific ratio	1	
Overall efficiency [%]	41,7	41,7
Efficiency grade	49	49,0
Absorbed power [kW]	0,693	
Air volume [m ^{3}/h]	2409	
Total pressure [Pa]	432	
Speed [RPM]	1376	

* Data at optimum efficiency working point

*Test standard: **ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves



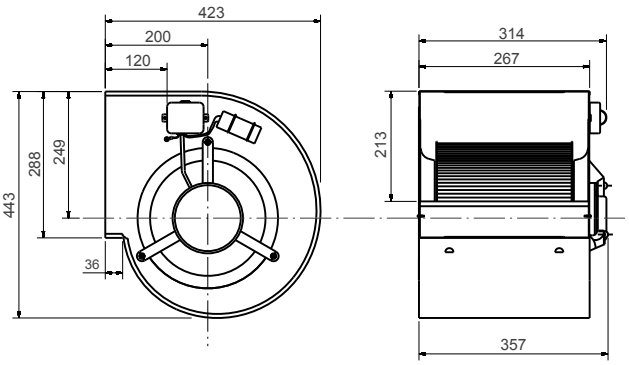
Corrections								
Hz	63	125	250	500	1000	2000	4000	8000
dB	31	21	12,5	9,5	4	5,5	8,5	17,5

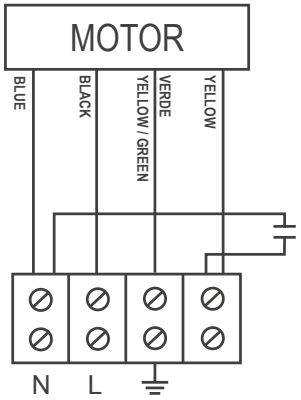
CBD

Ventilatore centrifugo a pale curve avanti doppia aspirazione direttamente accoppiato

10/8 0.55 KW 4 POLI M

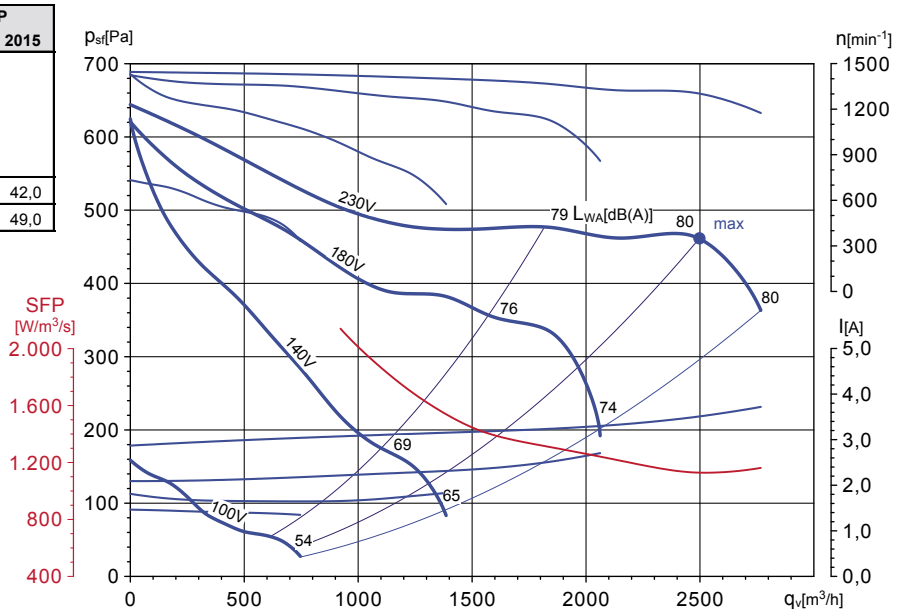
Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	4 poli
Potenza del motore	550W
Massimo assorbimento	4,5 A
Condensatore	25 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	15,0 kg





	Fan data	ErP 2013	ErP 2015
Installation category	B		
Efficiency category	Total		
VSD must be installed with the fan	No		
Specific ratio	1		
Overall efficiency [%]	44,9	35,0	42,0
Efficiency grade	51,9	42,0	49,0
Absorbed power [kW]	0,784		
Air volume [m ^{3}/h]	2505		
Total pressure [Pa]	513		
Speed [RPM]	1308		

* Data at optimum efficiency working point



Test standard: ***ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

Corrections Hz	63	125	250	500	1000	2000	4000	8000
dB	31,5	22,5	14,5	10	4,5	5	7,5	16

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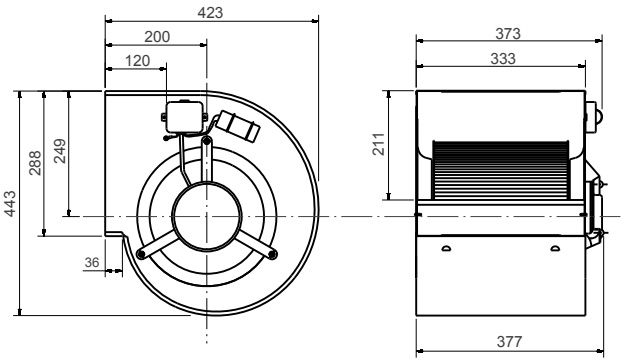
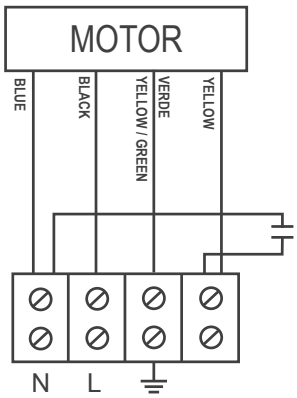
10/10 0.25 KW 6 POLI M

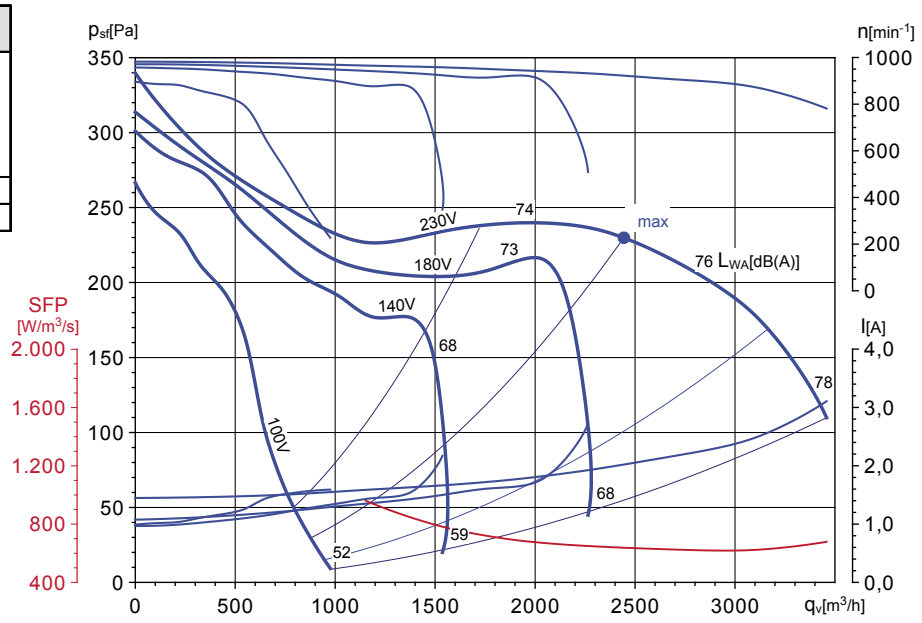
Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	6 poli
Potenza del motore	245W
Massimo assorbimento	3,1 A
Condensatore	8 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	15,4 kg





	Fan data	ErP 2015
Installation category	B	
Efficiency category	Total	
VSD must be installed with the fan	No	
Specific ratio	1	
Overall efficiency [%]	40,6	40,4
Efficiency grade	49,2	49,0
Absorbed power [kW]	0,43	
Air volume [m ^{3}/h]	2439	
Total pressure [Pa]	257	
Speed [RPM]	924	

* Data at optimum efficiency working point



*Test standard: **ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

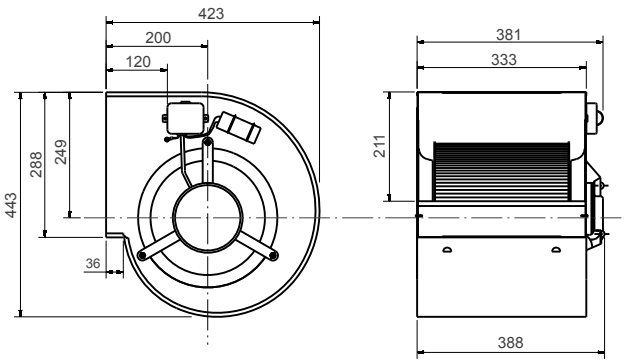
Corrections								
Hz	63	125	250	500	1000	2000	4000	8000
dB	32,5	22	14,5	8,5	4	5,5	9	16

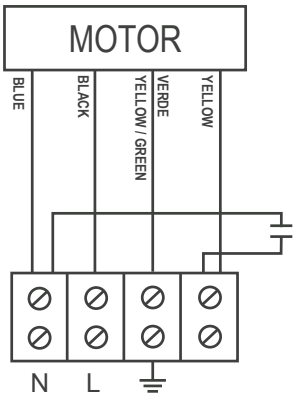
CBD

Ventilatore centrifugo a pale curve avanti doppia aspirazione direttamente accoppiato

10/10 0.55 KW 4 POLI M

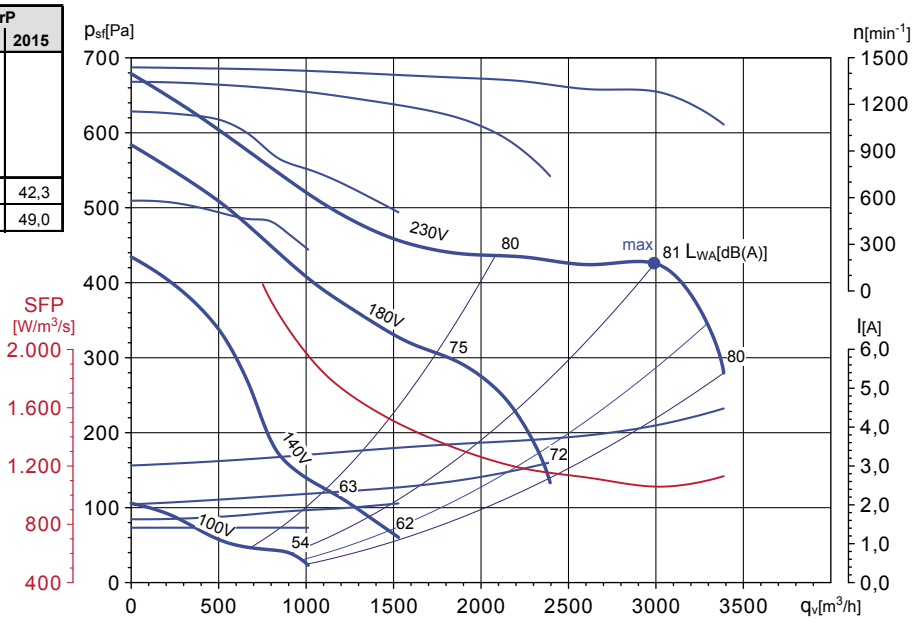
Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	4 poli
Potenza del motore	550W
Massimo assorbimento	4,5 A
Condensatore	25 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	15,3 kg





	Fan data	ErP 2013	ErP 2015
Installation category	B		
Efficiency category	Total		
VSD must be installed with the fan	No		
Specific ratio	1		
Overall efficiency [%]	43,7	35,3	42,3
Efficiency grade	50,4	42,0	49,0
Absorbed power [kW]	0,881		
Air volume [m ^{3}/h]	2993		
Total pressure [Pa]	471		
Speed [RPM]	1282		

* Data at optimum efficiency working point



Test standard: ***ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

Corrections								
Hz	63	125	250	500	1000	2000	4000	8000
dB	29	17,5	11,5	9,5	4,5	5,5	8,5	16,5

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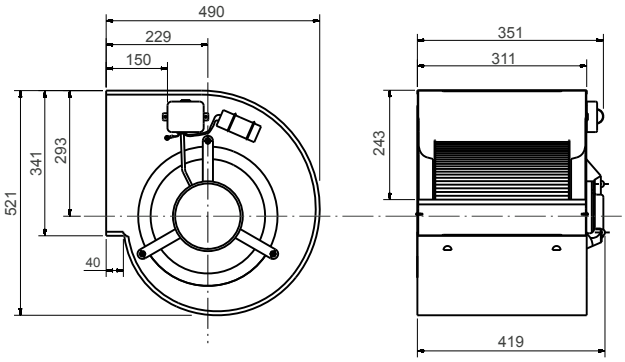
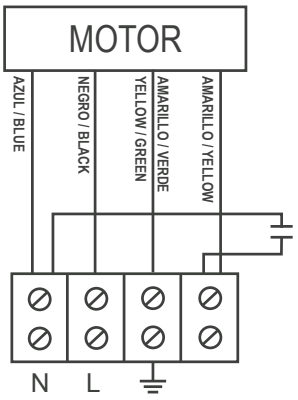
12/9 0.75 KW 6 POLI M

Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	6 poli
Potenza del motore	736W
Massimo assorbimento	5,0 (6,7) A
Condensatore	25 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	24,2 kg



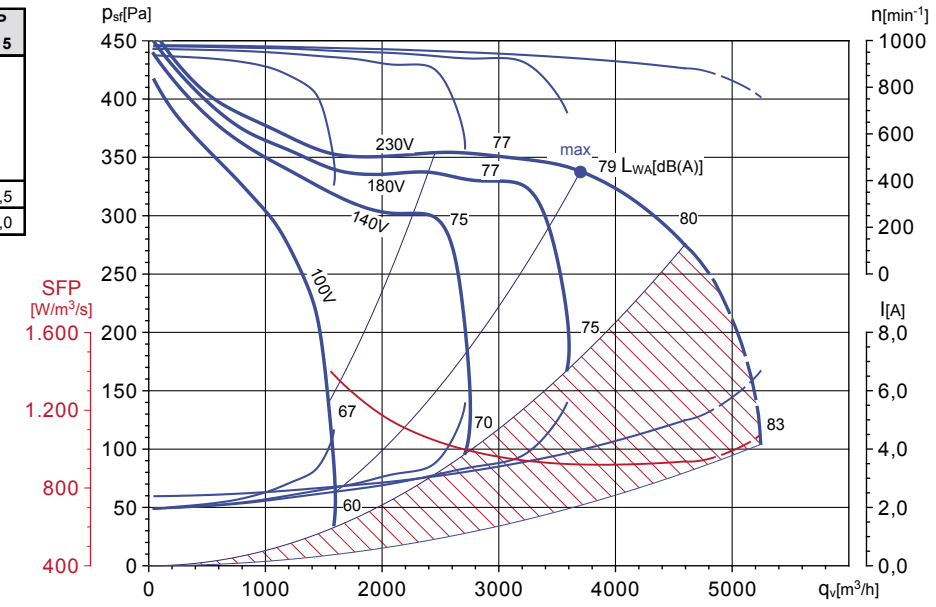


	Fan data	ErP 2015
Installation category	B	
Efficiency category	Total	
VSD must be installed with the fan	No	
Specific ratio	1	
Overall efficiency [%]	42,8	42,5
Efficiency grade	49,3	49,0
Absorbed power [kW]	0,948	
Air volume [m ^{3}/h]	3703	
Total pressure [Pa]	395	
Speed [RPM]	923	

* Data at optimum efficiency working point

Norma ensayo: **ISO 5801**
*Test standard: **ISO 5801***

Para obtener el espectro de potencia (LwA) en dB(A) restar estas correcciones del valor encontrado en las curvas
To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves



Zona no autorizada para regulacion de velocidad *Not authorized area for speed control*

Correcciones / *Corrections*

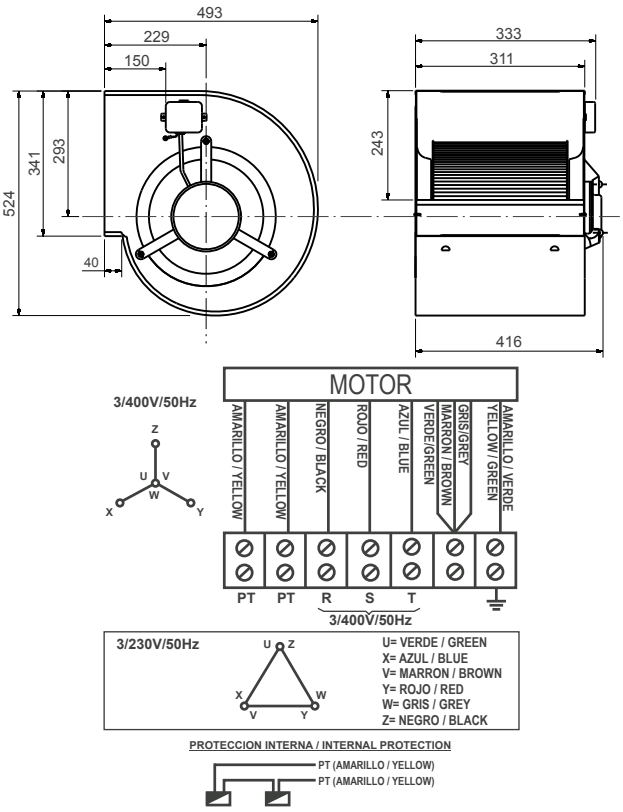
Hz	63	125	250	500	1000	2000	4000	8000
dB	31	17	13,5	9	6	4,5	8	15

CBD

Ventilatore centrifugo a pale curve avanti doppia aspirazione direttamente accoppiato

12/9 1.1 KW 6 POLI T

Voltaggio	Trifase 400V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	6 poli
Potenza del motore	1100W
Massimo assorbimento	7,3/4,2 A
Condensatore	
Temperatura dell'aria	-20°C<T<+40°C
Peso	26,5 kg



	Fan data	ErP 2015
Installation category	B	
Efficiency category	Total	
VSD must be installed with the fan	No	
Specific ratio	1	
Overall efficiency [%]	43,1	42,9
Efficiency grade	49,2	49,0
Absorbed power [kW]	1,097	
Air volume [m ^{3}/h]	3959	
Total pressure [Pa]	430	
Speed [RPM]	945	

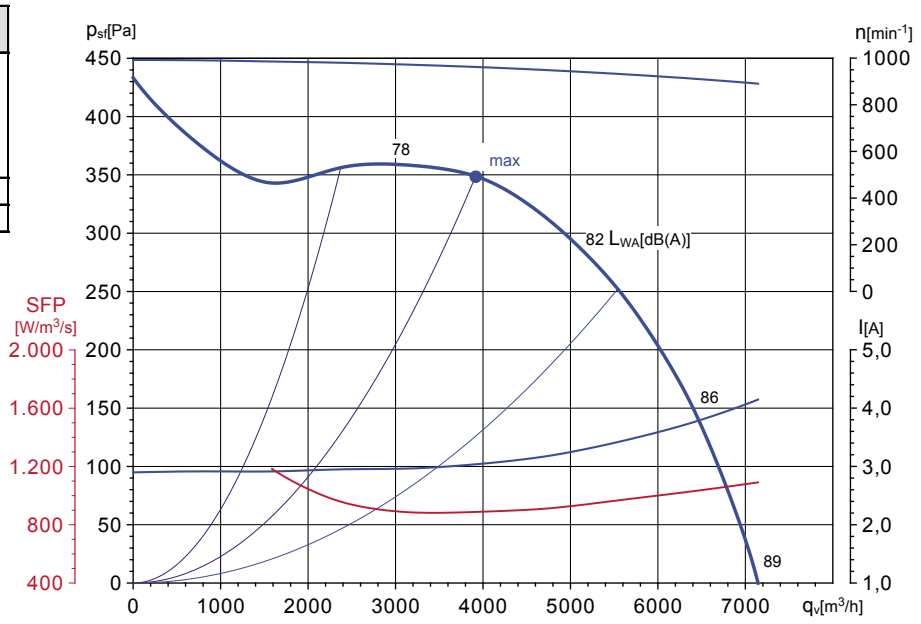
* Data at optimum efficiency working point

Norma ensayo: **ISO 5801**

*Test standard: **ISO 5801***

Para obtener el espectro de potencia (LwA) en dB(A) restar estas correcciones del valor encontrado en las curvas

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves



Correcciones / *Corrections*

Hz	63	125	250	500	1000	2000	4000	8000
dB	31	17	13,5	9	6	4,5	8	15

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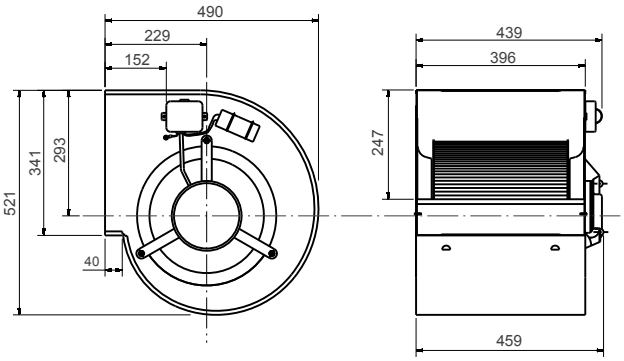
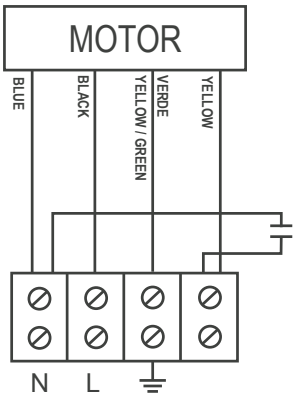
12/12 0.75 KW 6 POLI M

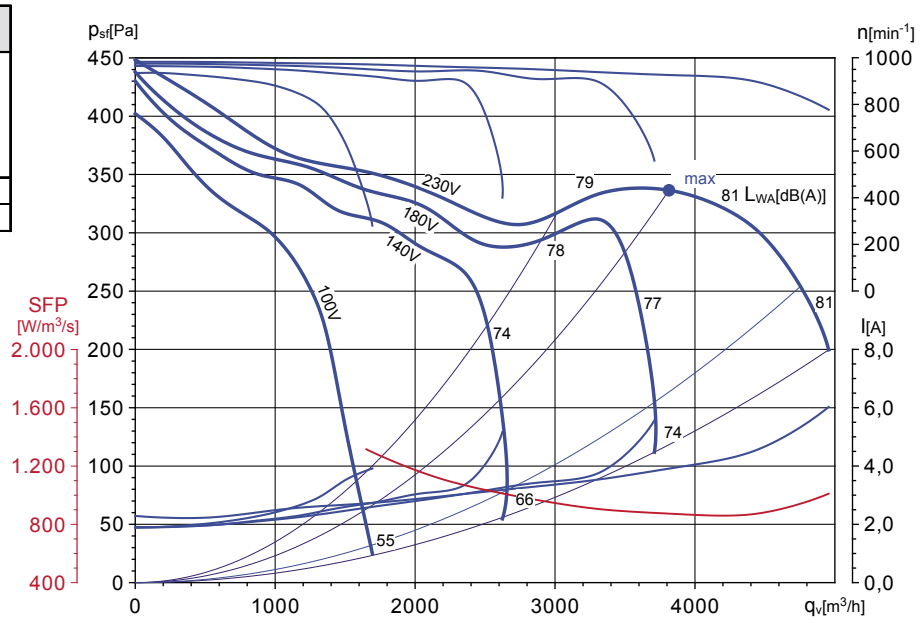
Voltaggio	Monofase 230V 50Hz
Tipo motore	1V IP44 cl.F
Velocità	6 poli
Potenza del motore	736W
Massimo assorbimento	6,0 A
Condensatore	20 mF/450V
Temperatura dell'aria	-20°C<T<+40°C
Peso	26,5 kg





	Fan data	ErP 2015
Installation category	B	
Efficiency category	Total	
VSD must be installed with the fan	No	
Specific ratio	1	
Overall efficiency [%]	42,7	42,5
Efficiency grade	49,2	49,0
Absorbed power [kW]	0,926	
Air volume [m ^{3}/h]	3817	
Total pressure [Pa]	374	
Speed [RPM]	926	

* Data at optimum efficiency working point



*Test standard: **ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

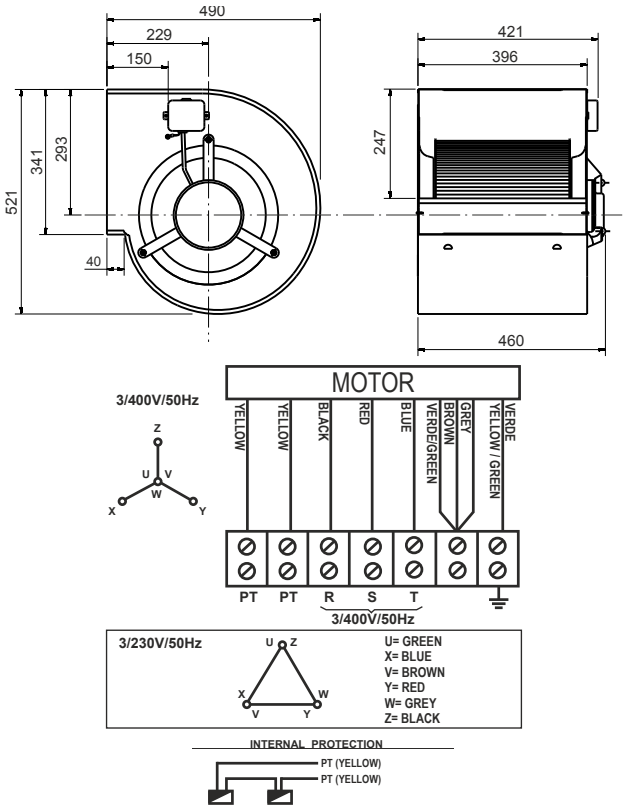
Corrections								
Hz	**63**	**125**	**250**	**500**	**1000**	**2000**	**4000**	**8000**
dB	31	17	13,5	9	6	4,5	8	15

CBD

Ventilatore centrifugo a pale curve avanti doppia aspirazione direttamente accoppiato

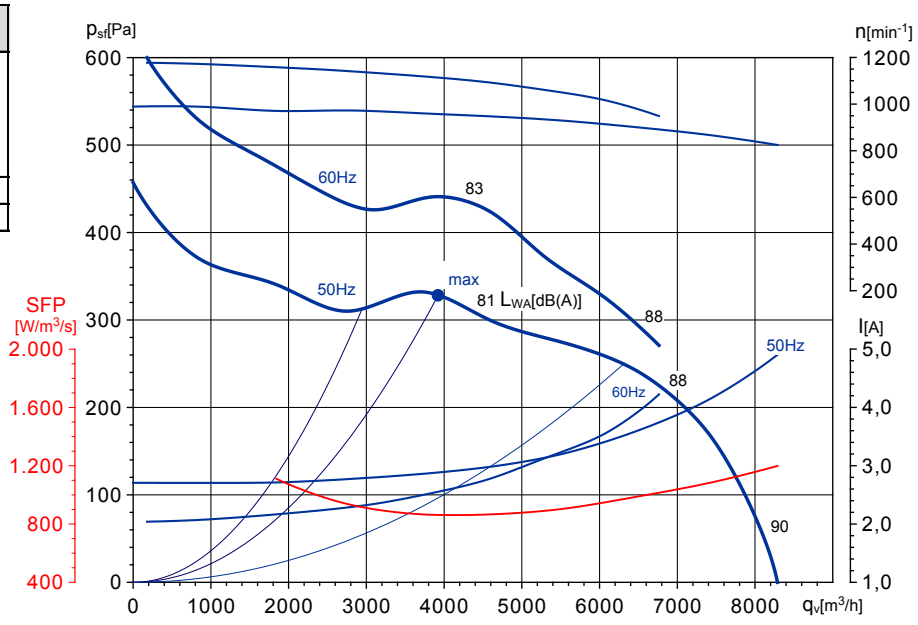
12/12 1.1 KW 6 POLI T

Voltaggio	3 ~ 230/400V 50/60Hz
Tipo motore	1V IP44 cl.F
Velocità	6 poli
Potenza del motore	1100W
Massimo assorbimento	8,5/4,9 A (50Hz) 7,3/4,2 A (60Hz)
Condensatore	
Temperatura dell'aria	-20°C<T<+40°C
Peso	28,6 kg



	Fan data	ErP 2015
Installation category	B	
Efficiency category	Total	
VSD must be installed with the fan	No	
Specific ratio	1	
Overall efficiency [%]	43	42,5
Efficiency grade	49,5	49,0
Absorbed power [kW]	0,942	
Air volume [m ^{3}/h]	3936	
Total pressure [Pa]	371	
Speed [RPM]	958	

* Data at optimum efficiency working point



*Test standard: **ISO 5801***

To obtain the sound power spectrum (LwA) in dB(A), substract the correction values from the value on the curves

Corrections								
Hz	63	125	250	500	1000	2000	4000	8000
dB	31	19	14	6,5	6,5	5,5	8,5	15,5

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ACCESSORI

Interruttore di sicurezza
ON/OFF

Selettore a 3 velocità

REM
Regolatore velocità
monofase

RVIT
Inverter IP20 E IP66

Tutte le immagini sono soltanto indicative della tipologia di prodotto e possono differire dall'articolo.