



Serie HPA
HPA Series



Serie HPA

HPA Series

APPLICAZIONE

APPLICATION

Grazie all'ampia gamma di combinazioni, gli scambiatori della serie HPA si prestano come la soluzione di raffreddamento ottimale per svariate applicazioni mobili e industriali quali:
The wide range of combinations makes the HPA series heat exchangers the optimal cooling solution for a great variety of mobile and industrial applications such as:



Industria agricola e forestale.
Gru mobili e fisse.
Veicoli industriali.
Veicoli municipali.
Macchine da costruzione.
Impianti di riciclo.
Impianti oleodinamici.
Macchine utensili.
Altro su richiesta.

Agriculture and forestry.
Mobile and stationary cranes.
Industrial vehicles.
Municipal vehicles.
Construction machines.
Recycling plants.
Hydraulic systems.
Machine tools.
Others on request.





Modulo richiesta dati

Sheet for cooler selection

CLIENTE COMPANY	
RICHIEDENTE NAME	

TIPOLOGIA FLUIDO FLUID TYPE		
PORTATA FLOW RATE	lpm	
POTENZA INSTALLATA INSTALLED POWER	kW	
POTENZA DA DISSIPARE POWER TO BE DISSIPATED	kW	
TEMPERATURA INGRESSO INLET TEMPERATURE	°C	
TEMPERATURA ARIA MAX MAX AMBIENT TEMPERATURE	°C	
PRESSIONE DI LAVORO WORKING PRESSURE	bar	

TIPO DI VENTILAZIONE TYPE OF FAN UNIT		
CC DC	PREDISPOSTO MOTORE IDRAULICO PREPARED FOR HYDRAULIC MOTOR	CA AC
12V	GR.2	MONOFASE 230V SINGLEPHASE 230V
24V	GR.3	TRIFASE 230/400V 265/460V THREEPHASE 230/400V 265/460V
		TENSIONE SPECIALE SPECIAL VOLTAGE
		50 Hz 60 Hz



Denominazione codice prodotto

Ordering code

2424

03

2

01

MODELLO COOLER MODEL

2424 (HPA 24)

TIPO DI MOTORIZZAZIONE FAN MOTOR TYPE

03 AC 230-400V 50Hz / AC 265-460V 60Hz (B14)

12 DC 12V

24 DC 24V

56 Pred. per mot. idr. gr.2 Pred. for hydr. mot. gr.2

58 Pred. per mot. idr. gr.3 Prep. for hydr. mot. gr.3

TERMOSTATI THERMOSTATS

0 Senza termostato Whitout thermostat

1 Termostato fisso Fixed thermostat 40-28°

2 Termostato fisso Fixed thermostat 50-38°

3 Termostato fisso Fixed thermostat 60-48°

4 Termostato fisso Fixed thermostat 70-58°

5 Termostato fisso Fixed thermostat 80-68°

6 Termostato fisso Fixed thermostat 90-78°

8 Termostato regolabile
Adjustable thermostat 0-90° (TC2)

9 Termostato regolabile collegato
Connected adjustable thermostat 0-90° (TC2)

FLUSSO DI VENTILAZIONE AIR FLOW DIRECTION

01 Aspirante Suction air flow

02 Soffiante Blowing air flow

Modello - Codice prodotto

Cooler model - Product Code

Serie HPA - HPA Series

Modello Model	Codice Code
HPA 12	2412
HPA 18	2418
HPA 24	2424
HPA 30	2430
HPA 36	2436
HPA 42	2442
HPA 50	2450
HPA 52	2452



Serie HPA 2 Pass - HPA 2 Pass Series

Modello Model	Codice Code
HPA 24 2PASS	2427
HPA 30 2PASS	2433
HPA 36 2PASS	2438
HPA 42 2PASS	2445
HPA 50 2PASS	2987
HPA 52 2PASS	2454



Serie HPA/2 - HPA/2 Series

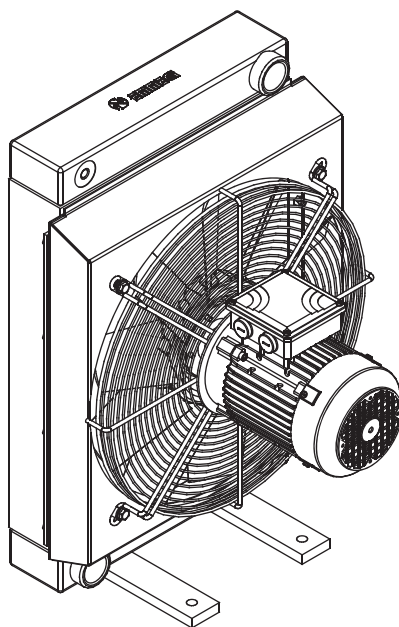
Modello Model	Codice Code
HPA 30/2	2431
HPA 36/2	2437
HPA 42/2	2443
HPA 50/2	2988
HPA 52/2	2453



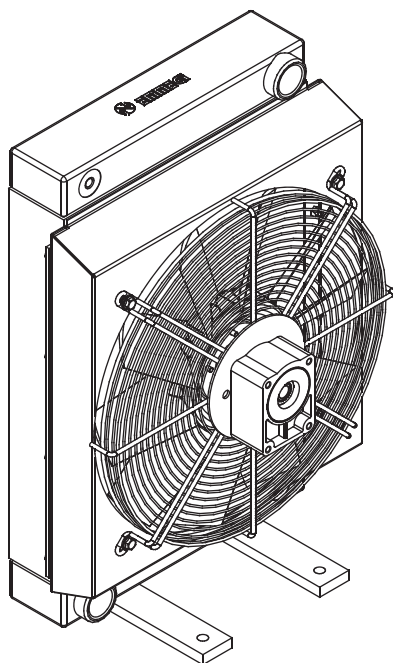


SERIE HPA

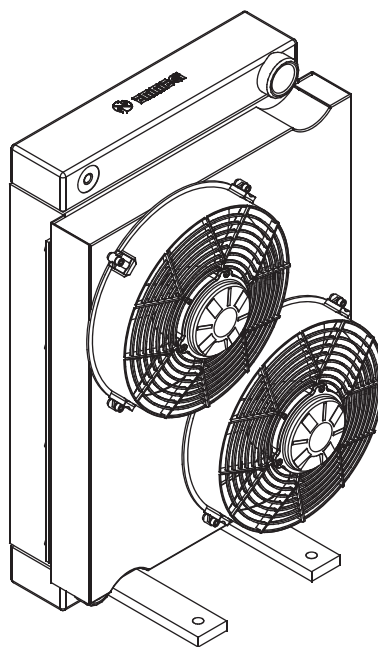
HPA Series



AC 230-400V 50 Hz (B14)
AC 265-460V 60 Hz (B14)



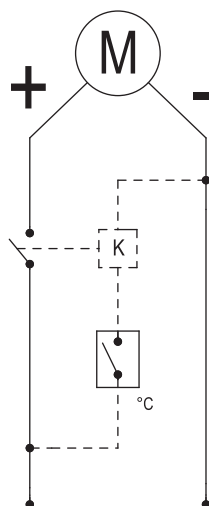
Pred. per mot. idr. gr. 2 / gr. 3
Pred for Gr.2 / Gr.3 hydraulic mot.



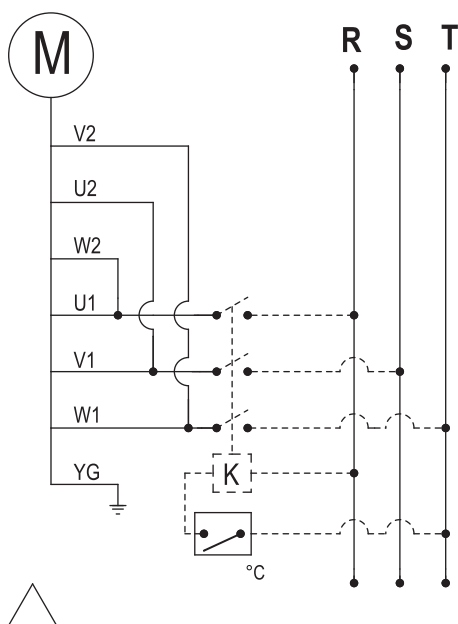
DC 12V - 24V

Collegamenti elettrici *Electric Wiring*

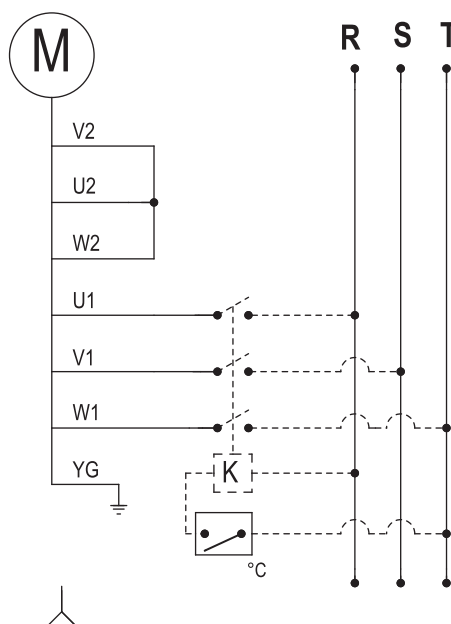
COLLEGAMENTO ELETTRICO 12-24V DC
12-24V DC ELECTRIC WIRING



COLLEGAMENTO ELETTRICO 230V AC TRIF.
230V AC 3PH ELECTRIC WIRING



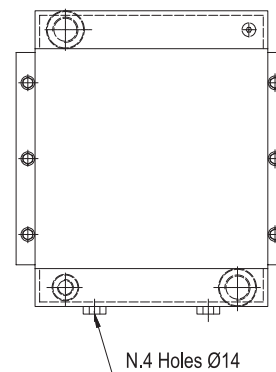
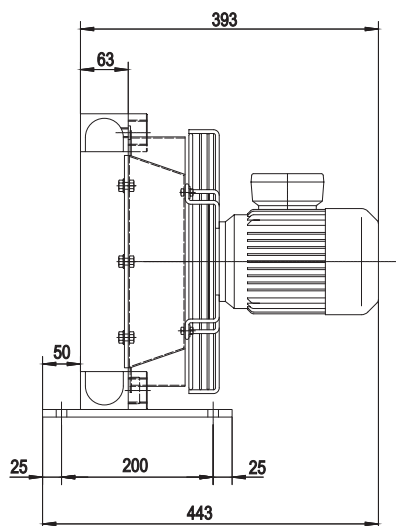
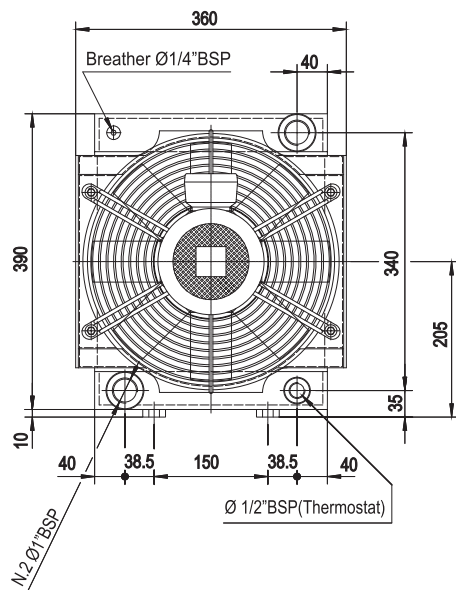
COLLEGAMENTO ELETTRICO 400/460V AC TRIF.
400/460V AC THREEPHASE ELECTRIC WIRING



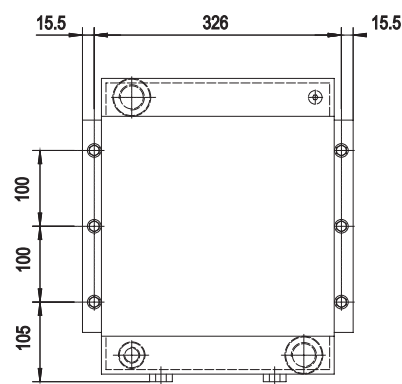
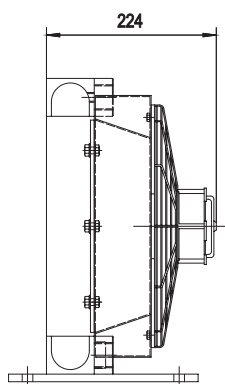
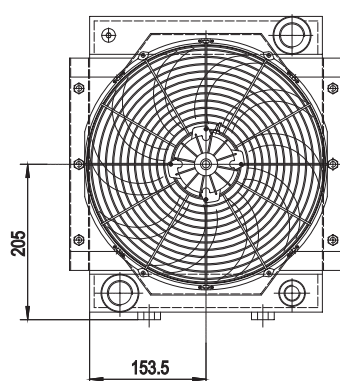


Serie HPA

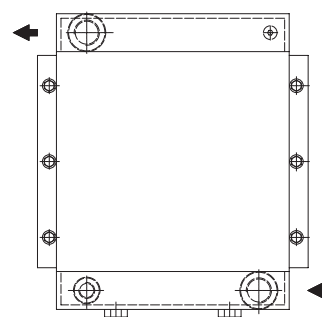
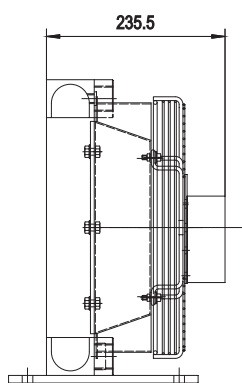
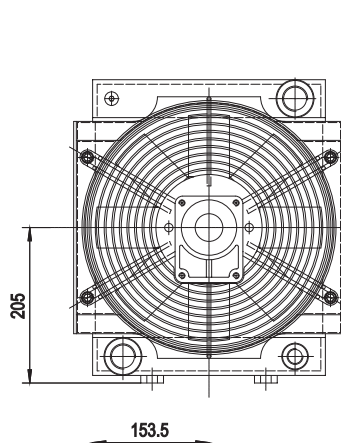
HPA 12



P/N 241203###



P/N 241212###
P/N 241224###



P/N 241256###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

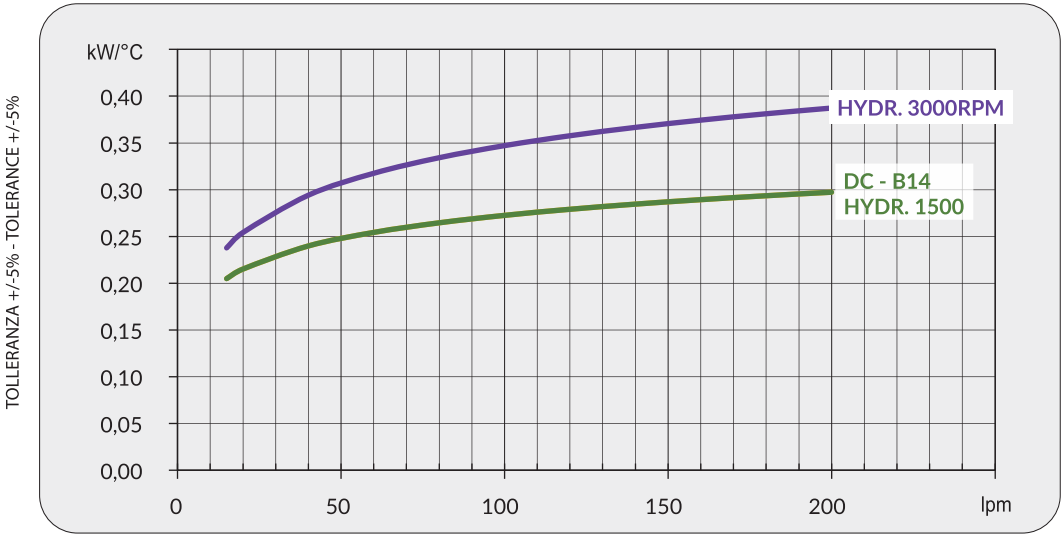


Dati tecnici Technical Data

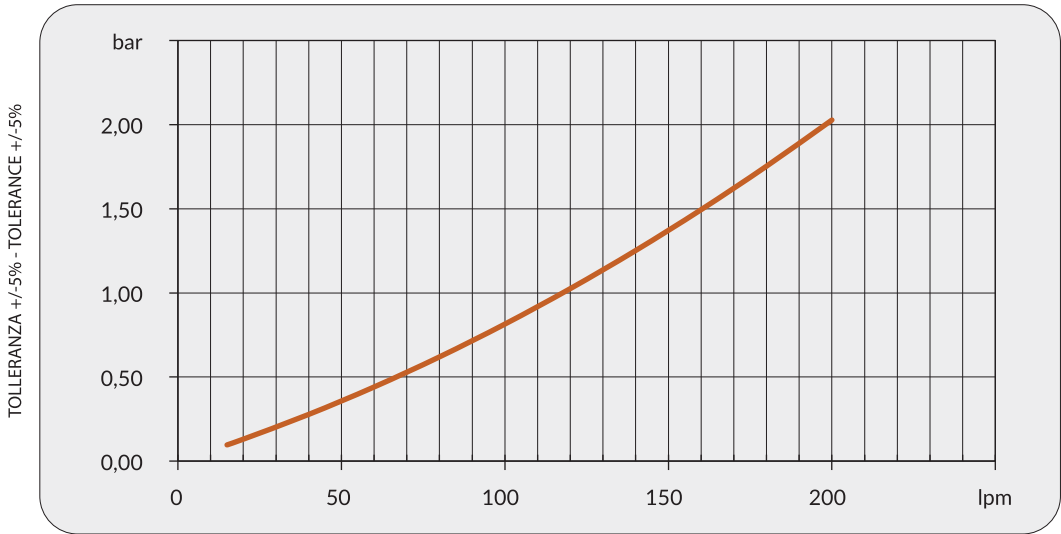
P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	lt	kg
241203###	230-400 B14 AC	50	0,25	1,45 - 0,84	1350	315	72	1500	55	1,9	17
	265-460 B14 AC	60	0,29	1,7 - 1	1620						
241212###	12 DC	/	0,16	13,6	3000	305	77	1500	68	1,9	15
241224###	24 DC	/	0,18	7,6	3100	305	80	1500	68	1,9	15
241256###	Prepared for Gr.2 hydraulic motor					315			/	1,9	16

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Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



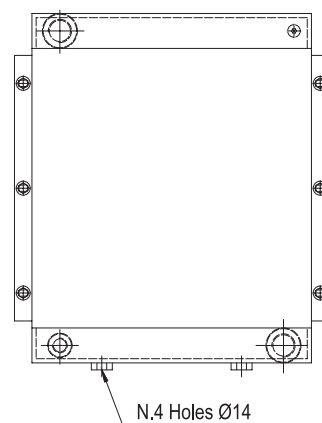
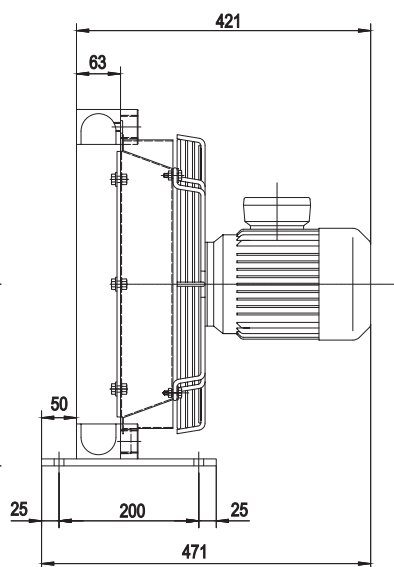
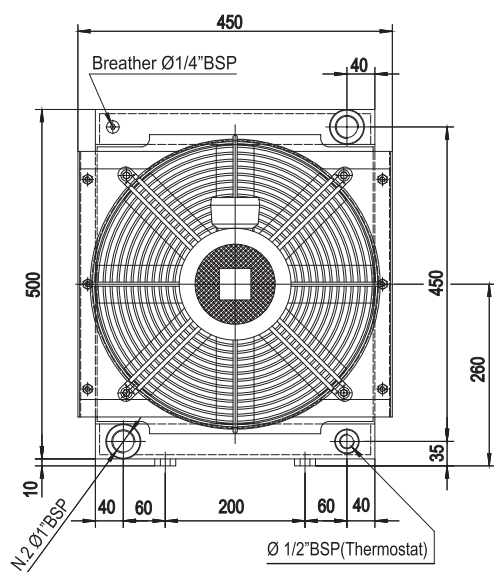
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

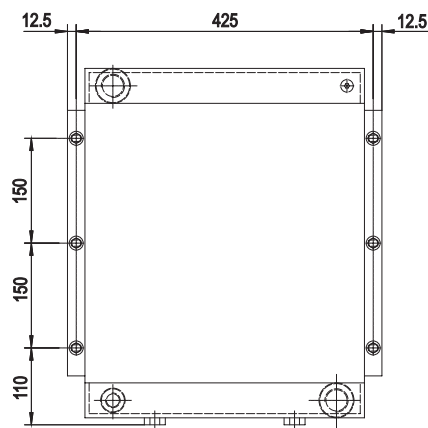
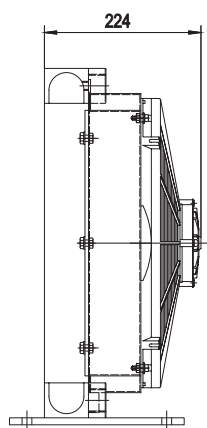
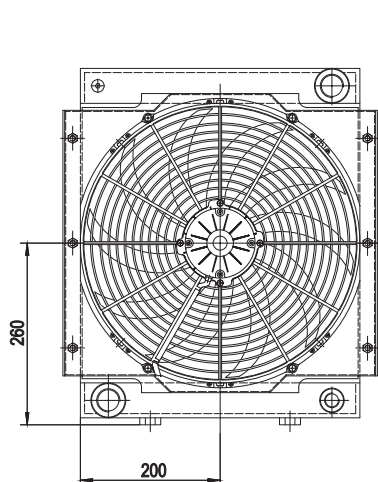


Serie HPA

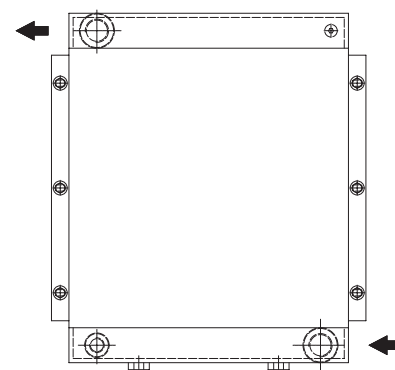
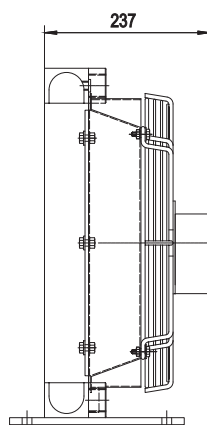
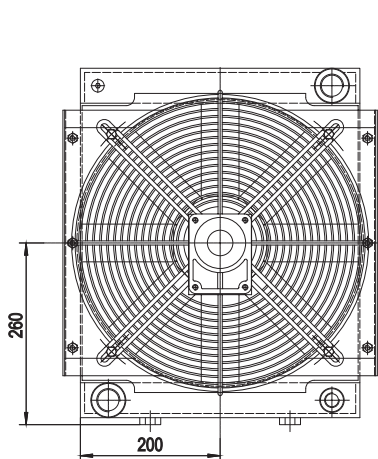
HPA 18



P/N 241803###



P/N 241812###
P/N 241824###



P/N 241856###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

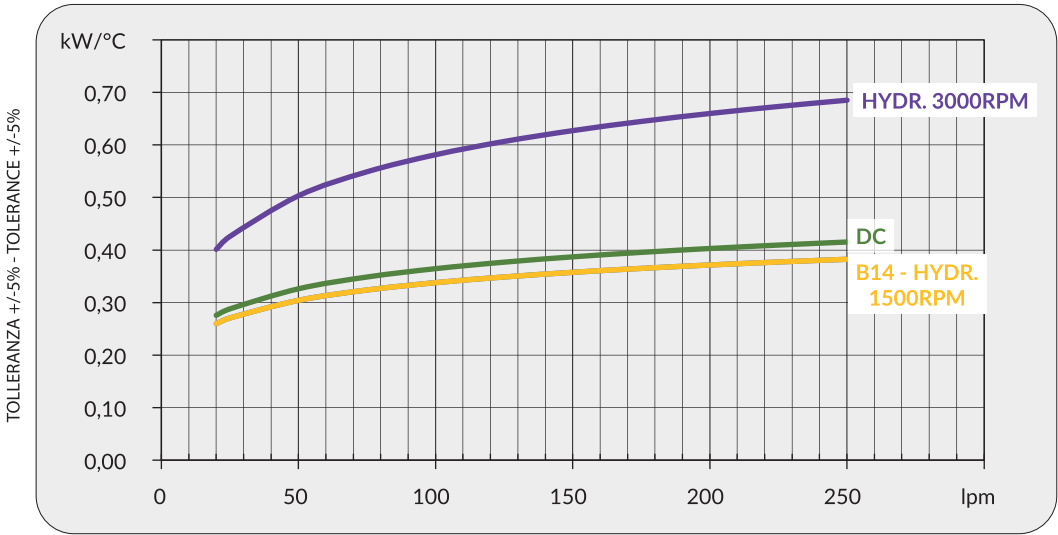


Dati tecnici *Technical Data*

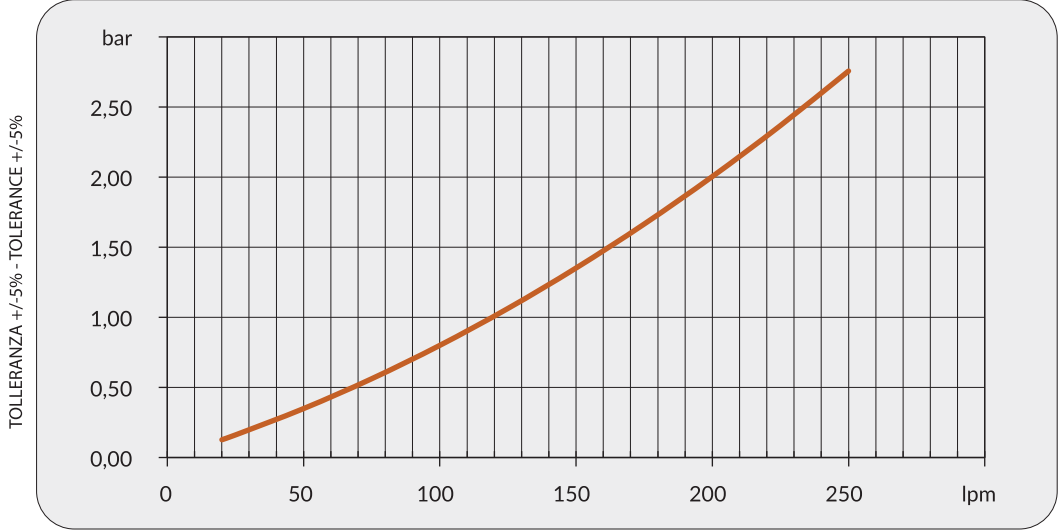
P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	lt	kg
241803###	230-400 B14 AC	50	0,37	1,9 - 1,1	1370	400	77	2300	55	2,9	20
	265-460 B14 AC	60	0,43	1,9 - 1,1	1650						
241812###	12 DC	/	0,25	20,9	2350	385	77	2620	68	2,9	18
241824###	24 DC	/	0,24	9,9	2580	385	81	2620	68	2,9	18
241856###	Prepared for Gr.2 hydraulic motor					400			/	2,9	19

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Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



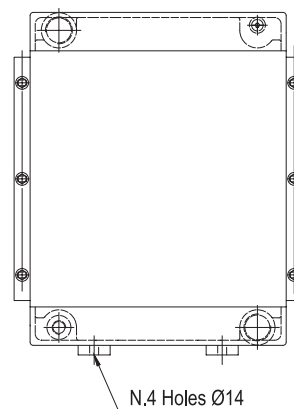
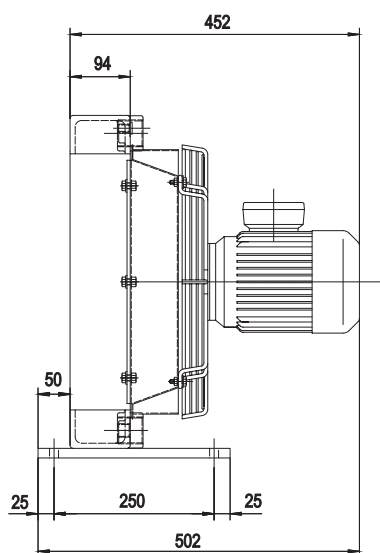
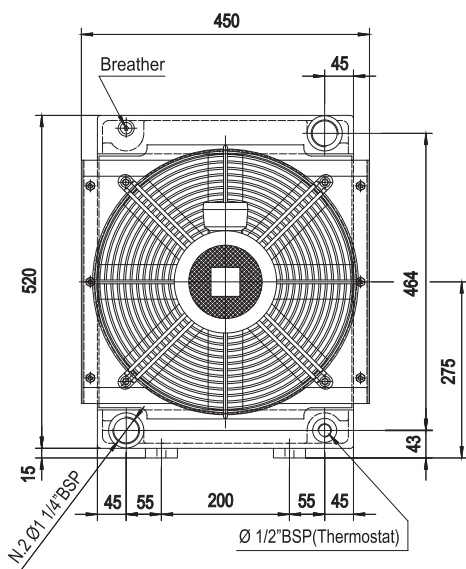
Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

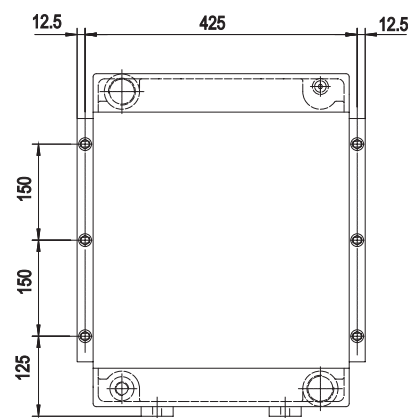
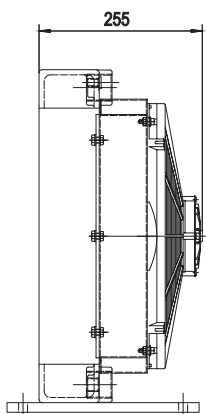
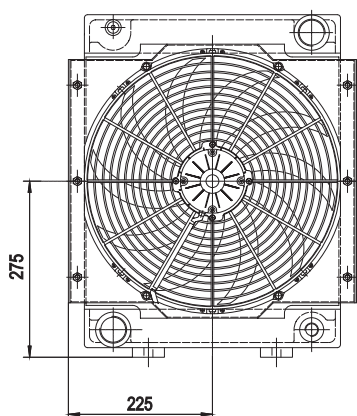


Serie HPA

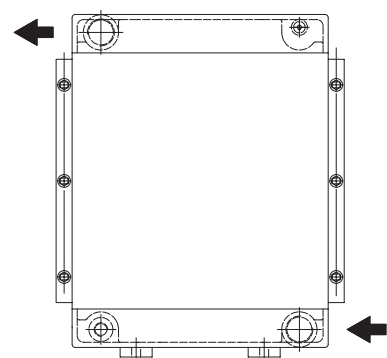
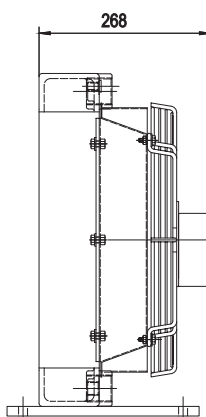
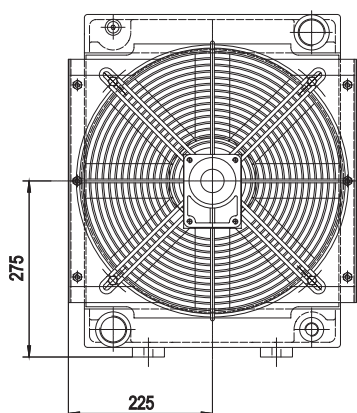
HPA 24



P/N 242403###



P/N 242412###
P/N 242424###



P/N 242456###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

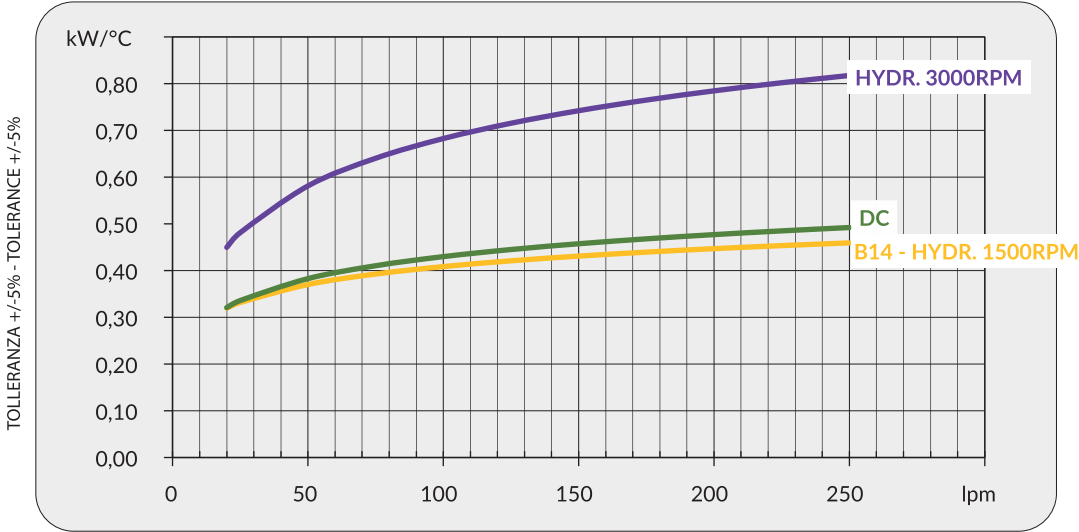


Dati tecnici *Technical Data*

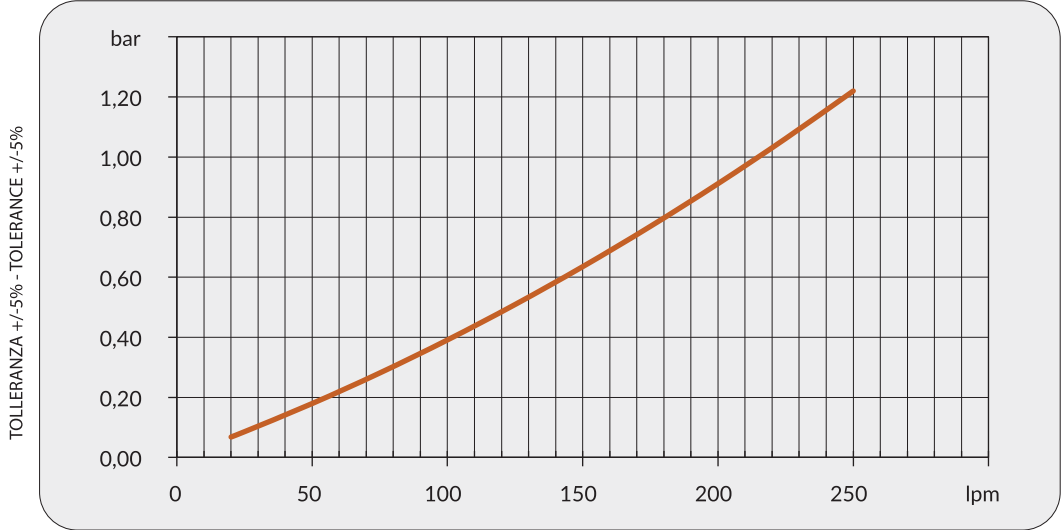
P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	It	kg
242403###	230-400 B14 AC	50	0,55	2,5 - 1,5	1220	400	79	1850	55	2,9	28
	265-460 B14 AC	60	0,63	2,5 - 1,5	1710						
242412###	12 DC	/	0,24	20,3	2580	385	77	2250	68	2,9	28
242424###	24 DC	/	0,23	9,7	2580	305	80	2250	68	2,9	22
242456###	Prepared for Gr.2 hydraulic motor					400			/	2,9	23

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Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



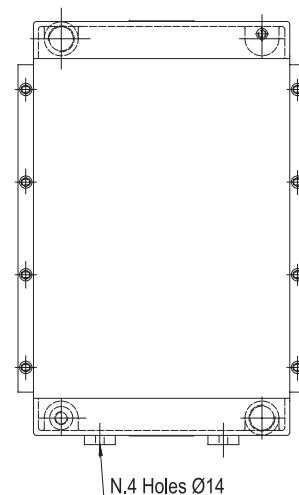
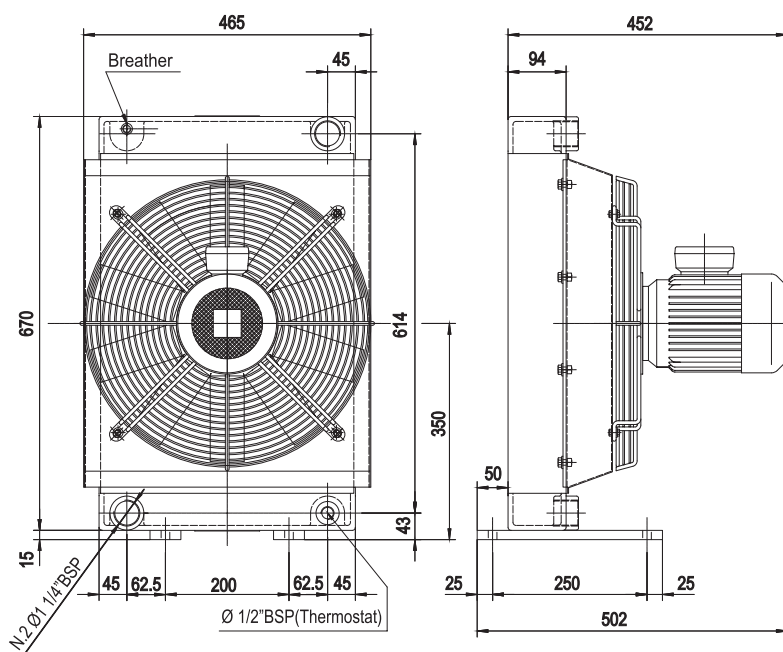
Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

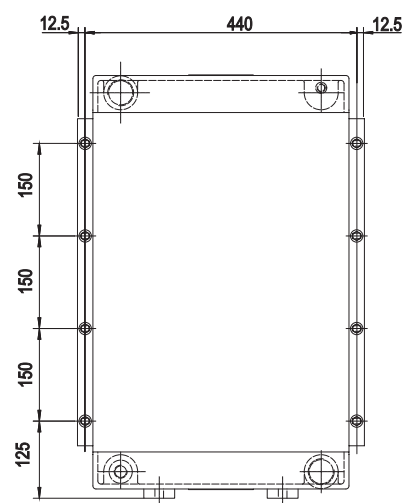
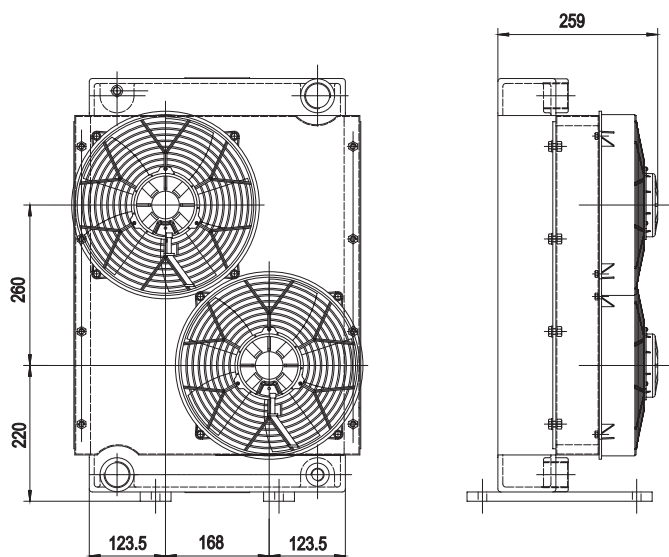


Serie HPA

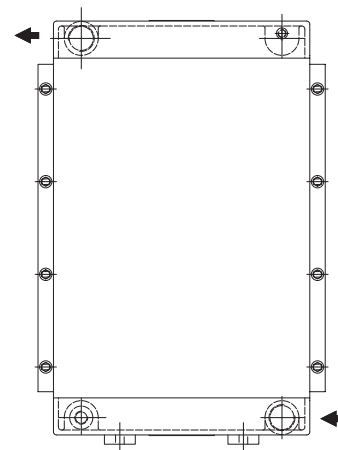
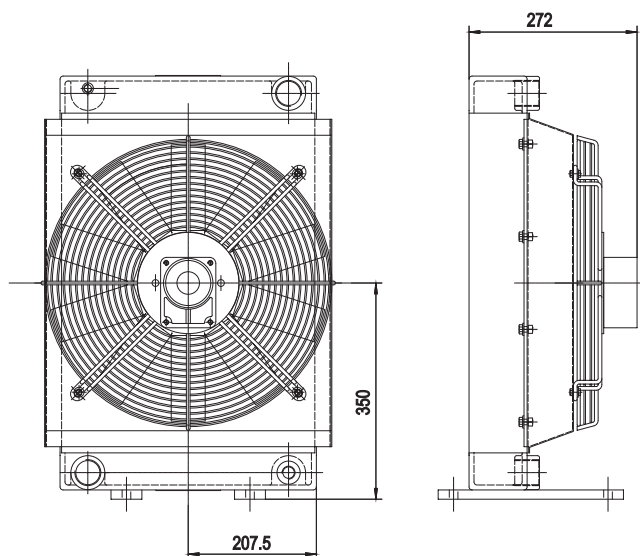
HPA 30



P/N 243003###



P/N 243012###
P/N 243024###



P/N 243056###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

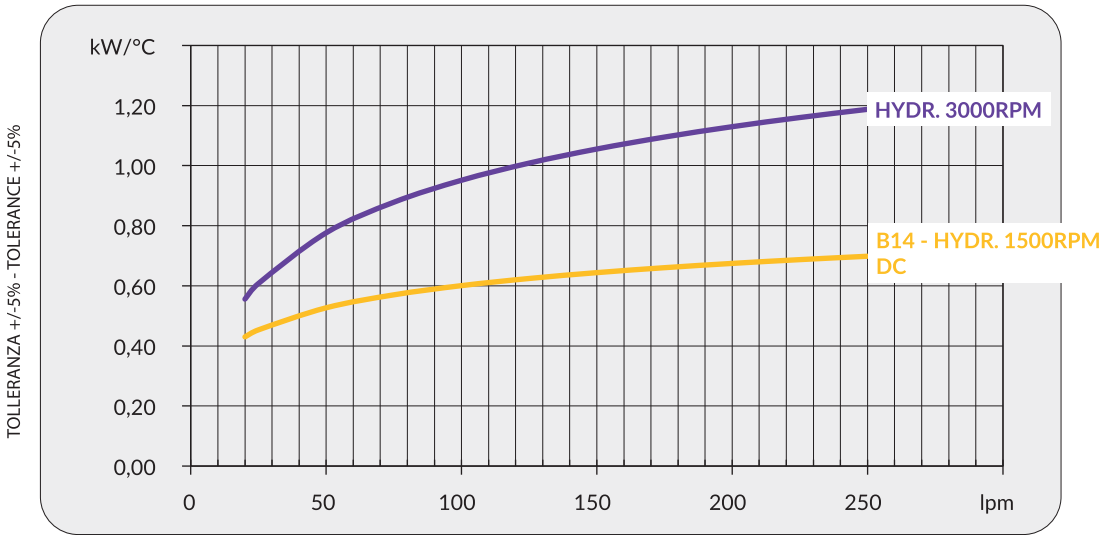


Dati tecnici Technical Data

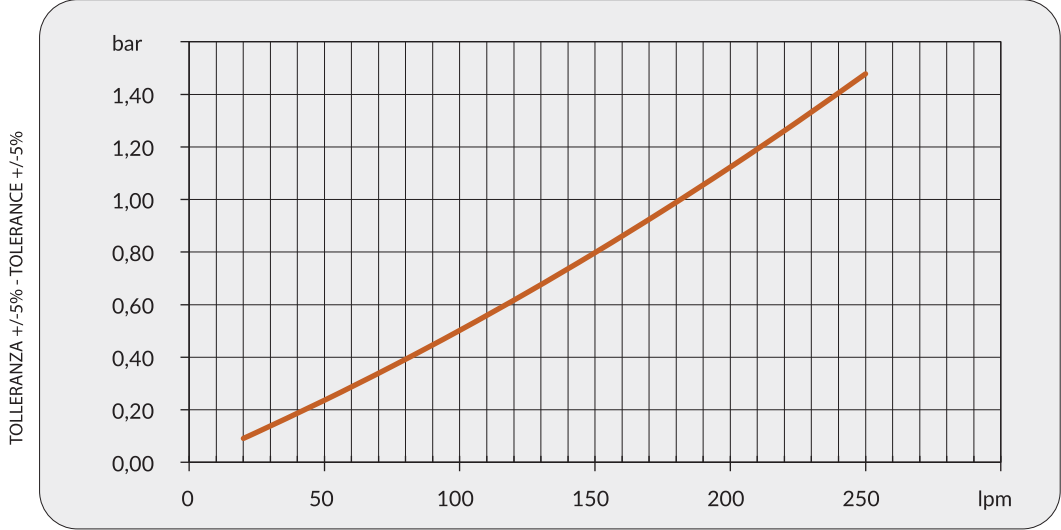
P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	lt	kg
243003###	230-400 B14 AC	50	0,75	3,1 - 1,8	1430	450	82	3100	55	6,8	37
	265-460 B14 AC	60	0,86	3,1 - 1,8	1715						
243012###	12 DC	/	0,17	13,9	2900	280	78	3050	68	6,8	32
243024###	24 DC	/	0,16	6,7	2900	280	78	3050	68	6,8	32
243056###	Prepared for Gr.2 hydraulic motor					450			/	6,8	35

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Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



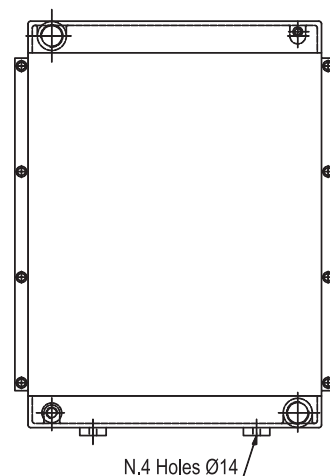
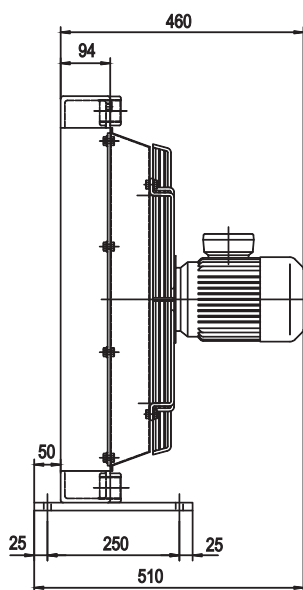
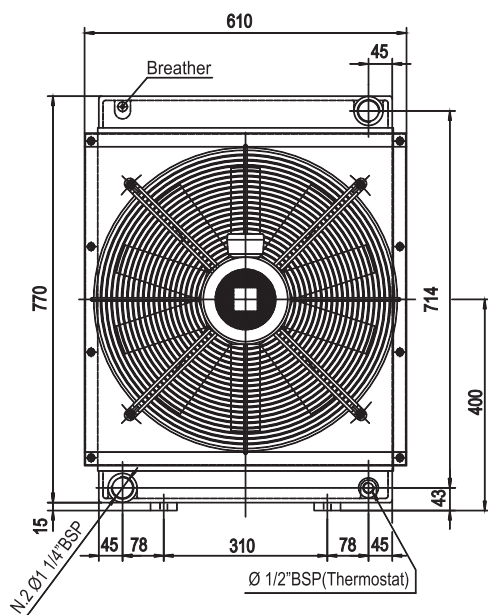
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

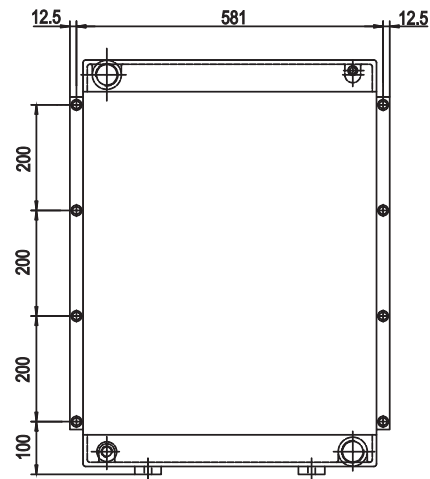
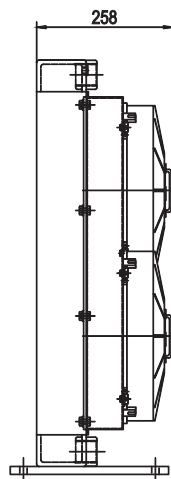
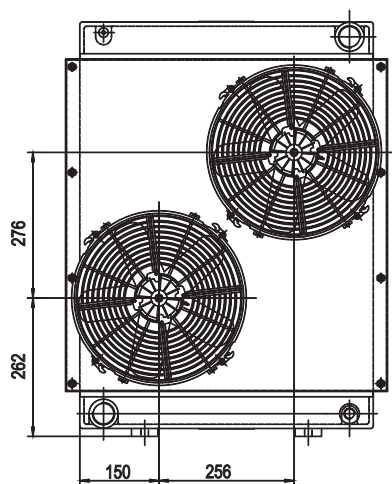


Serie HPA

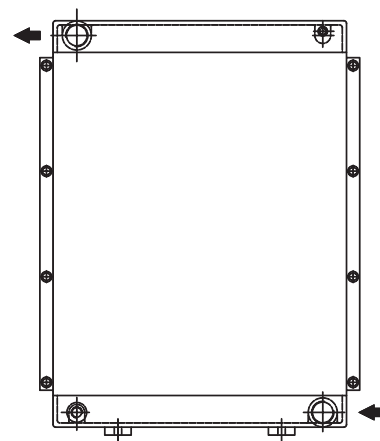
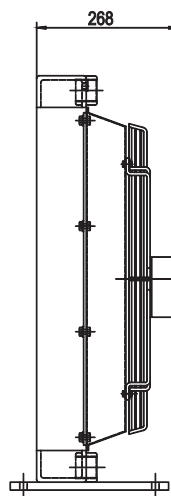
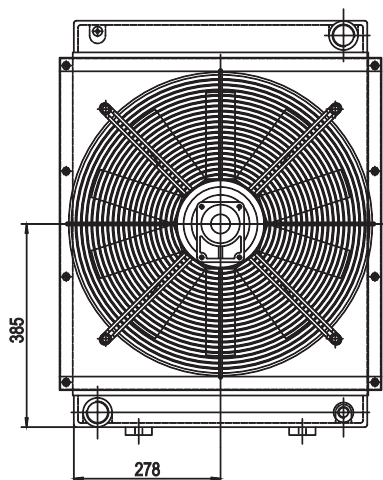
HPA 36



P/N 243603###



P/N 243612###
P/N 243624###



P/N 243656###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

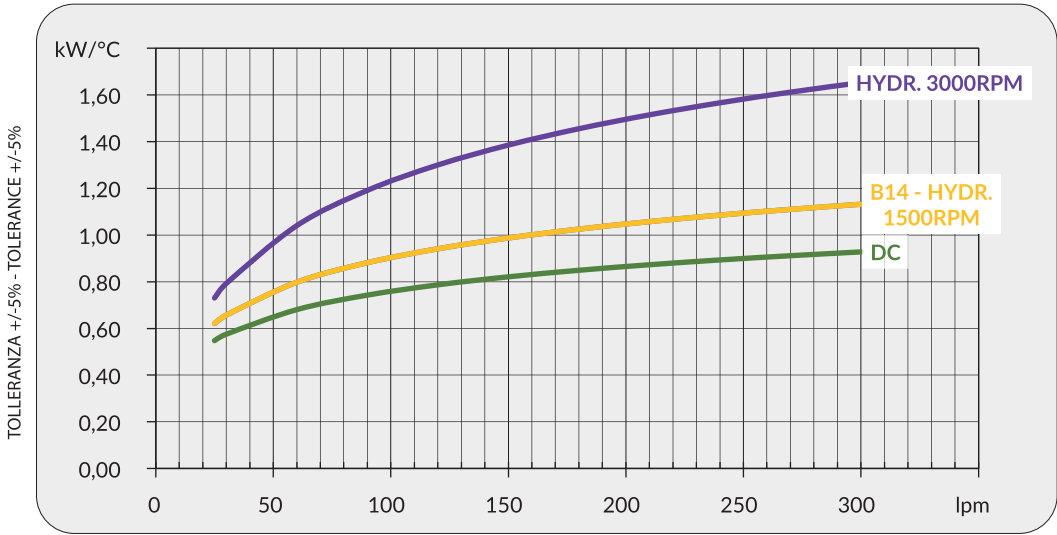


Dati tecnici *Technical Data*

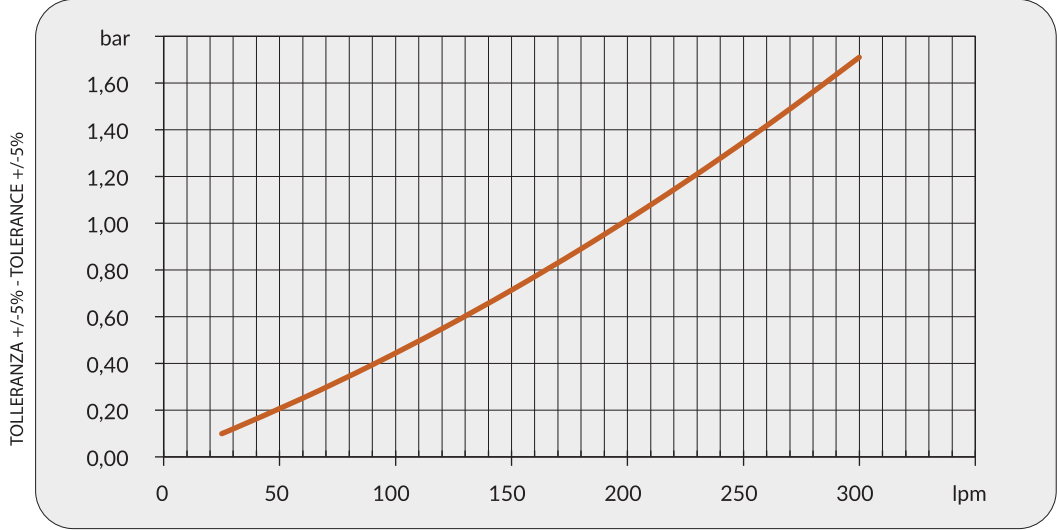
P/N	V	Hz	kW(±10%)	A (±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	lt	kg
243603###	230-400 B14 AC	50	1,1	4,5 - 2,6	1440	500	82	5420	55	9,4	60
	265-460 B14 AC	60	1,3	4,5 - 2,6	1730						
243612###	12 DC	/	0,19	16	3000	305	83	4100	68	9,4	50
243624###	24 DC	/	0,2	8,5	3000	305	84	4100	68	9,4	50
243656###	Prepared for Gr.2 hydraulic motor					500			/	9,4	52

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



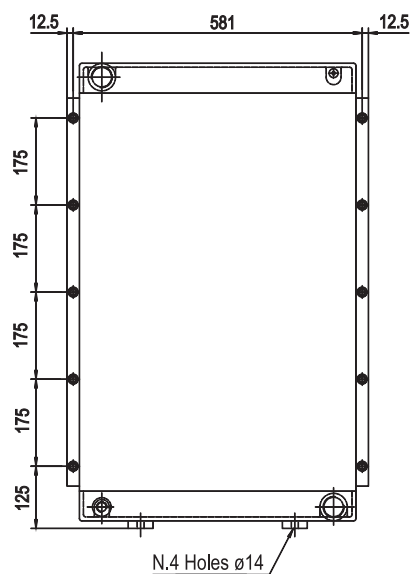
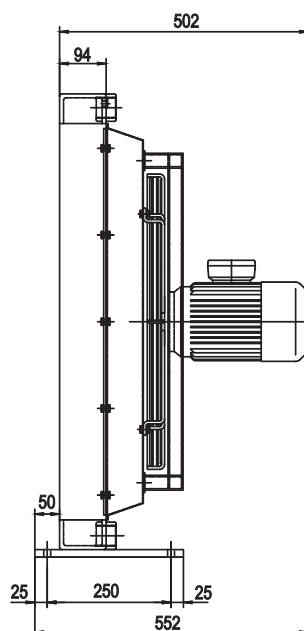
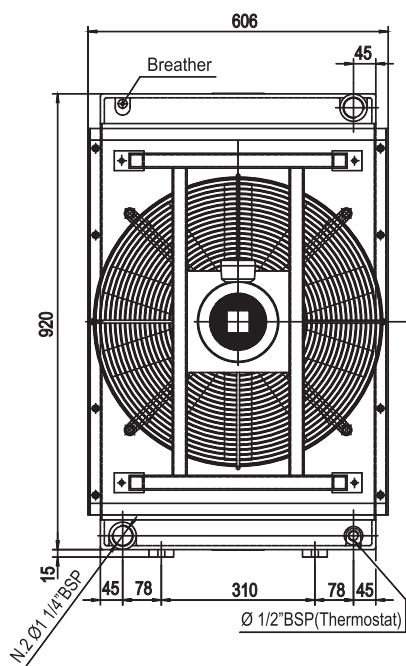
Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

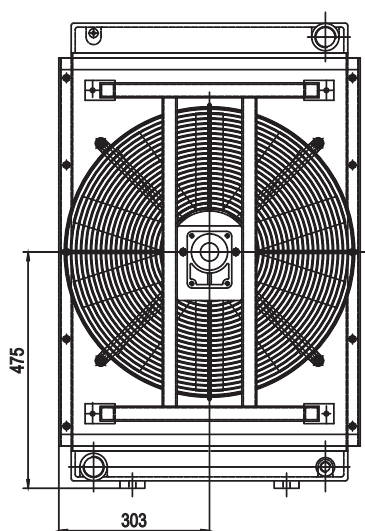


Serie HPA

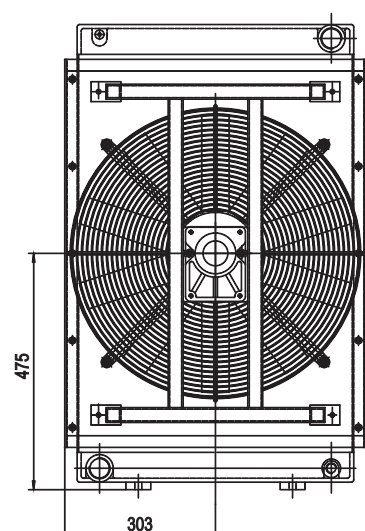
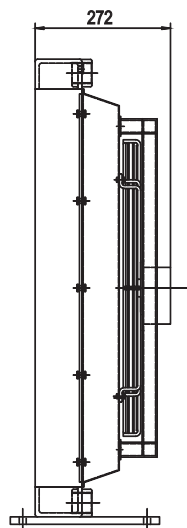
HPA 42



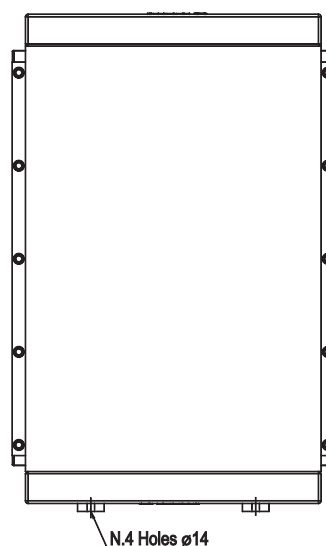
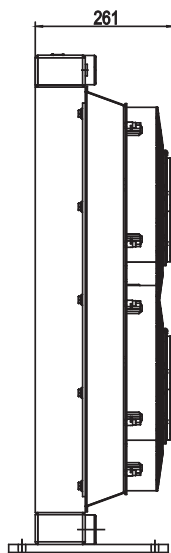
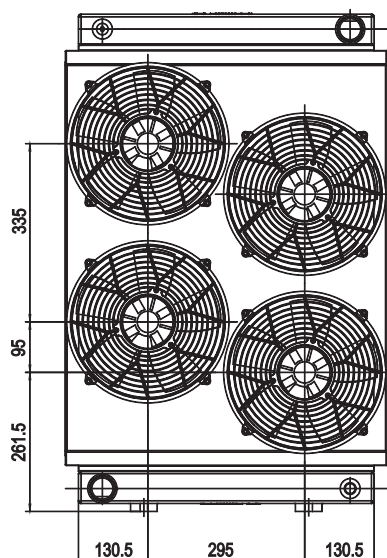
P/N 244203###



P/N 244256###



P/N 244258###



P/N 244212###
P/N 244224###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



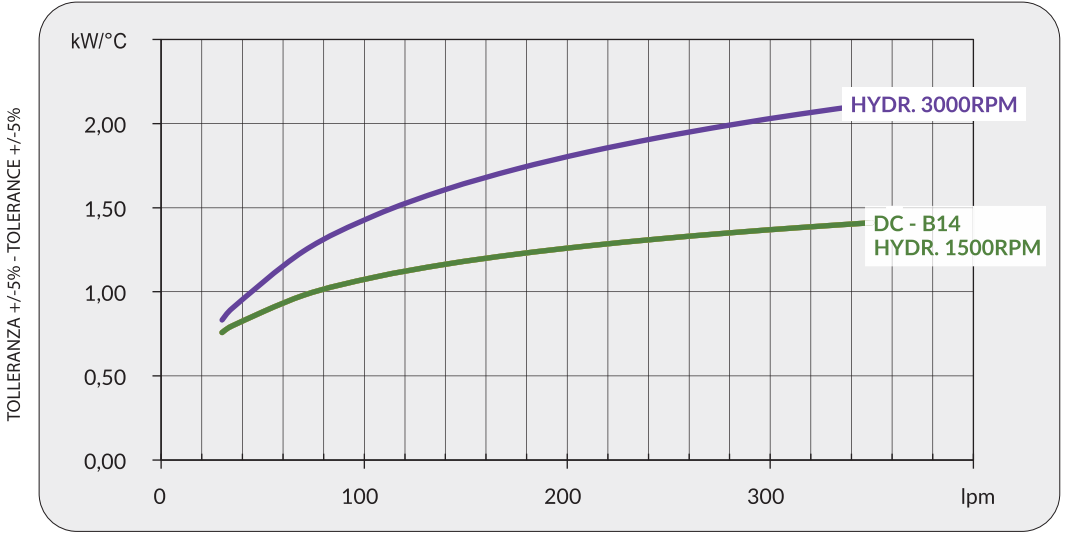
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	It	kg
244203###	230-400 B14 AC	50	1,1	4,5 - 2,6	1440	560	84	6820	55	10,6	65
	265-460 B14 AC	60	1,3	4,5 - 2,6	1730						
244256###	Prepared for Gr.2 hydraulic motor					560			/	10,6	58
244258###	Prepared for Gr.3 hydraulic motor					560			/	10,6	58
244212###	12V	-	0,19	14,3	2920	280		6820	68	10,6	58
244224###	24V	-	0,18	6,8	2920	280		6820	68	10,6	58

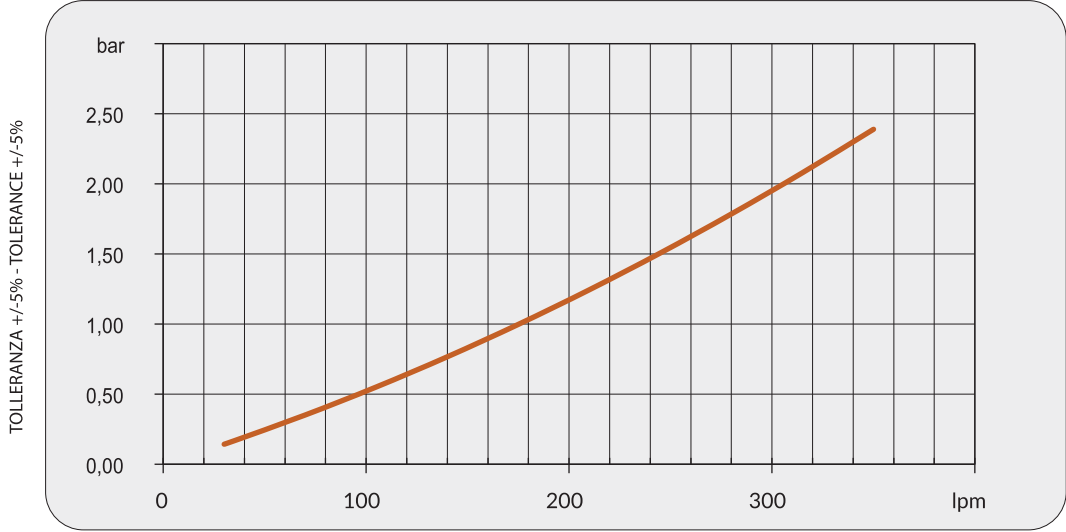
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



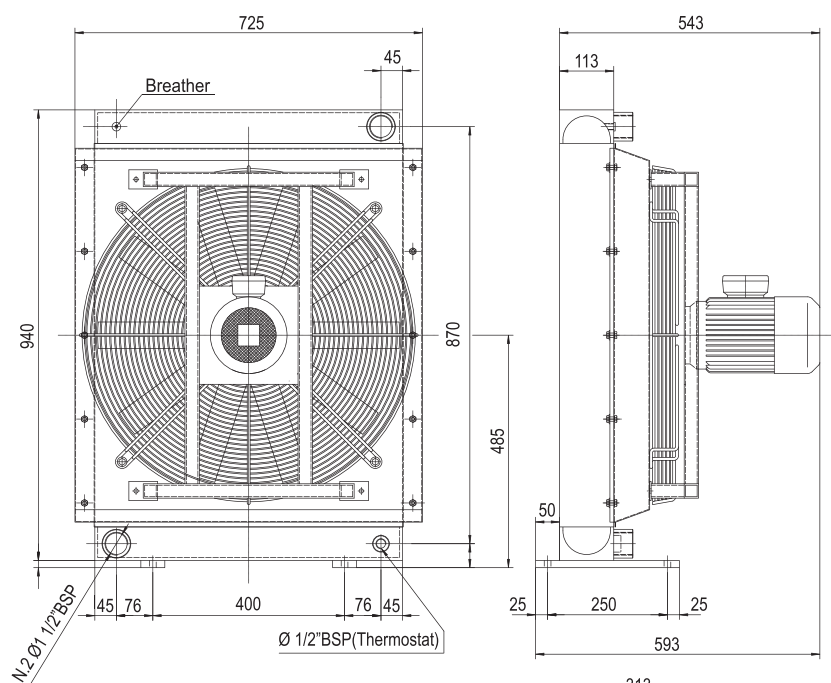
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

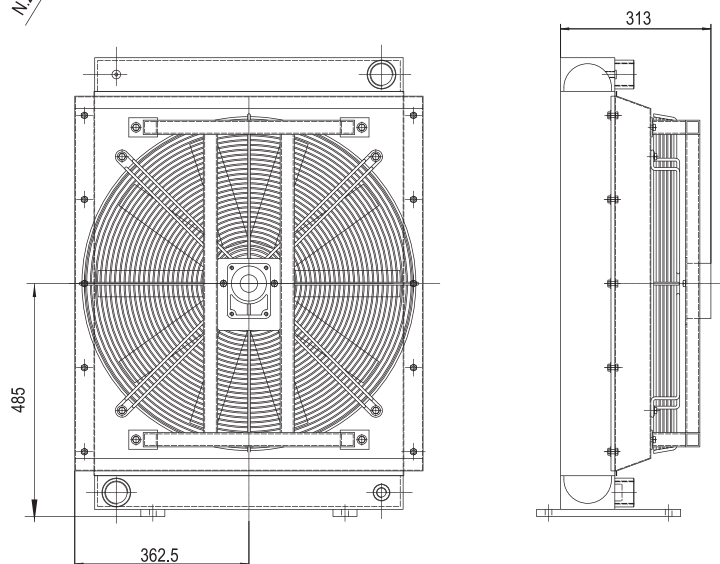


Serie HPA

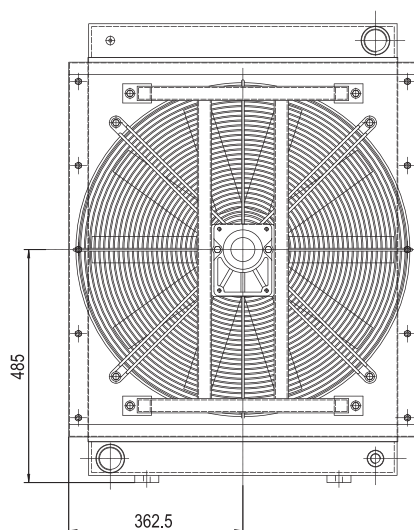
HPA 50



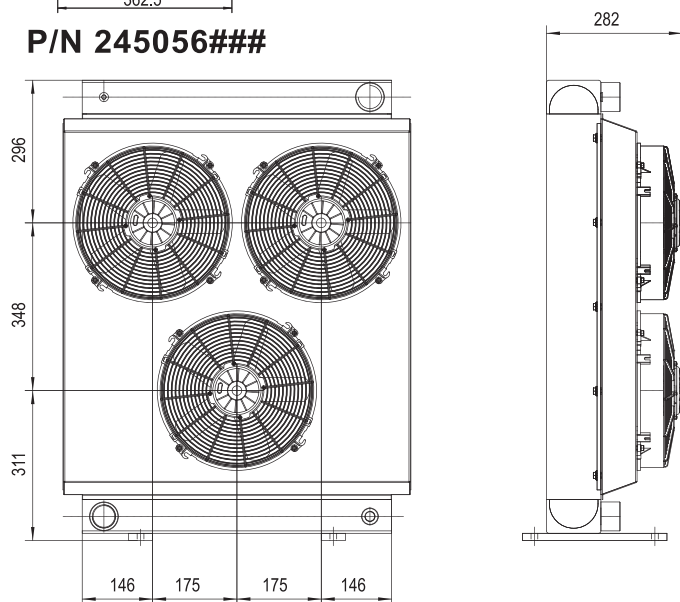
P/N 245003###



P/N 245056###



P/N 245058###



P/N 245012###
P/N 245024###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



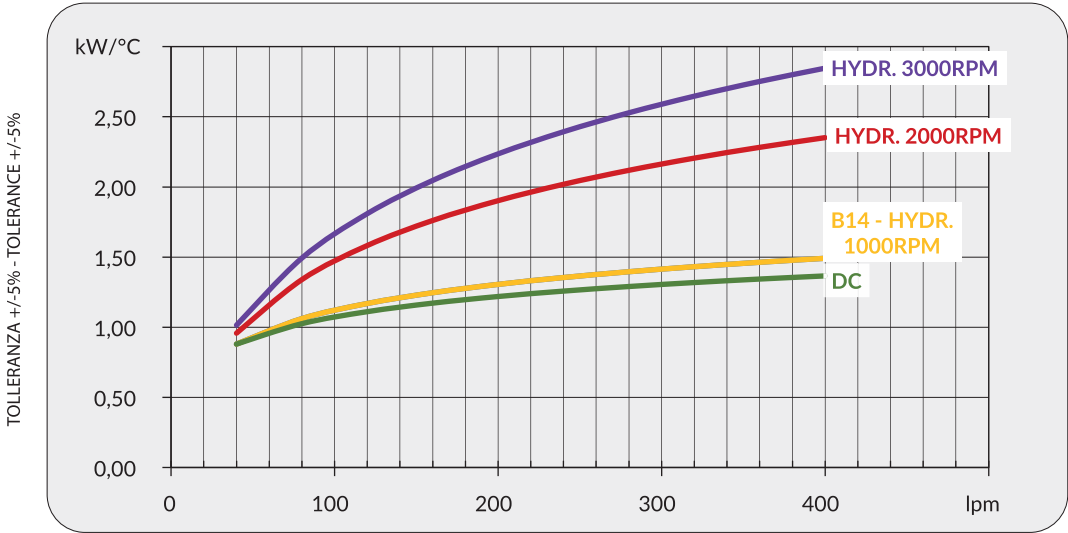
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
245003###	230-400 B14 AC	50	1,1	5 - 2,9	950	630	80	5910	55	14,2	90
	265-460 B14 AC	60	1,3	5 - 2,9	1140						
245056###	Prepared for Gr.2 hydraulic motor					630			/	14,2	83
245058###	Prepared for Gr.3 hydraulic motor					630			/	14,2	83
245012###	12	-	0,21	16,1		305			68	14,2	83
245024###	24	-	0,21	8,5		305			68	14,2	83

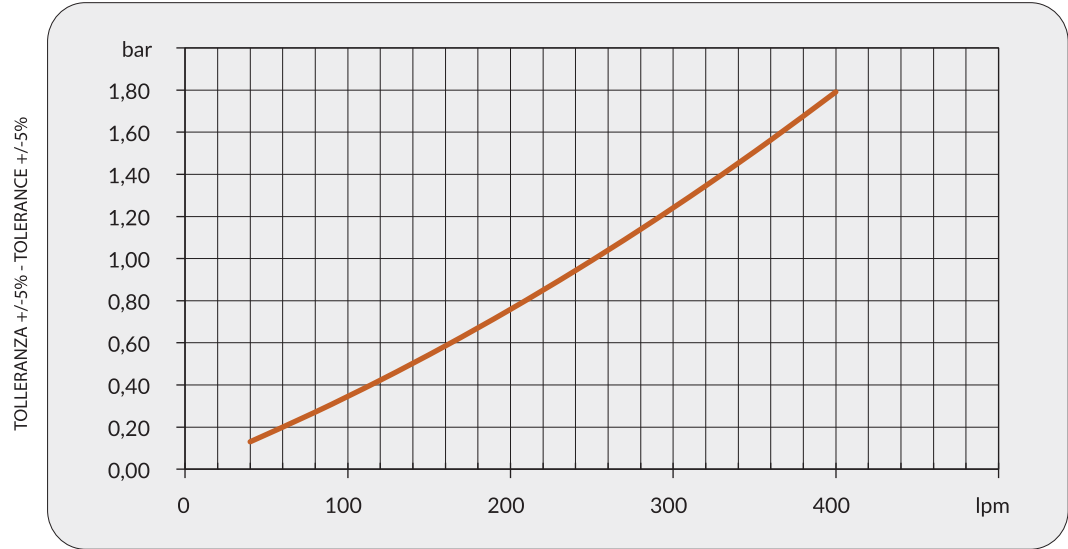
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



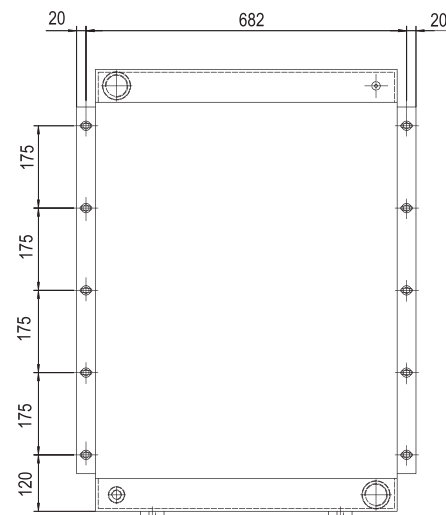
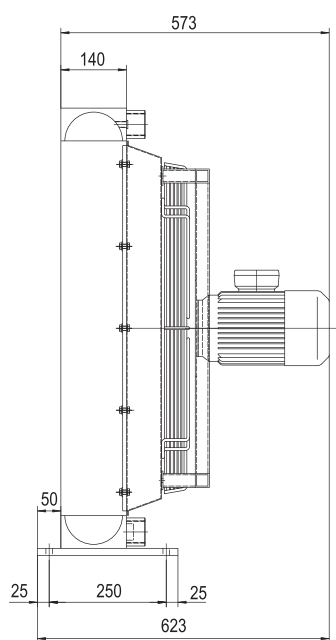
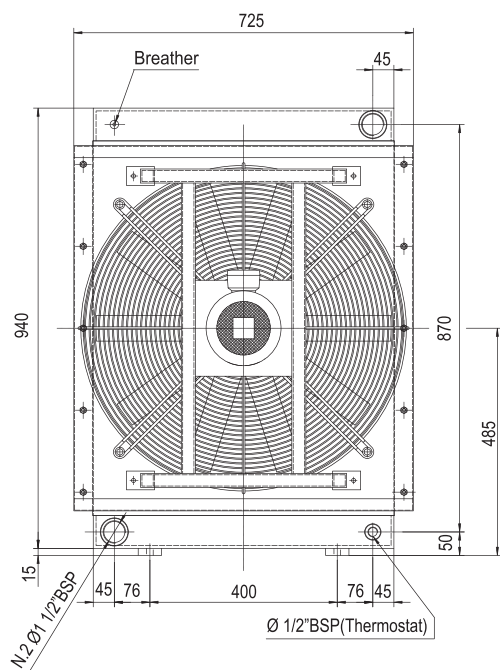
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

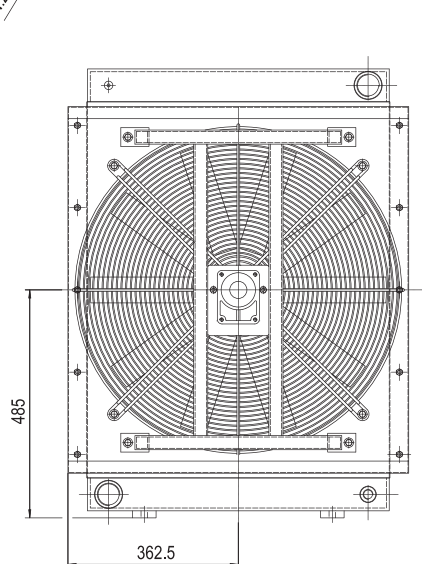


Serie HPA

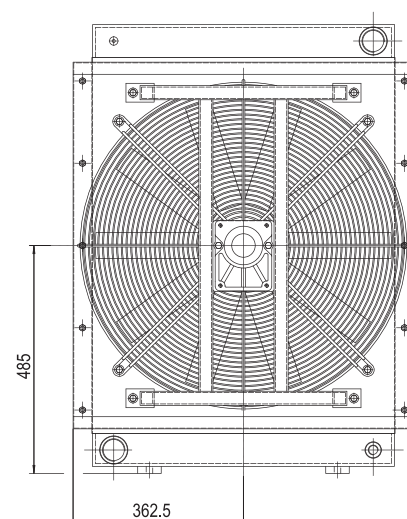
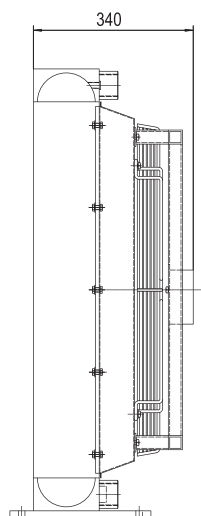
HPA 52



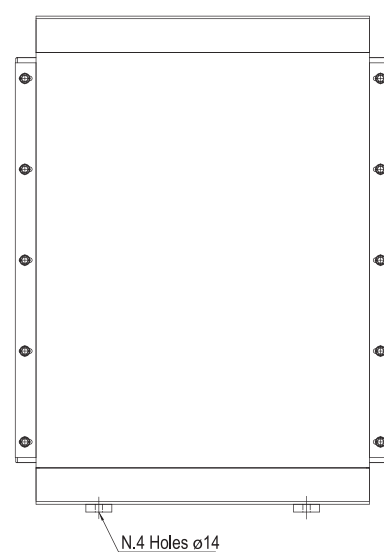
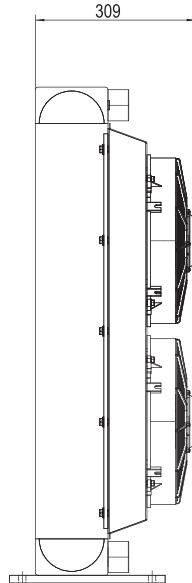
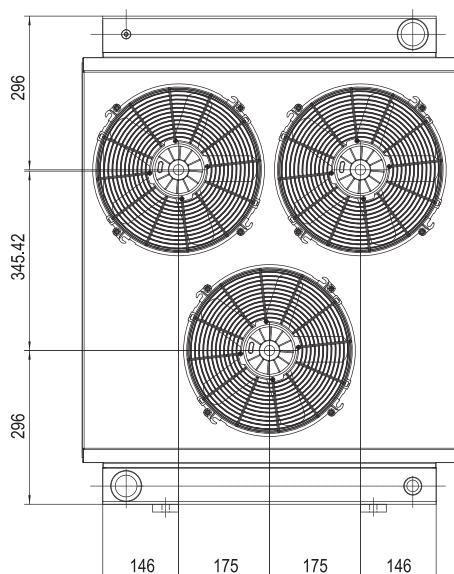
P/N 245203###



P/N 245256###



P/N 245258###



P/N 245212###
P/N 245224###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



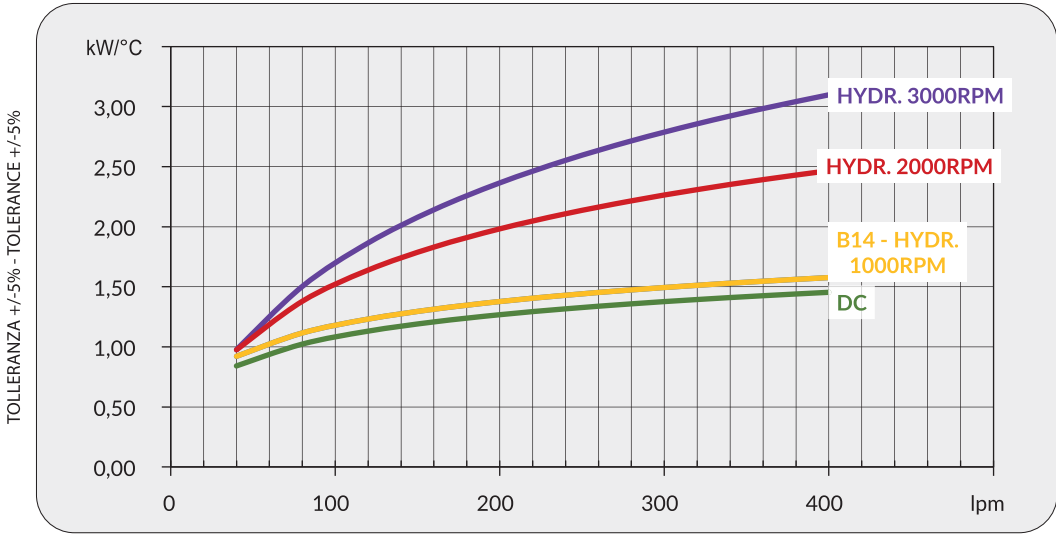
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
245203###	230-400 B14 AC	50	1,1	5 - 2,9	950	630	80	5260	55	17,7	95
	265-460 B14 AC	60	1,3	5 - 2,9	1140						
245256###	Prepared for Gr.2 hydraulic motor					630			/	17,7	89
245258###	Prepared for Gr.3 hydraulic motor					630			/	17,7	89
245212###	12	-	0,21	16,1		305			68	17,7	89
245224###	24	-	0,22	8,5		305			68	17,7	89

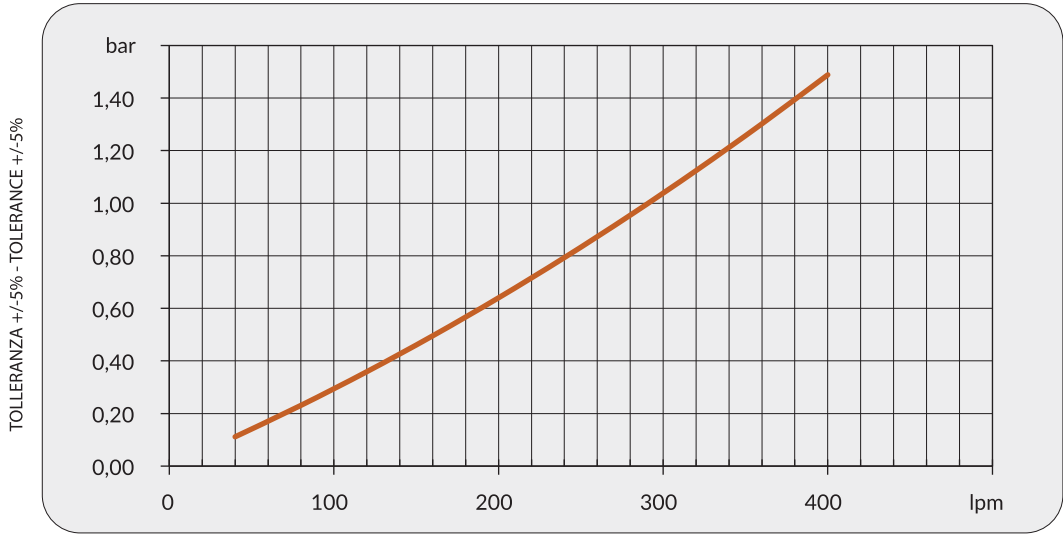
I dati si riferiscono al singolo ventilatore
Data refers to each fan

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Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



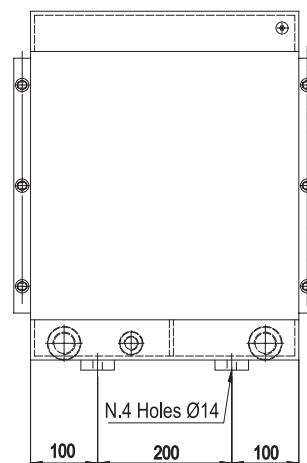
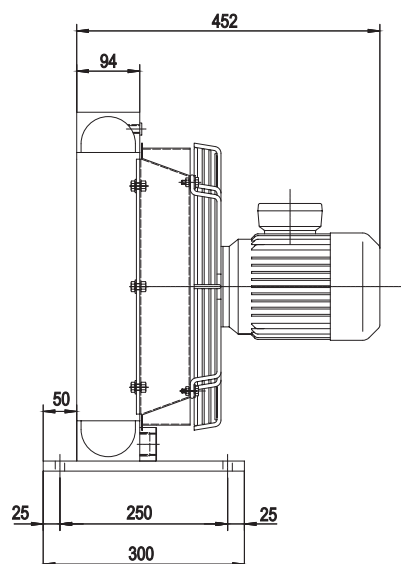
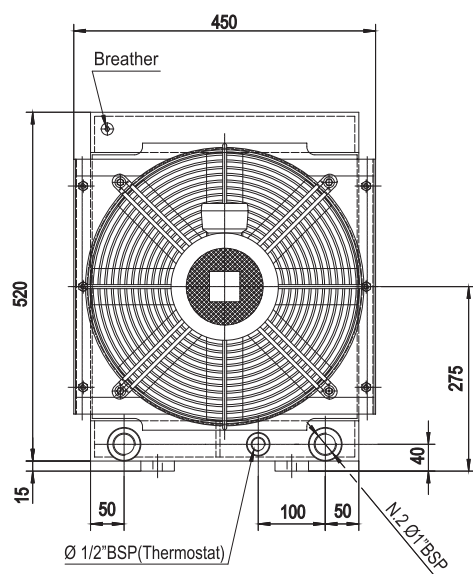
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

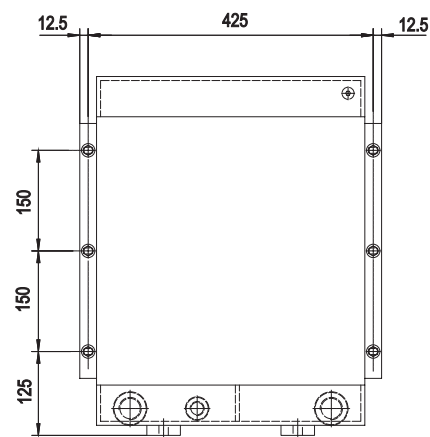
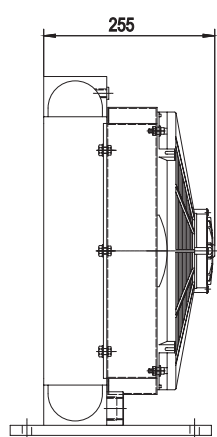
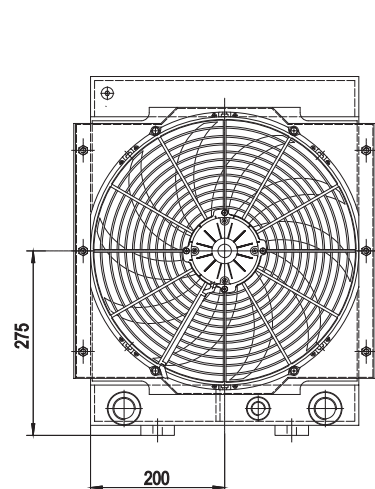


Serie HPA

HPA 24 2 PASS

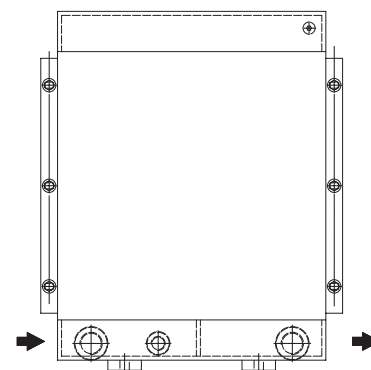
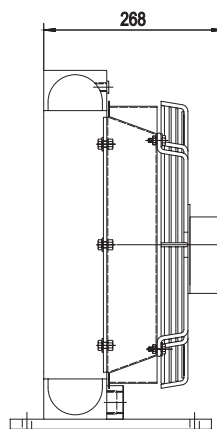
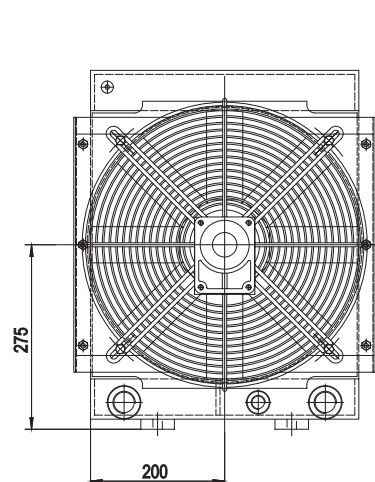


P/N 242703###



P/N 242712###

P/N 242724###



P/N 242756###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

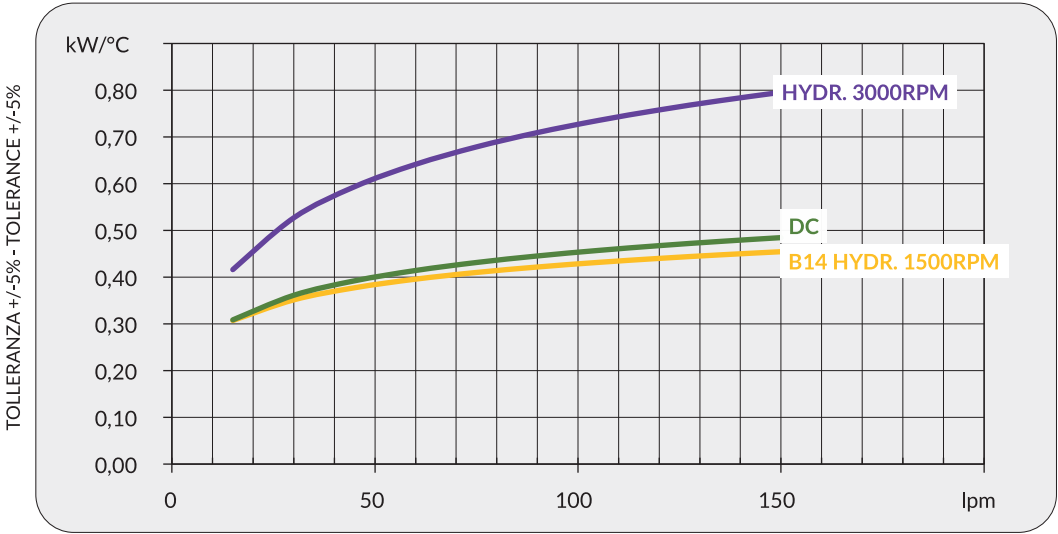


Dati tecnici Technical Data

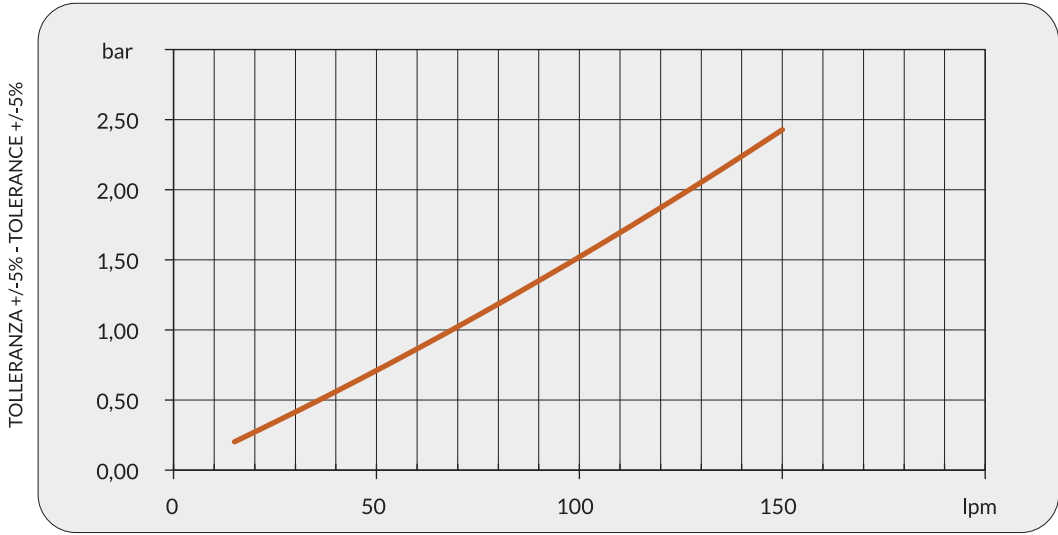
P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	It	kg
242703###	230-400 B14 AC	50	0,55	2,5 - 1,5	1420	400	79	1850	55	2,9	28
	265-460 B14 AC	60	0,63	2,5 - 1,5	1710						
242712###	12 DC	/	0,24	20,3	2380	385	77	2250	68	2,9	22
242724###	24 DC	/	0,23	9,7	2580	305	80	2250	68	2,9	22
242756###	Prepared for Gr.2 hydraulic motor					400			/	2,9	23

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Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



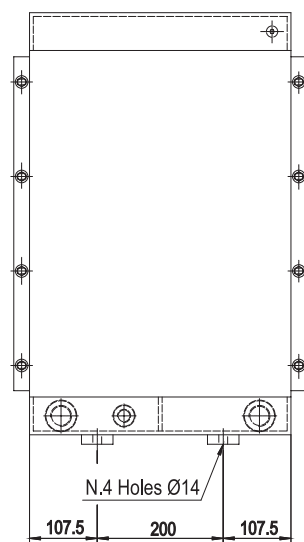
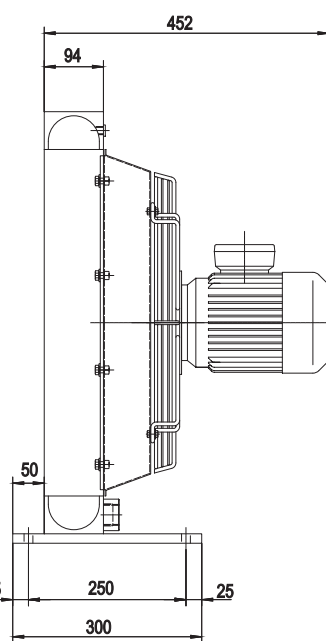
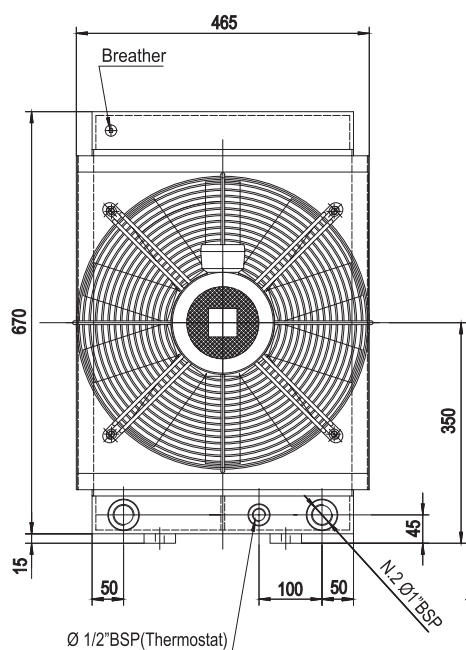
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

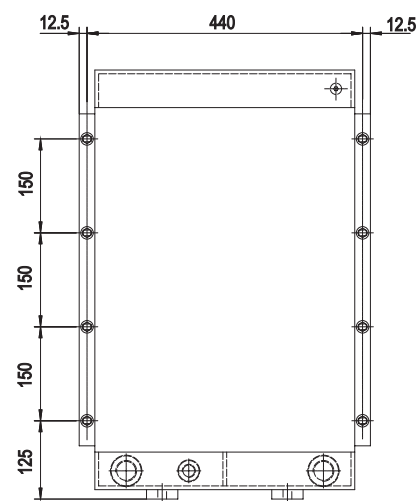
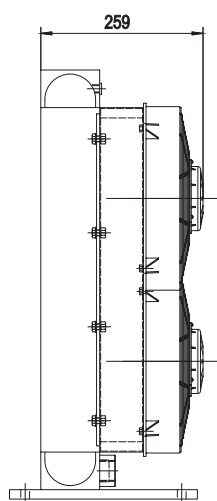
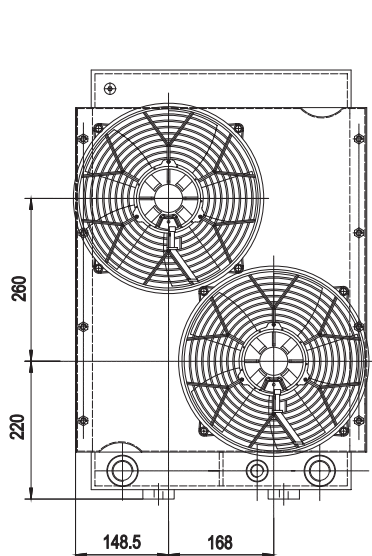


Serie HPA

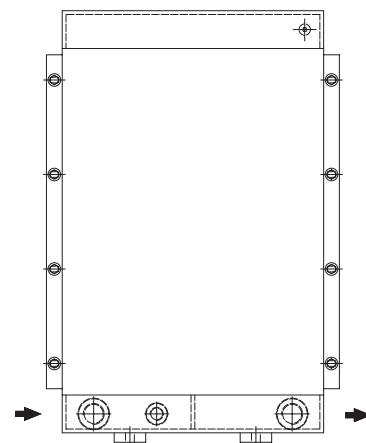
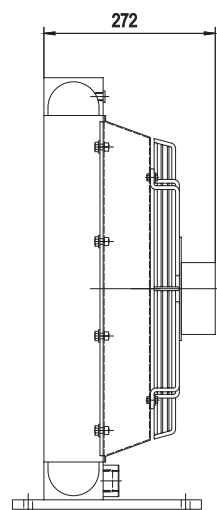
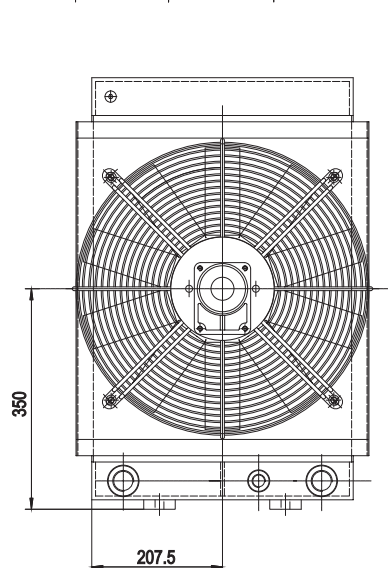
HPA 30 2 PASS



P/N 243303###



P/N 243312###
P/N 243324###



P/N 243356###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



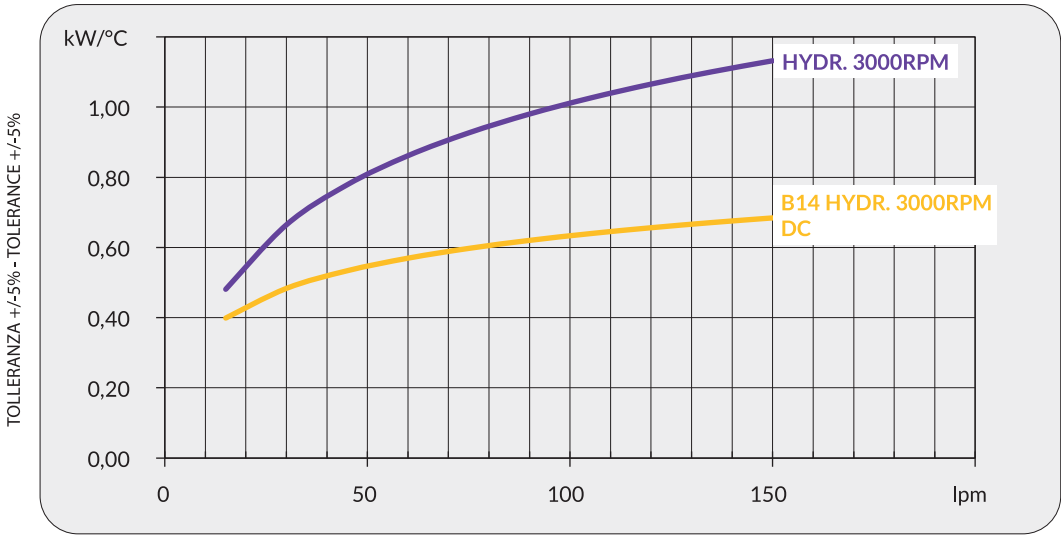
Dati tecnici *Technical Data*

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	It	kg
243303###	230-400 B14 AC	50	0,75	3,1 - 1,8	1430	450	82	3100	55	6,8	37
	265-460 B14 AC	60	0,86	3,1 - 1,8	1715						
243312###	12 DC	/	0,17	13,9	2530	280	74	3050	68	6,8	32
243324###	24 DC	/	0,16	6,7	2900	280	78	3050	68	6,8	32
243356###	Prepared for Gr.2 hydraulic motor					450			/	6,8	35

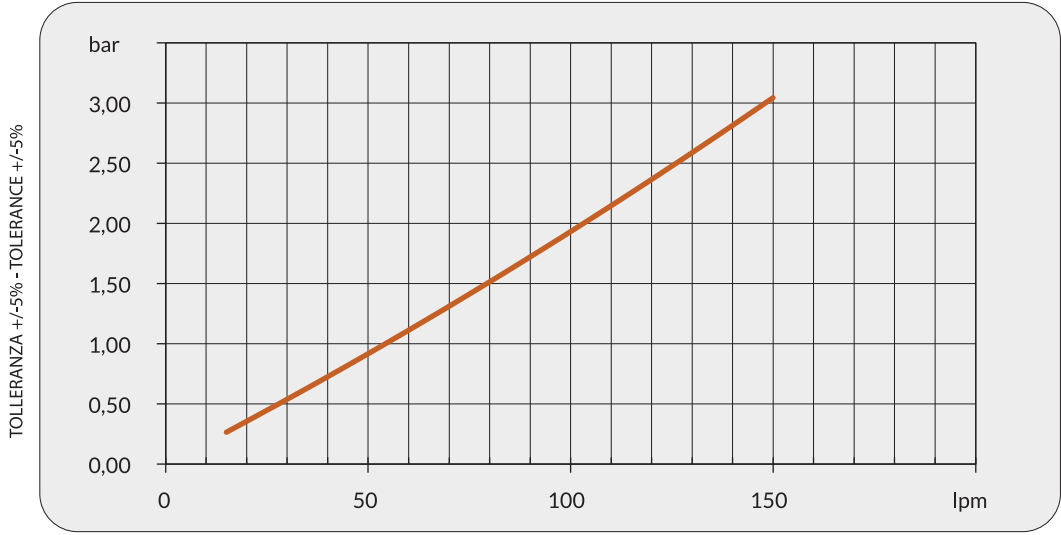
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



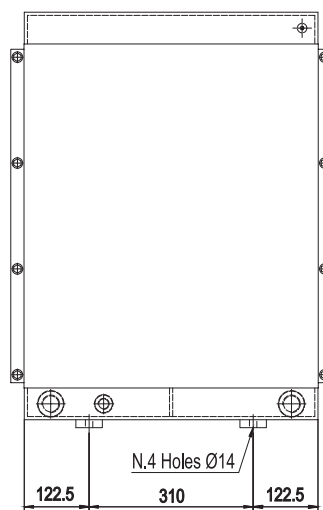
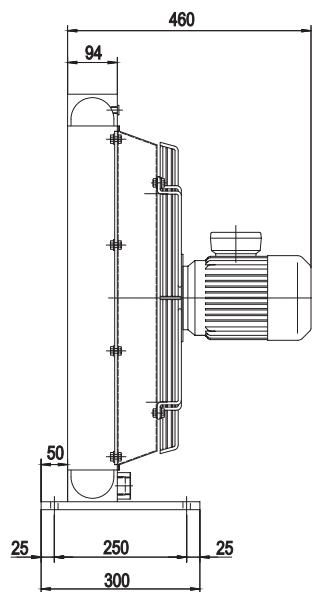
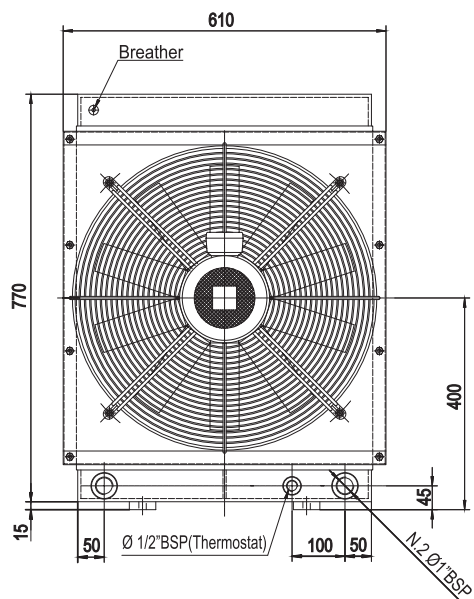
Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

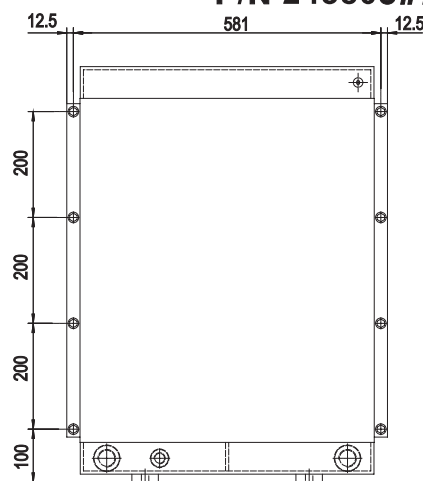
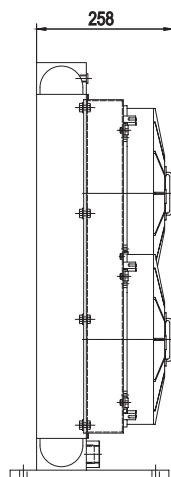
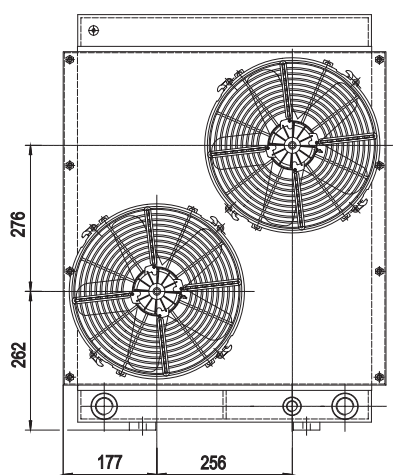


Serie HPA

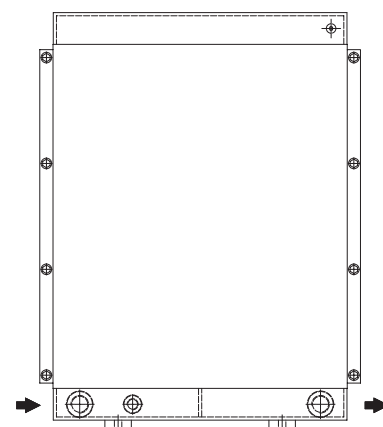
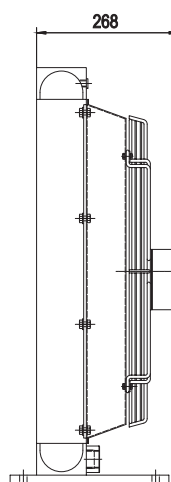
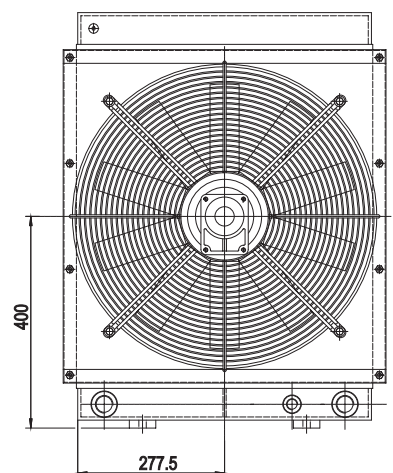
HPA 36 2 PASS



P/N 243803###



P/N 243812###
P/N 243824###



P/N 243856###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



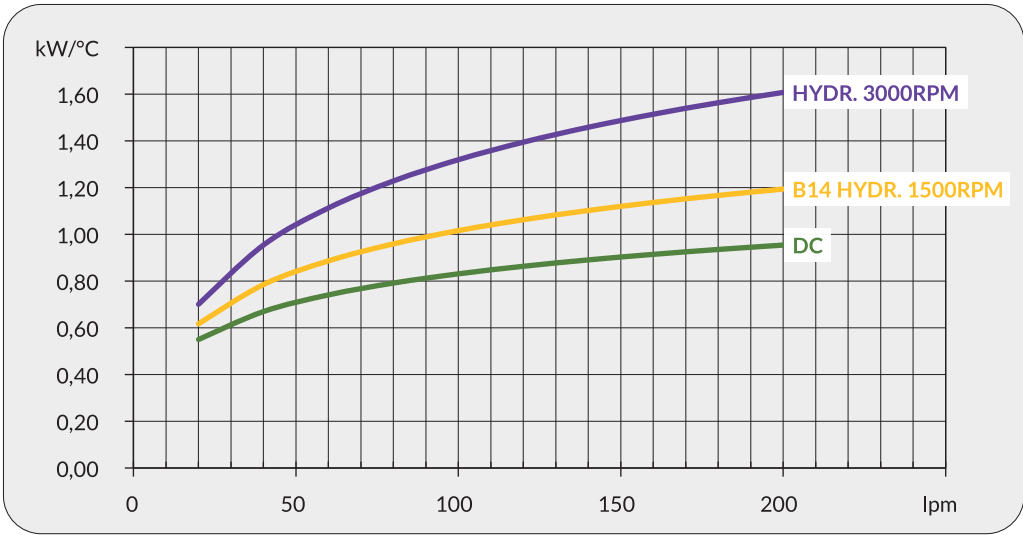
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/h)	IP	lt	kg
243803###	230-400 B14 AC	50	1,1	4,5 - 2,6	1440	500	82	5420	55	9,4	60
	265-460 B14 AC	60	1,3	4,5 - 2,6	1730						
243812###	12 DC	/	0,19	16	3000	305	83	4100	68	9,4	50
243824###	24 DC	/	0,2	8,5	3000	305	84	4100	68	9,4	50
243856###	Prepared for Gr.2 hydraulic motor					500			/	9,4	52

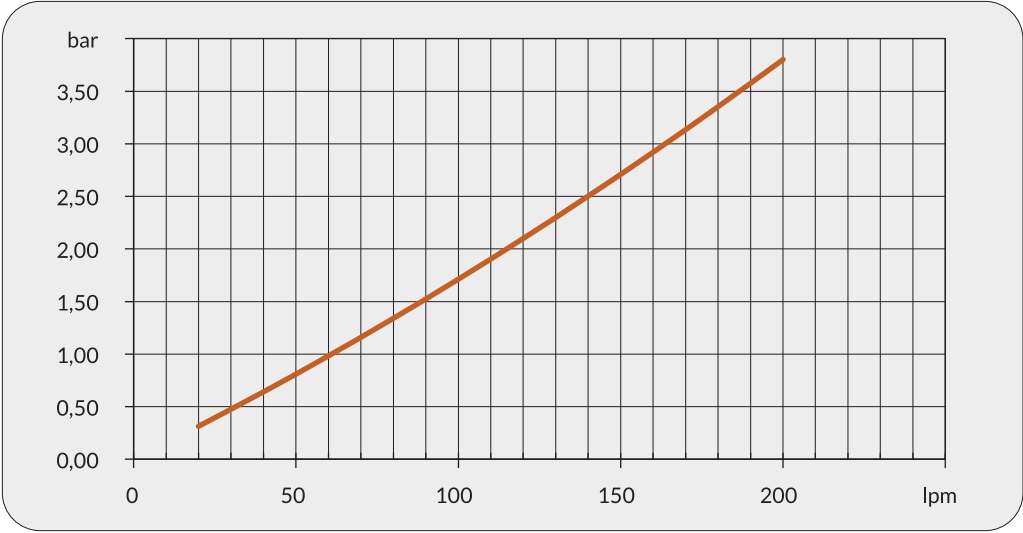
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



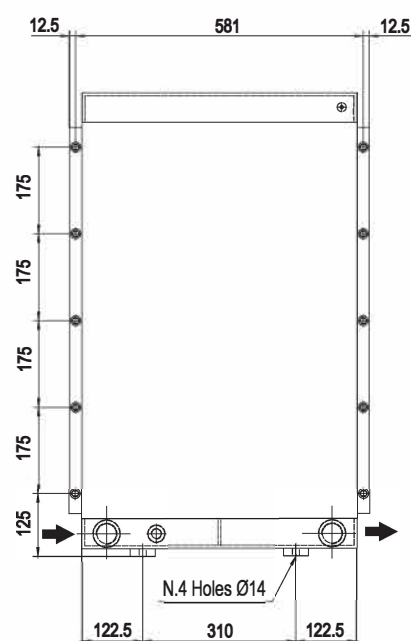
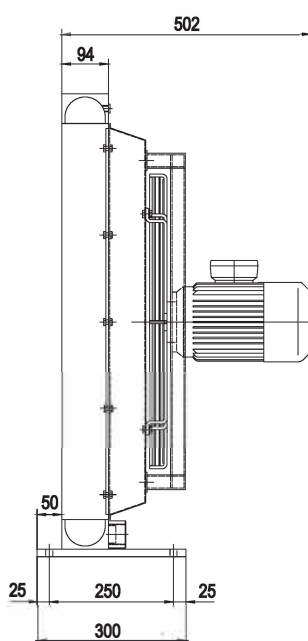
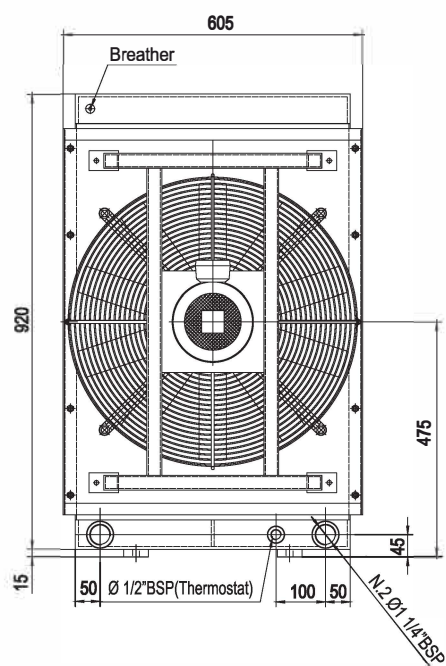
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

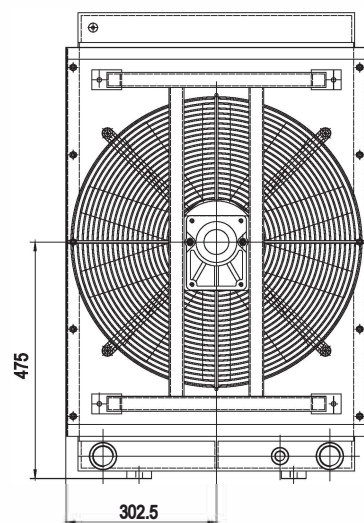
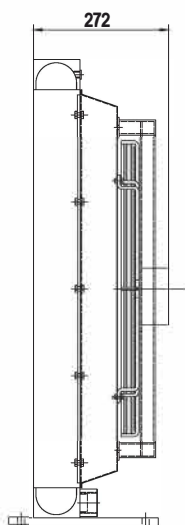
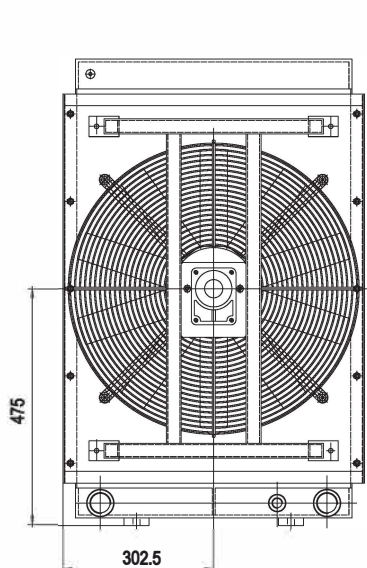


Serie HPA

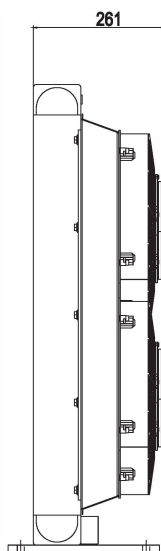
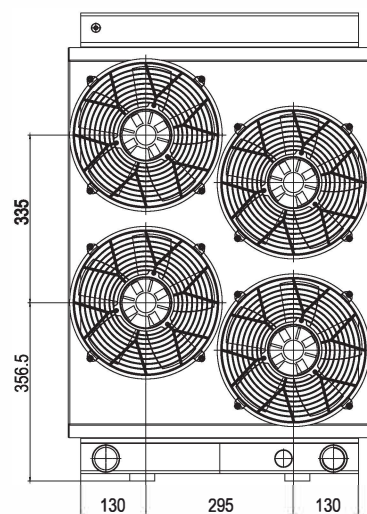
HPA 42 2 PASS



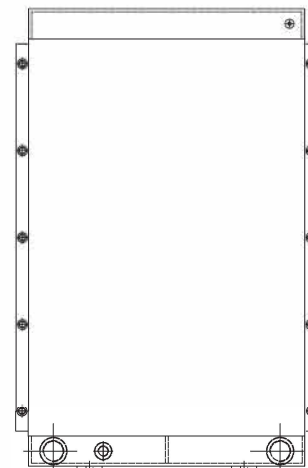
P/N 244503###



P/N 244556###



P/N 244558###



P/N 244512###
P/N 244524###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



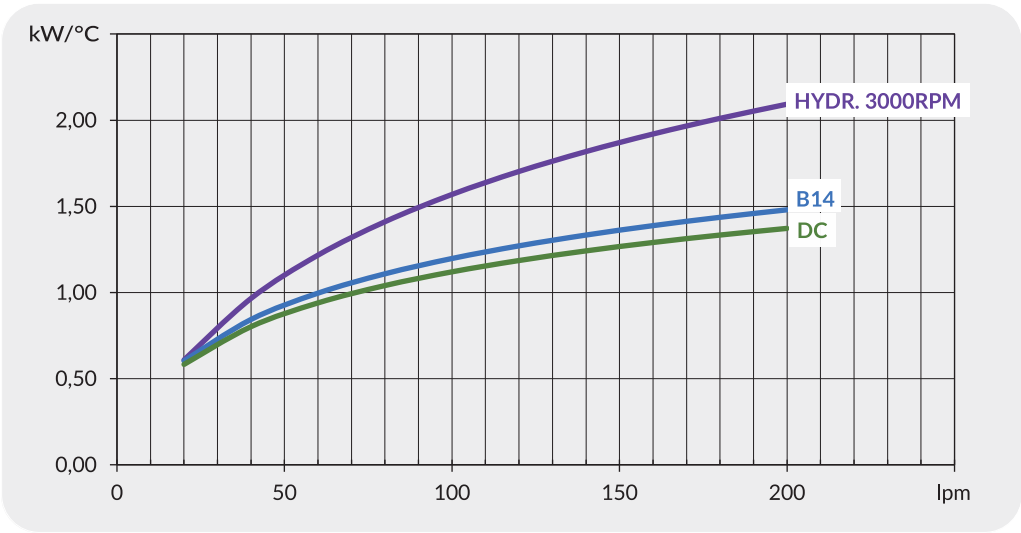
Dati tecnici *Technical Data*

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/h)	IP	It	kg
244503###	230-400 B14 AC	50	1,1	4,5-2,6	1440	560	84	6850	55	10,6	65
	265-460 B14 AC	60	1,3	4,5-2,6	1730						
244556###	Prepared for Gr.2 hydraulic motor					560			/	10,6	58
244558###	Prepared for Gr.3 hydraulic motor					560			/	10,6	58
244512###	12V	-	0,19	14,3	2920	280			68	10,6	58
244524###	24V	-	0,18	6,8	2920	280			68	10,6	58

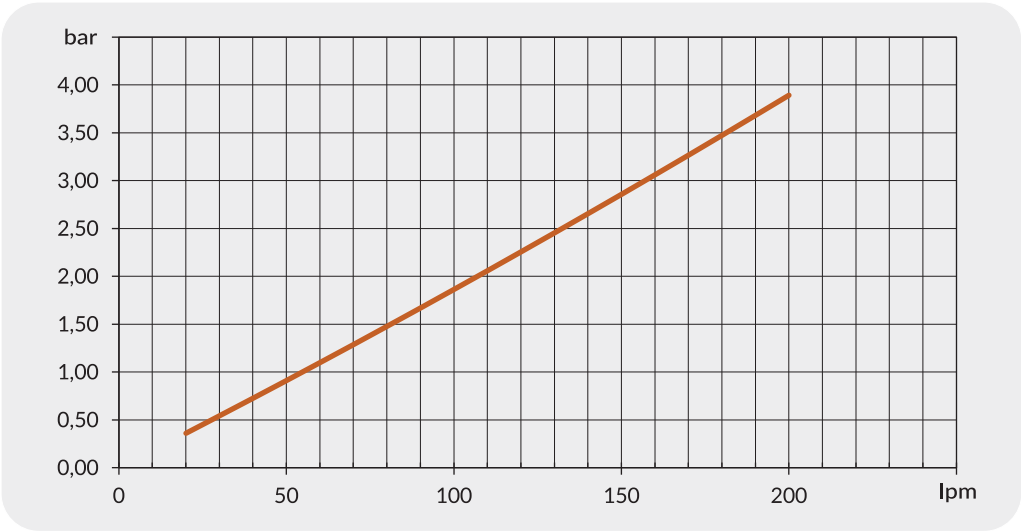
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



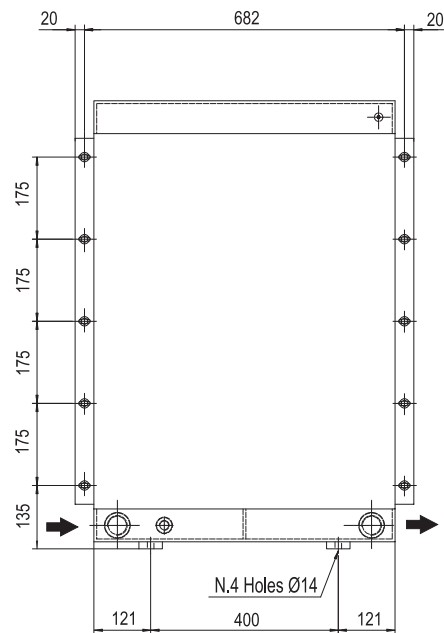
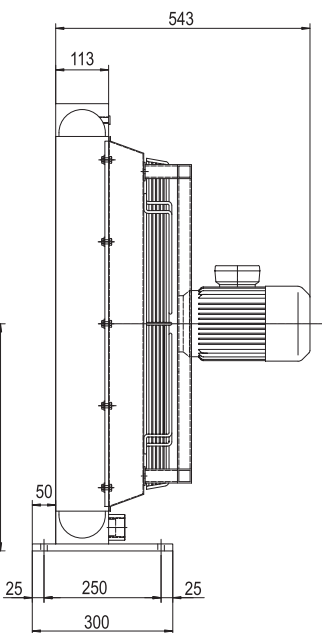
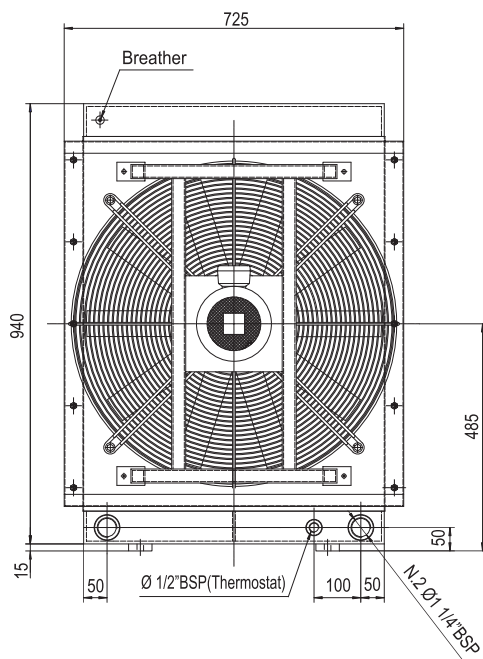
Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

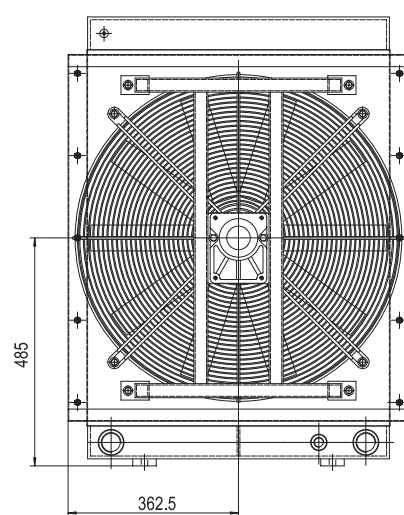
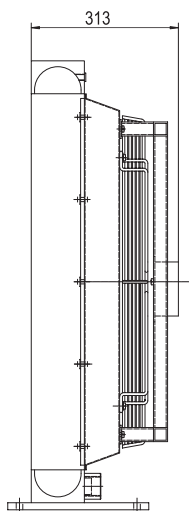
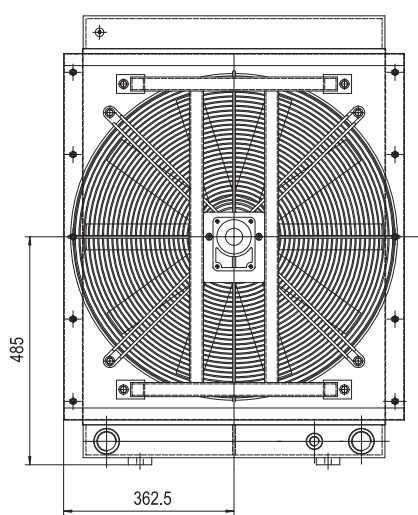


Serie HPA

HPA 50 2 PASS

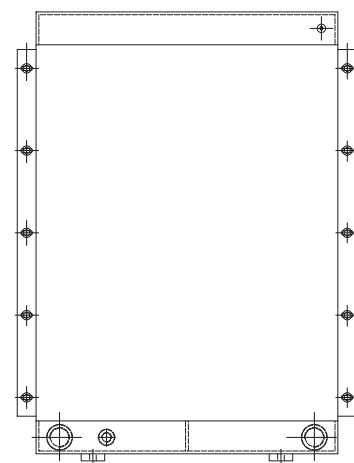
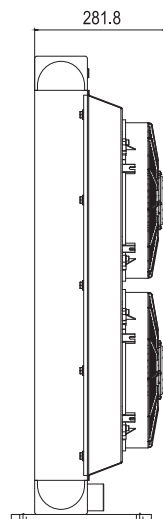
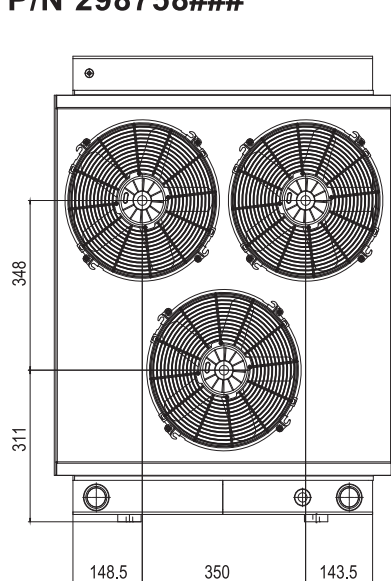


P/N 298703###



P/N 298756###

P/N 298758###



P/N 298712###
P/N 298724###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



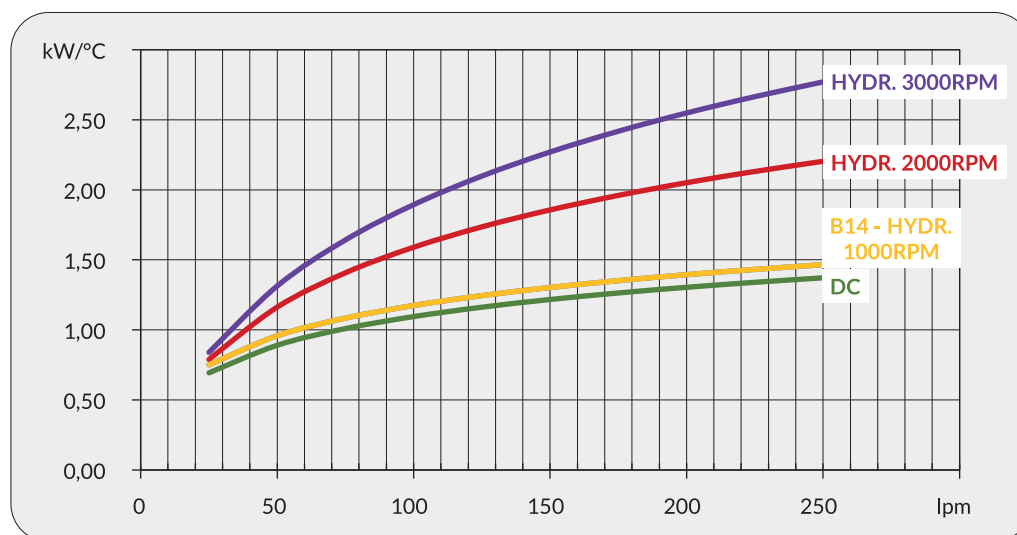
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/h)	IP	It	kg
298703###	230-400 B14 AC	50	1,1	5-2,9	936	630	80	7550	55	14,2	90
	265-460 B14 AC	60	1,3	5-2,9	1123						
298756###	Prepared for Gr.2 hydraulic motor					630			/	14,2	83
298758###	Prepared for Gr.3 hydraulic motor					630			/	14,2	83
298712###	12	-	0,21	16,1		305			68	14,2	83
298724###	24	-	0,21	8,5		305			68	14,2	83

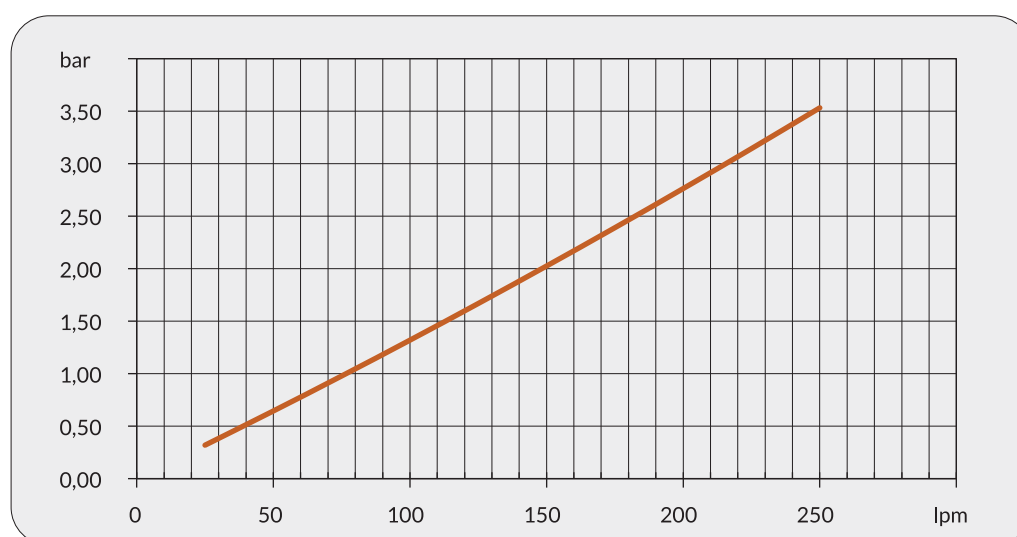
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



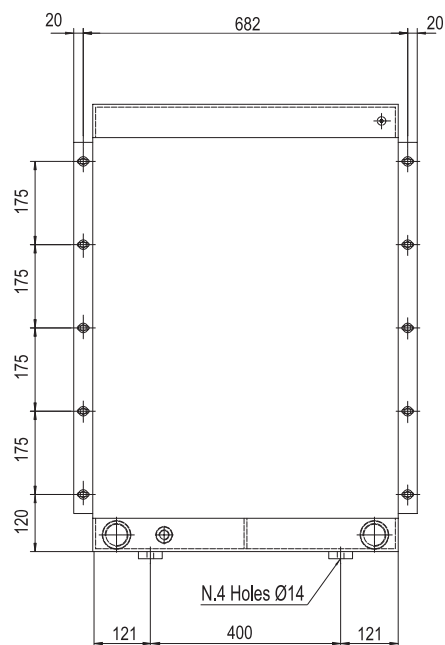
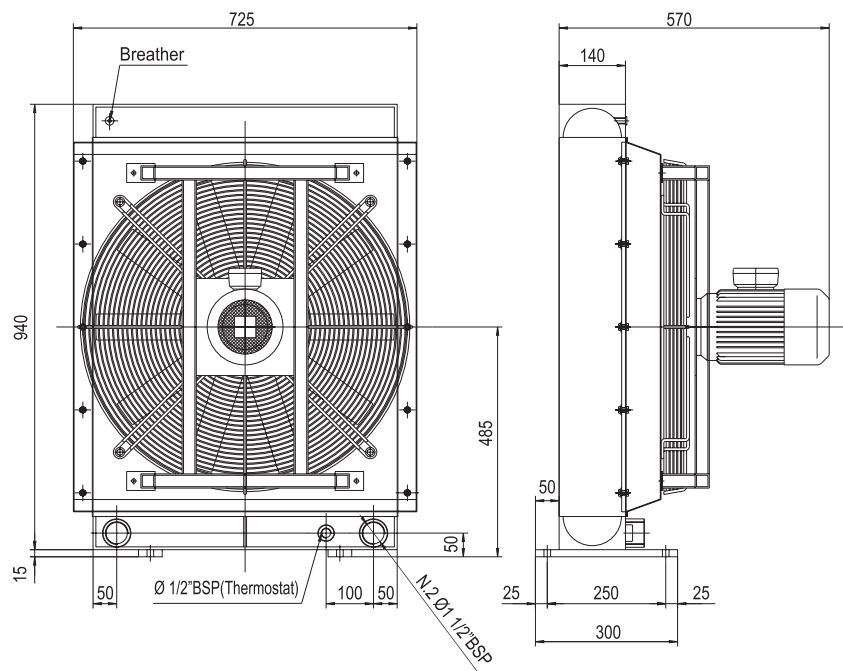
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

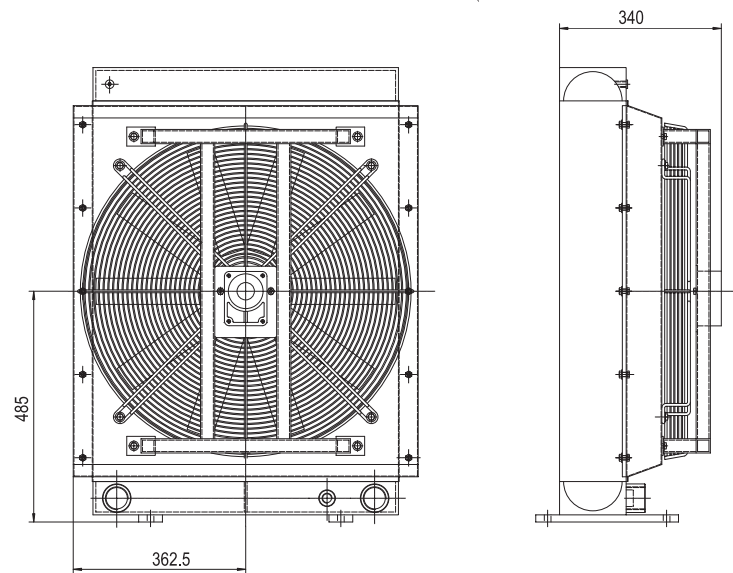


Serie HPA

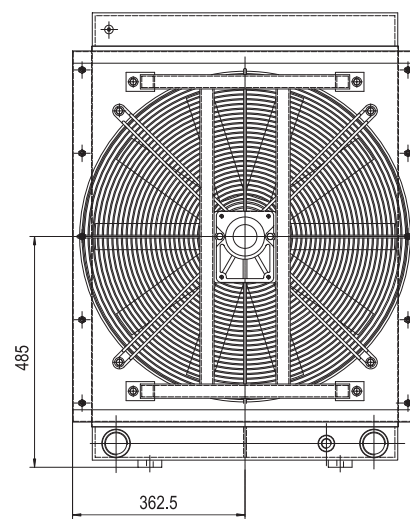
HPA 52 2 PASS



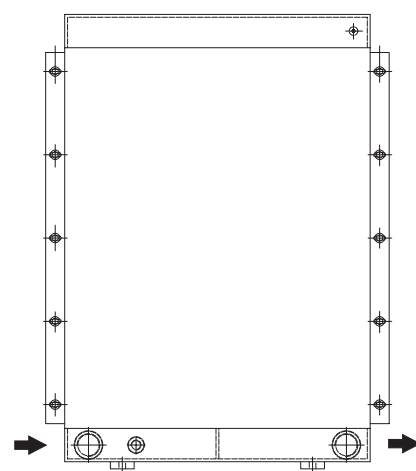
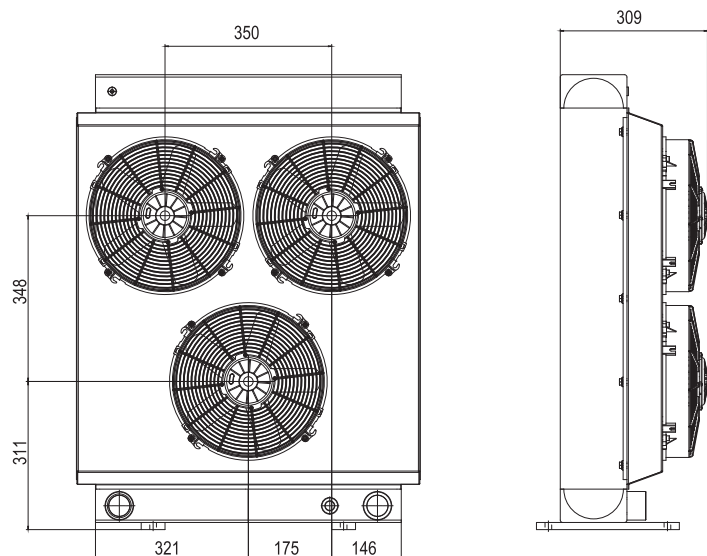
P/N 245403###



P/N 245456###



P/N 245458###



P/N 245412###
P/N 245424###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



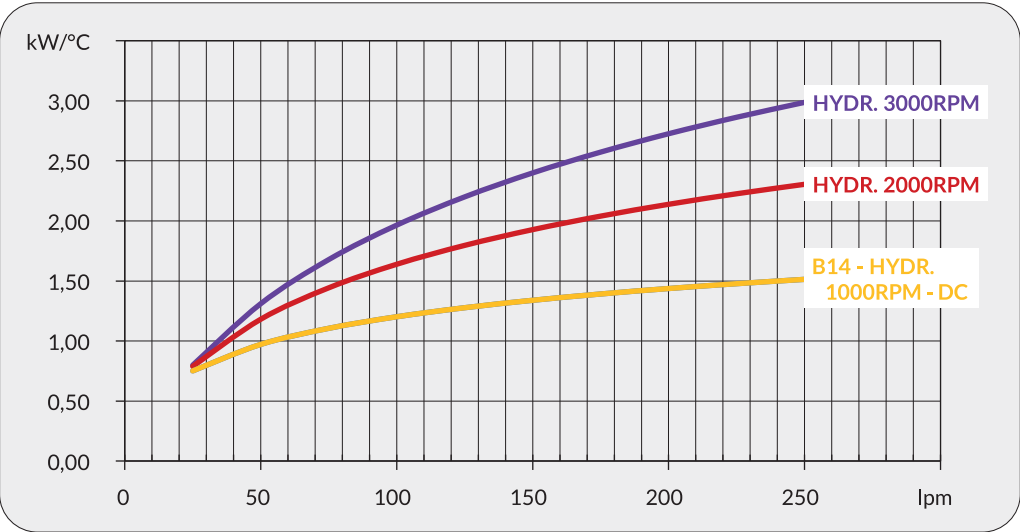
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/h)	IP	lt	kg
245403###	230-400 B14 AC	50	1,1	5-2,9	936	630	80	7050	55	17,7	95
	265-460 B14 AC	60	1,3	5-2,9	1123						
245456###	Prepared for Gr.2 hydraulic motor					630			/	17,7	89
245458###	Prepared for Gr.3 hydraulic motor					630			/	17,7	89
245412###	12	-	0,21	16,1		305			68	17,7	89
245424###	24	-	0,21	8,5		305			68	17,7	89

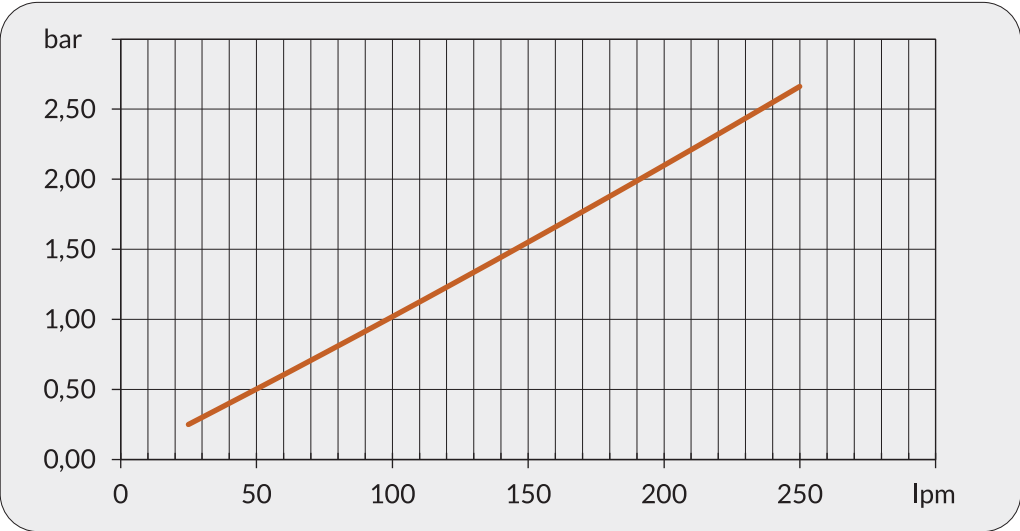
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



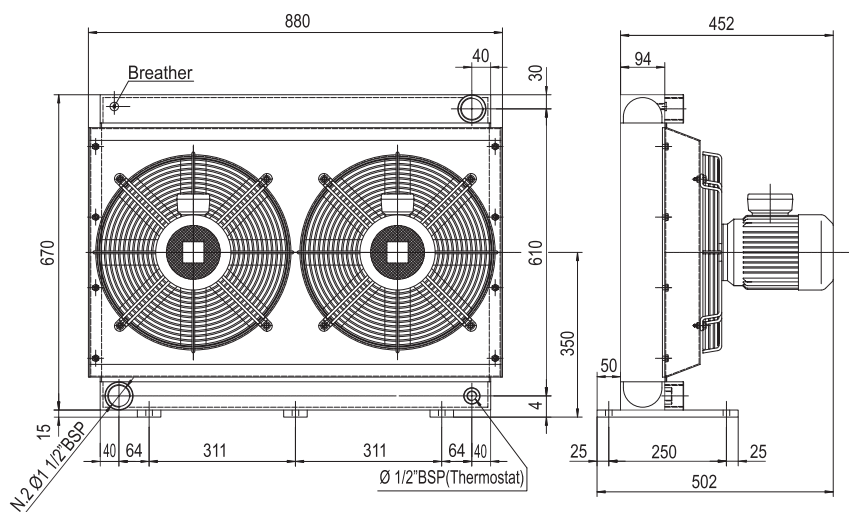
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

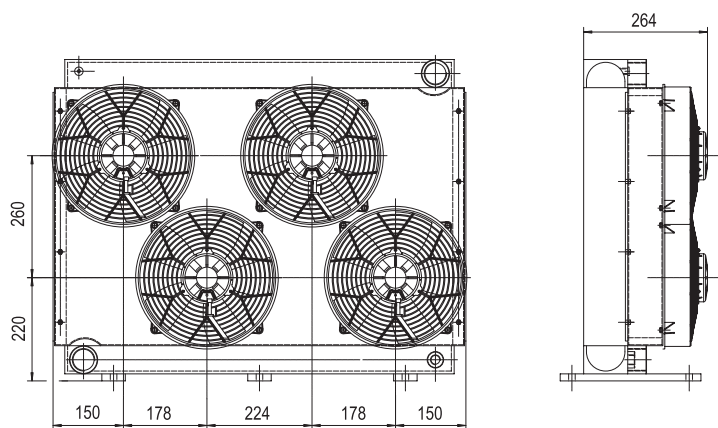


Serie HPA

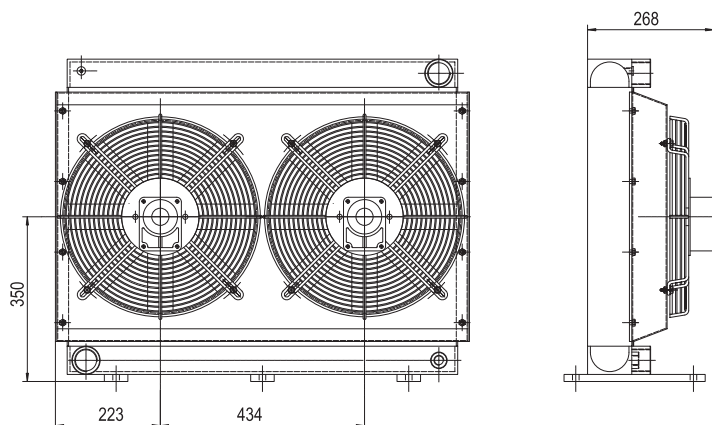
HPA 30 / 2



P/N 243103###



P/N 243112###
P/N 243124###



P/N 243156###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



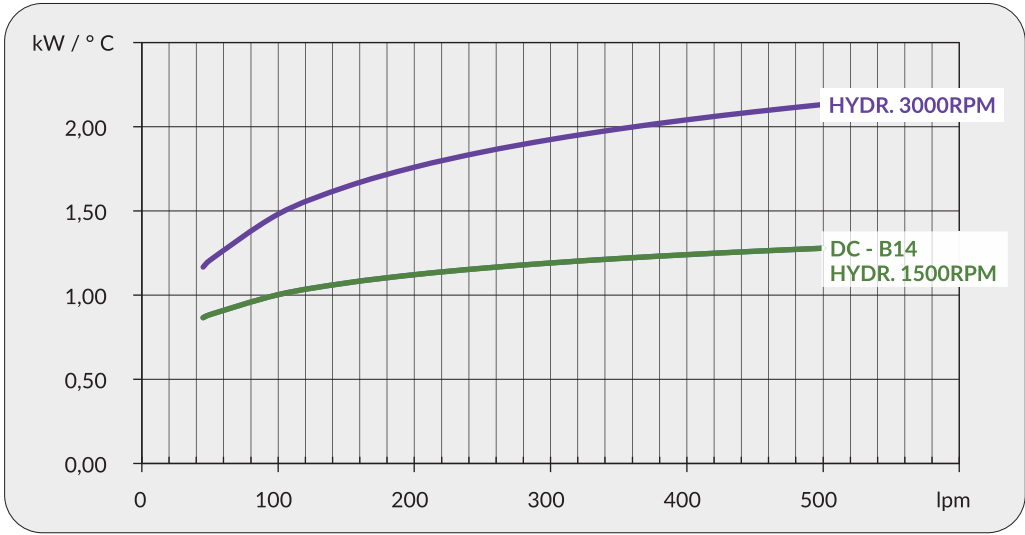
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A (±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
243103###	230-400 B14 AC	50	0,55	2,5 - 1,5	1420	400	79	3060	55	13,6	74
	265-460 B14 AC	60	0,63	2,5 - 1,5	1710						
243112###	12 DC	/	0,16	8,9	2530	280	77	3060	68	13,6	64
243124###	24 DC	/	0,16	6,7	2900	280	81	3060	68	13,6	64
243156###	Prepared for Gr.2 hydraulic motor					400			/	13,6	70

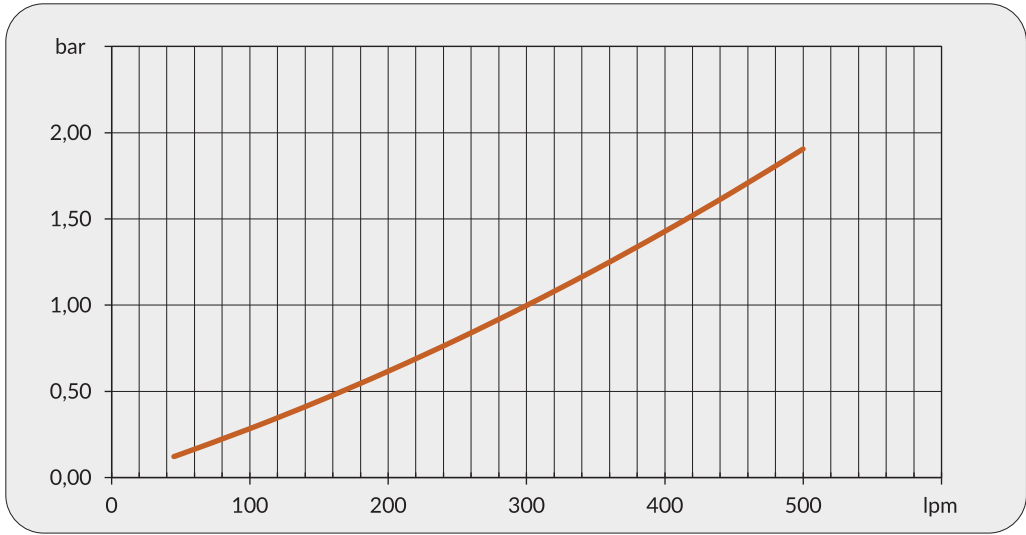
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram

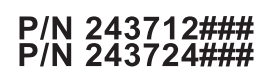


Perdite di carico Pressure drop (@30cSt)



Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3



D.37



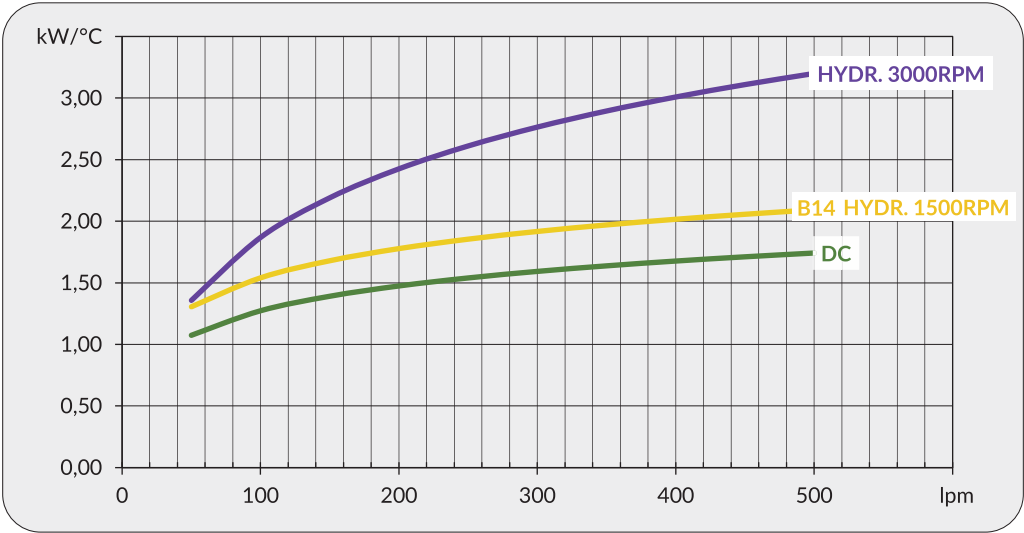
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
243703###	230-400 B14 AC	50	0,75	3,1 - 1,8	1430	445	85	4270	55	18,8	120
	265-460 B14 AC	60	0,86	3,1 - 1,8	1715						
243712###	12 DC	/	0,18	15,60	2560	305	86	3750	68	18,8	100
243724###	24 DC	/	0,2	8,5	3000	305	87	3750	68	18,8	100
243756###	Prepared for Gr.2 hydraulic motor					445			/	18,8	102

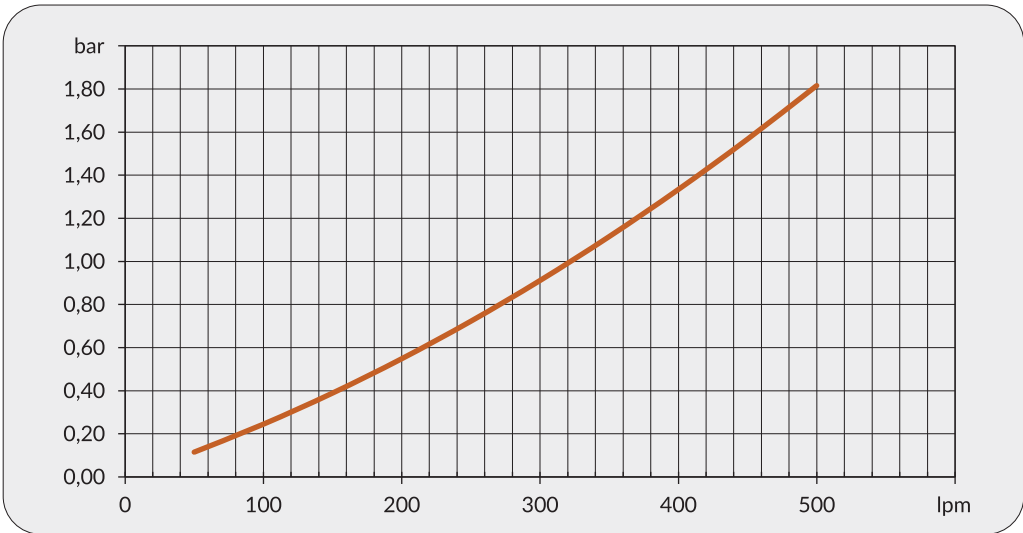
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



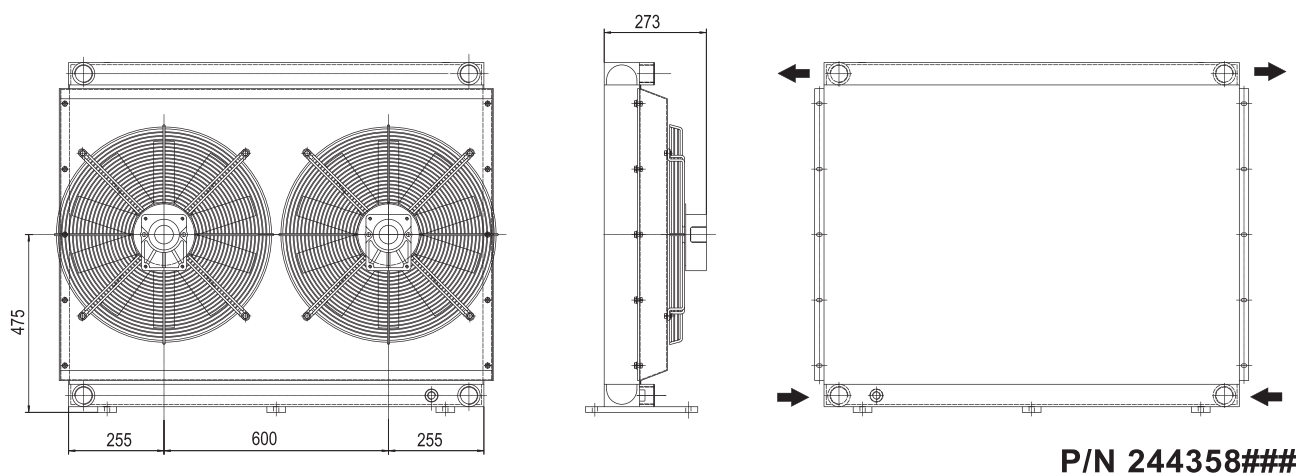
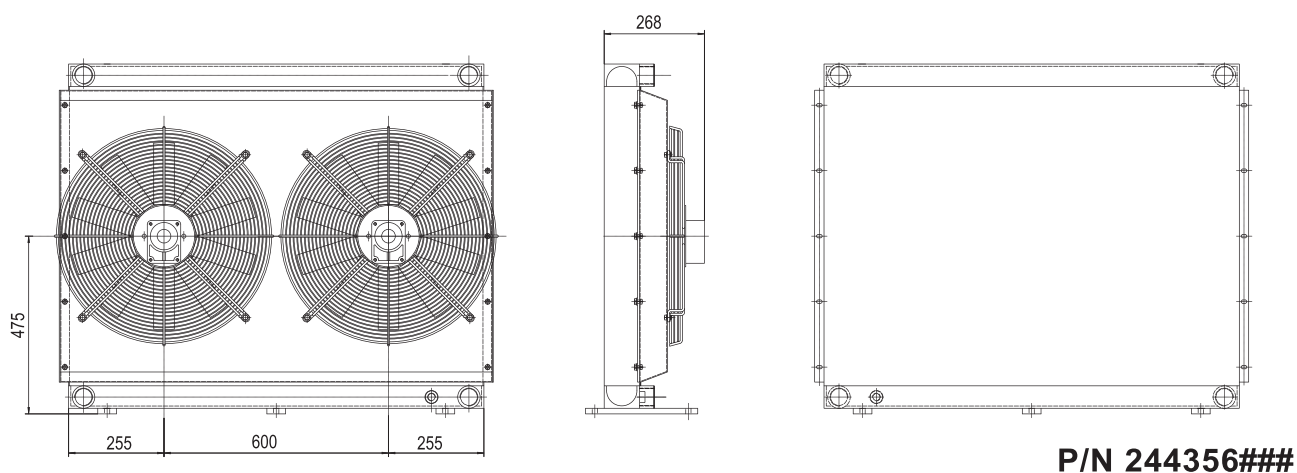
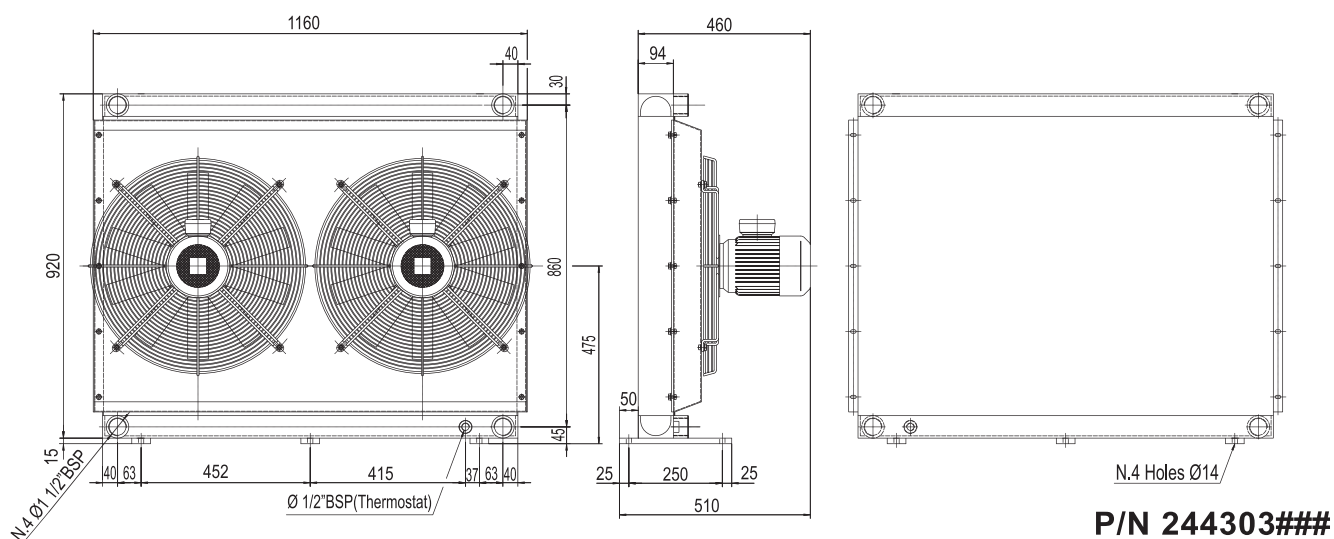
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3



Serie HPA

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Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



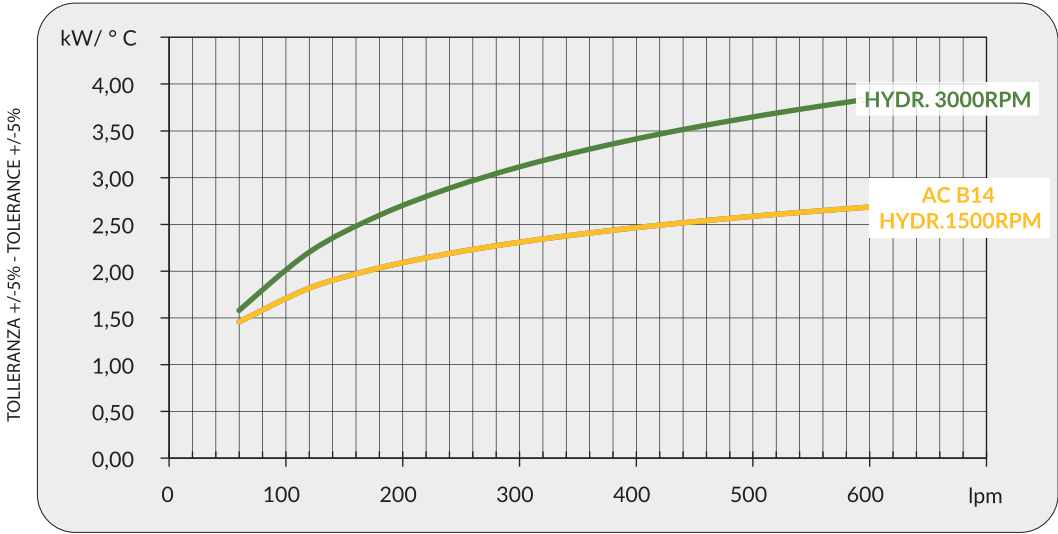
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A (±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
244303###	230-400 B14 AC	50	1,1	4,5 - 2,6	1440	500	87	5700	55	21,2	135
	265-460 B14 AC	60	1,3	4,5 - 2,6	1730						
244356###	Prepared for Gr.2 hydraulic motor					500			/	21,2	122
244358###	Prepared for Gr.3 hydraulic motor					500			/	21,2	122

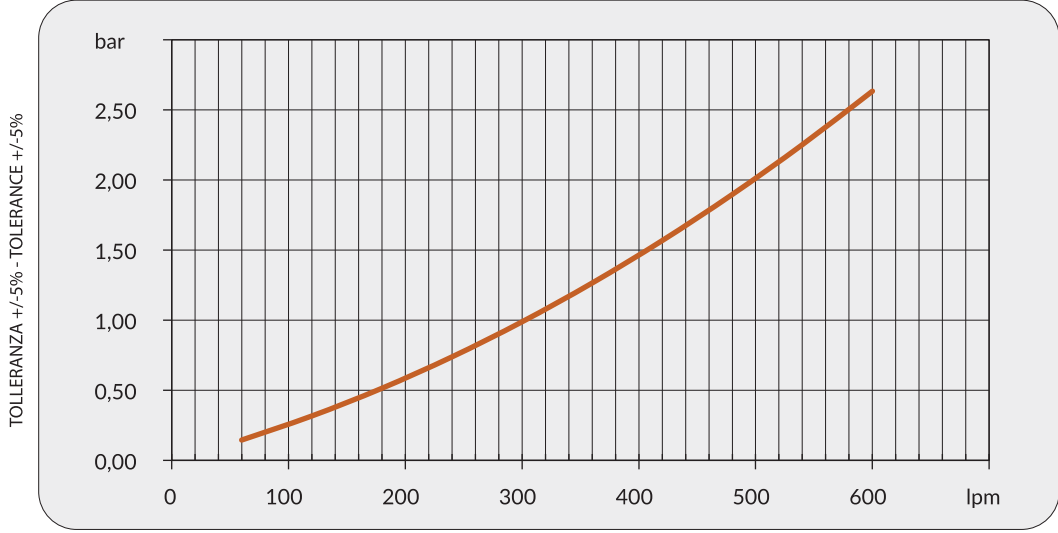
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



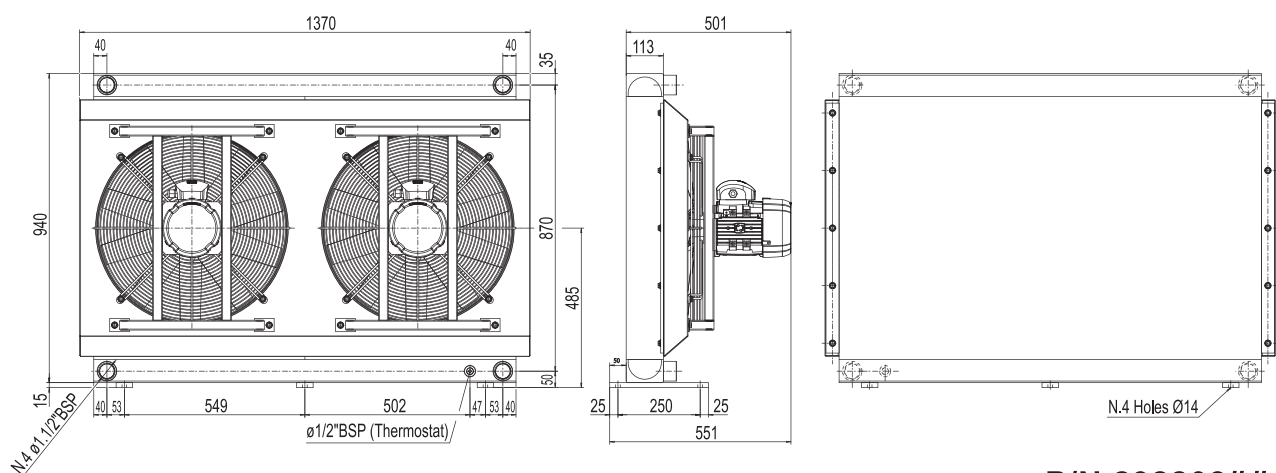
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

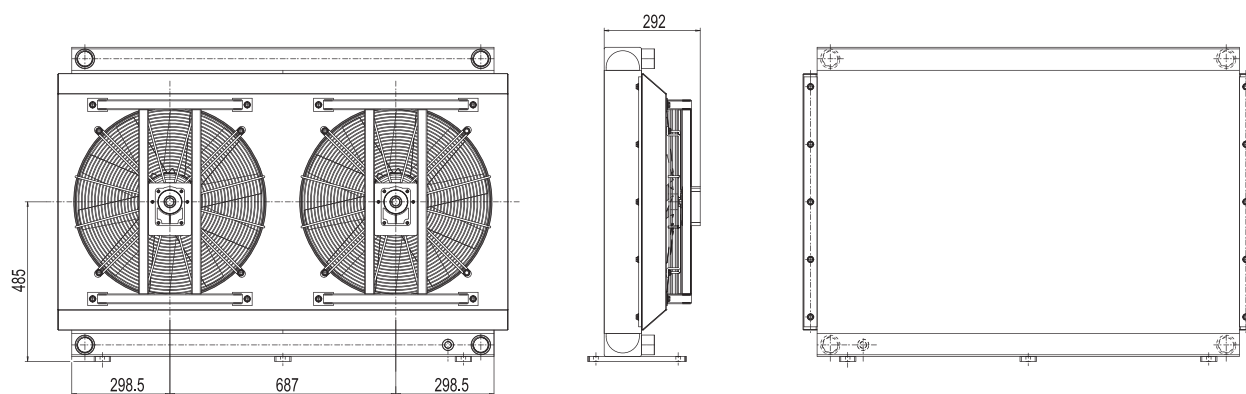


Serie HPA

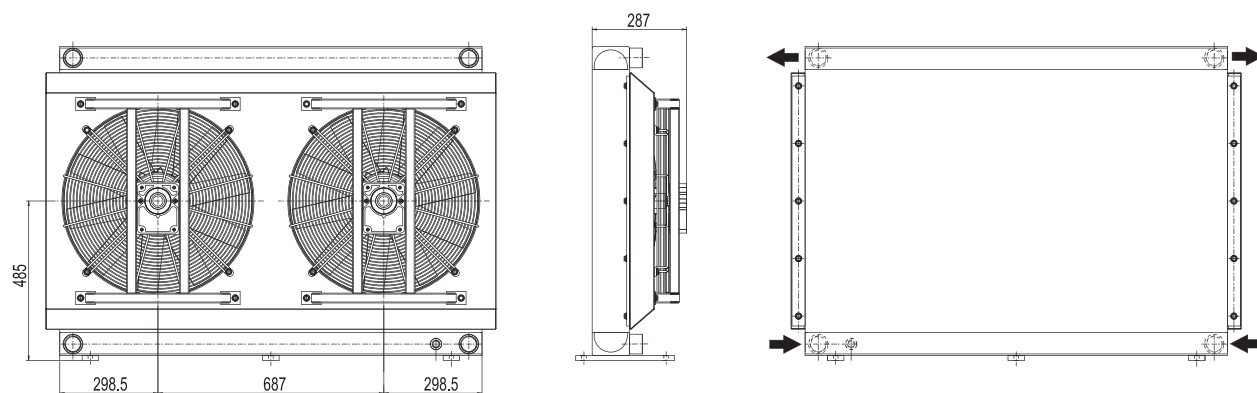
HPA 50 / 2



P/N 298803###



P/N 298856###



P/N 298858###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



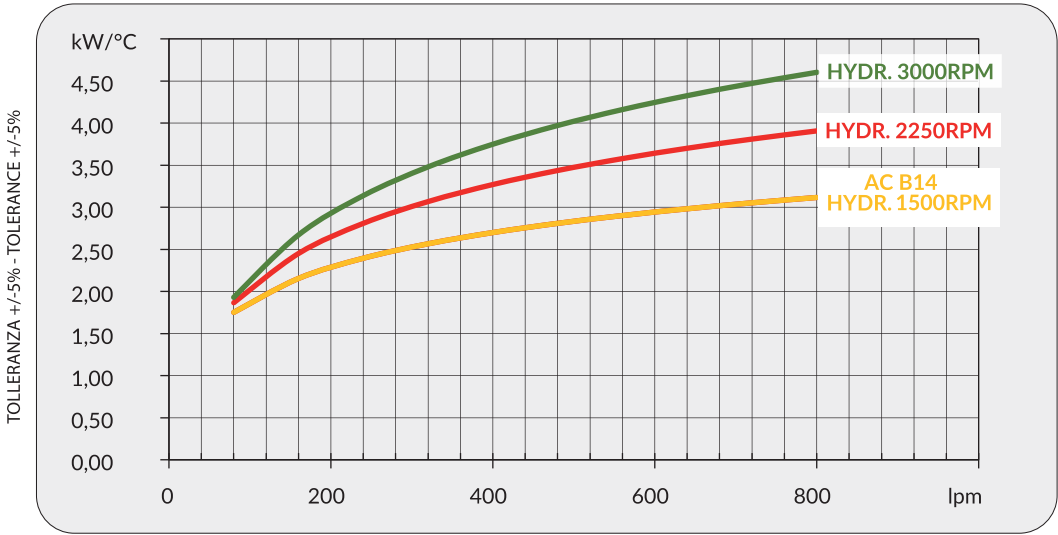
Dati tecnici Technical Data

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
298803###	230-400 B14 AC	50	1,1	4,5 - 2,6	1440	560	87	6900	55	28,4	192
	265-460 B14 AC	60	1,3	4,5 - 2,6	1730						
298856###	Prepared for Gr.2 hydraulic motor					560			/	28,4	180
298858###	Prepared for Gr.3 hydraulic motor					560			/	28,4	180

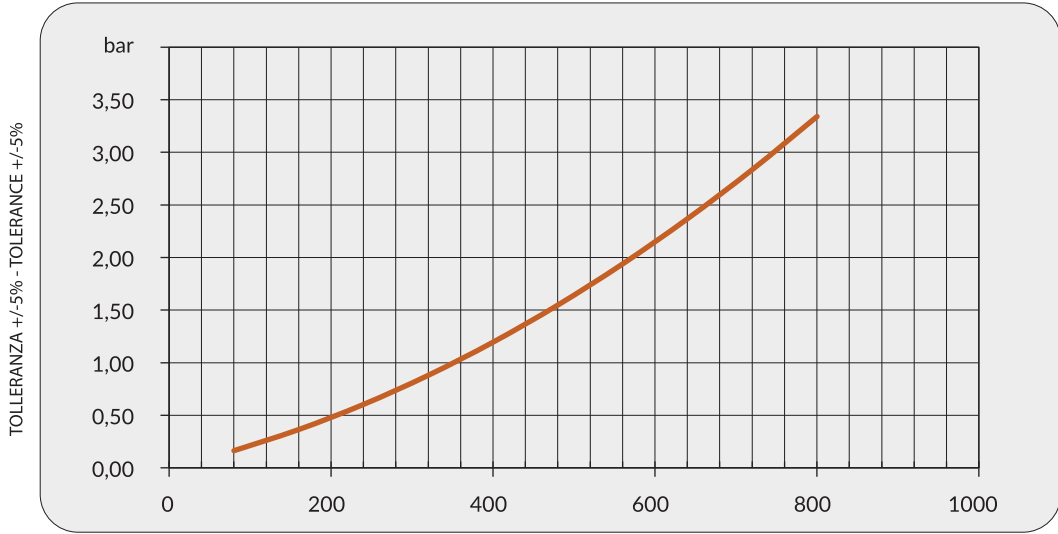
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento Performance diagram



Perdite di carico Pressure drop (@30cSt)



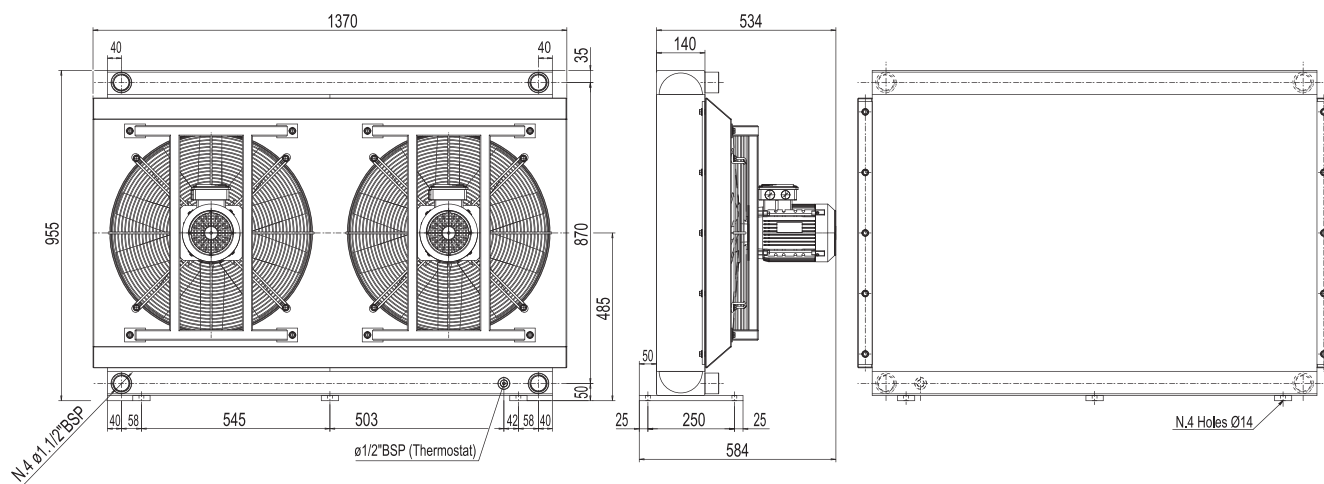
Fattore di correzione-F-(perdite di carico) Correction factor-F-(pressure drop)

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

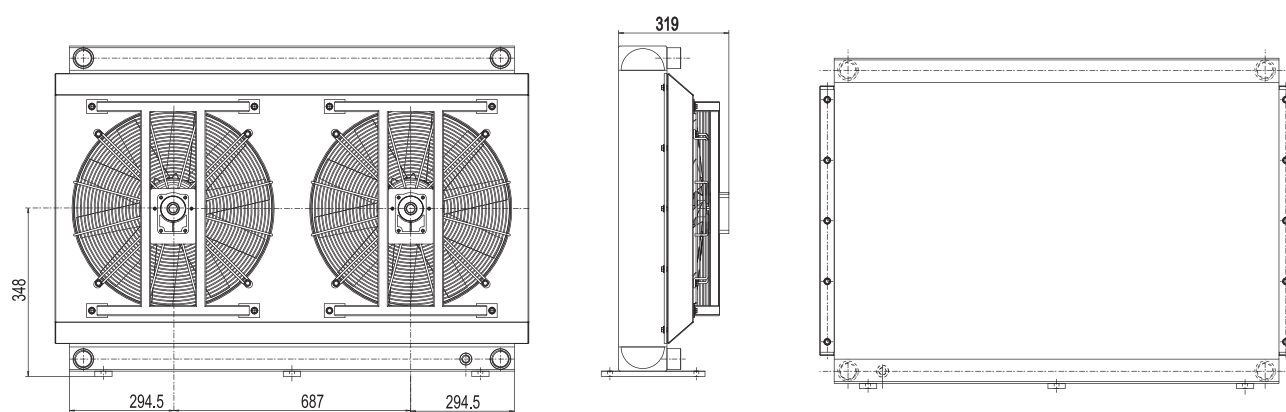


Serie HPA

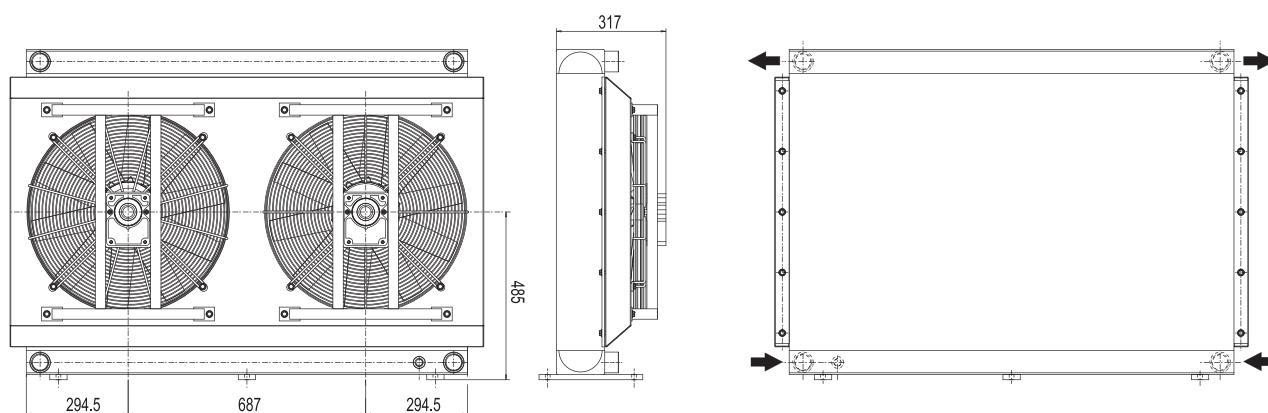
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P/N 245303###



P/N 245356###



P/N 245358###

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



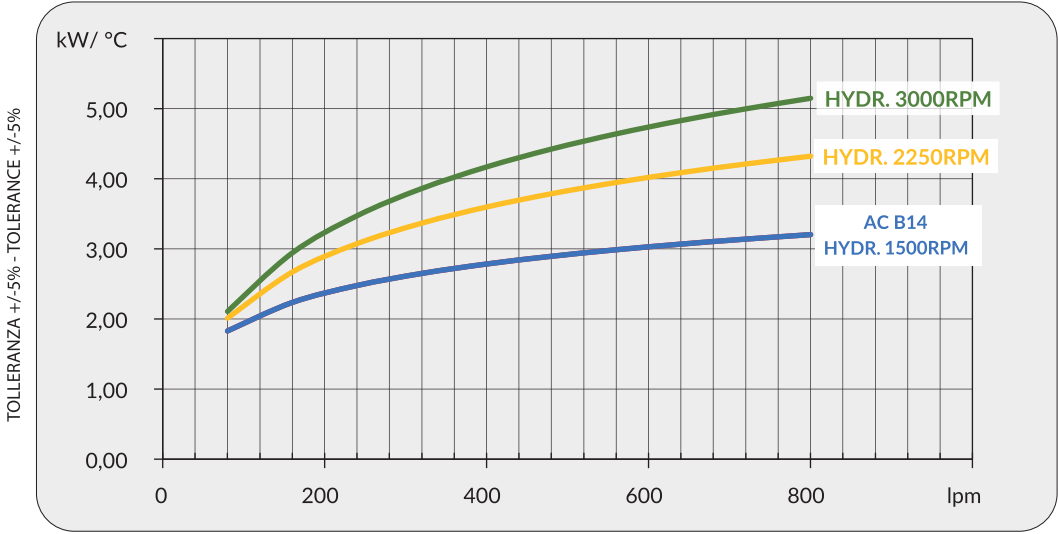
Dati tecnici *Technical Data*

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
245303###	230-400 B14 AC	50	1,1	4,5 - 2,6	1440	560	87	6440	55	28,4	195
	265-460 B14 AC	60	1,3	4,5 - 2,6	1730						
245356###	Prepared for Gr.2 hydraulic motor					560			/	28,4	180
245358###	Prepared for Gr.3 hydraulic motor					560			/	28,4	180

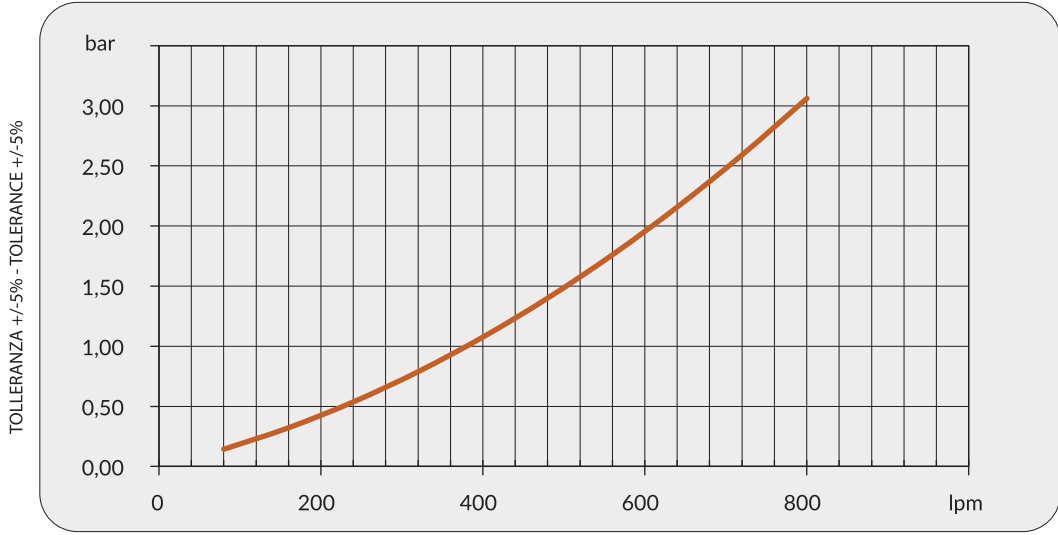
I dati si riferiscono al singolo ventilatore
Data refers to each fan

Contattare EMMEGI Contact EMMEGI

Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3





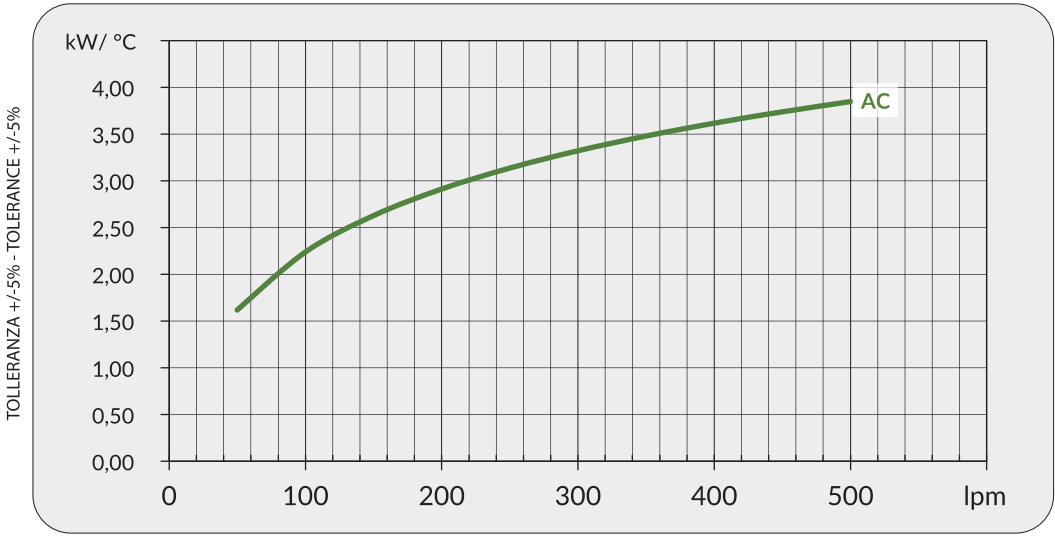
Dati tecnici *Technical Data*

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
041650C40050#	400 AC	50	1,3	2,4	1378	560	78	9500	54	25	140
041650C40060#	460 AC	60	1,5	2,5	1600	560	78	9500	54	25	140

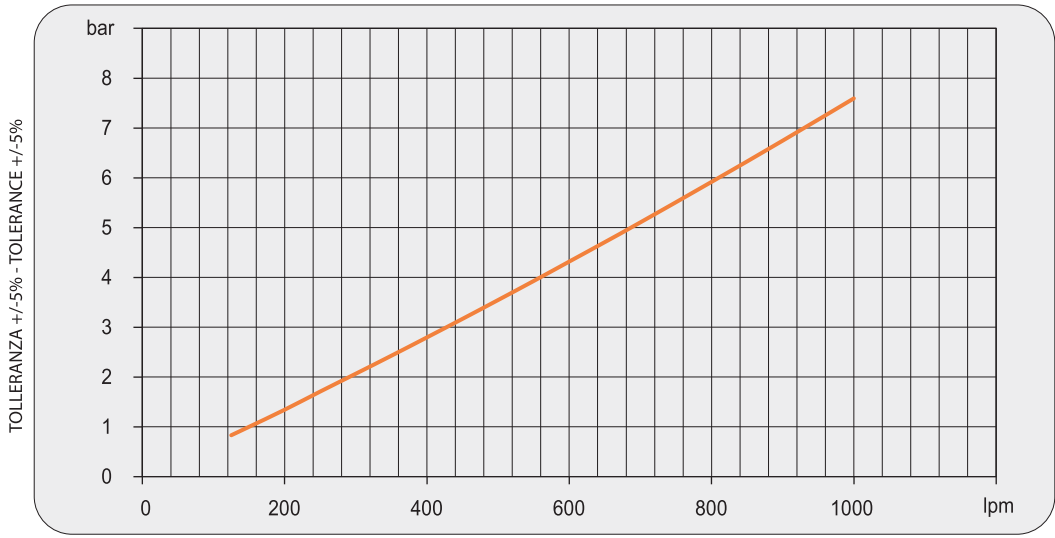
I dati si riferiscono al singolo ventilatore
Data refers to each fan

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Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



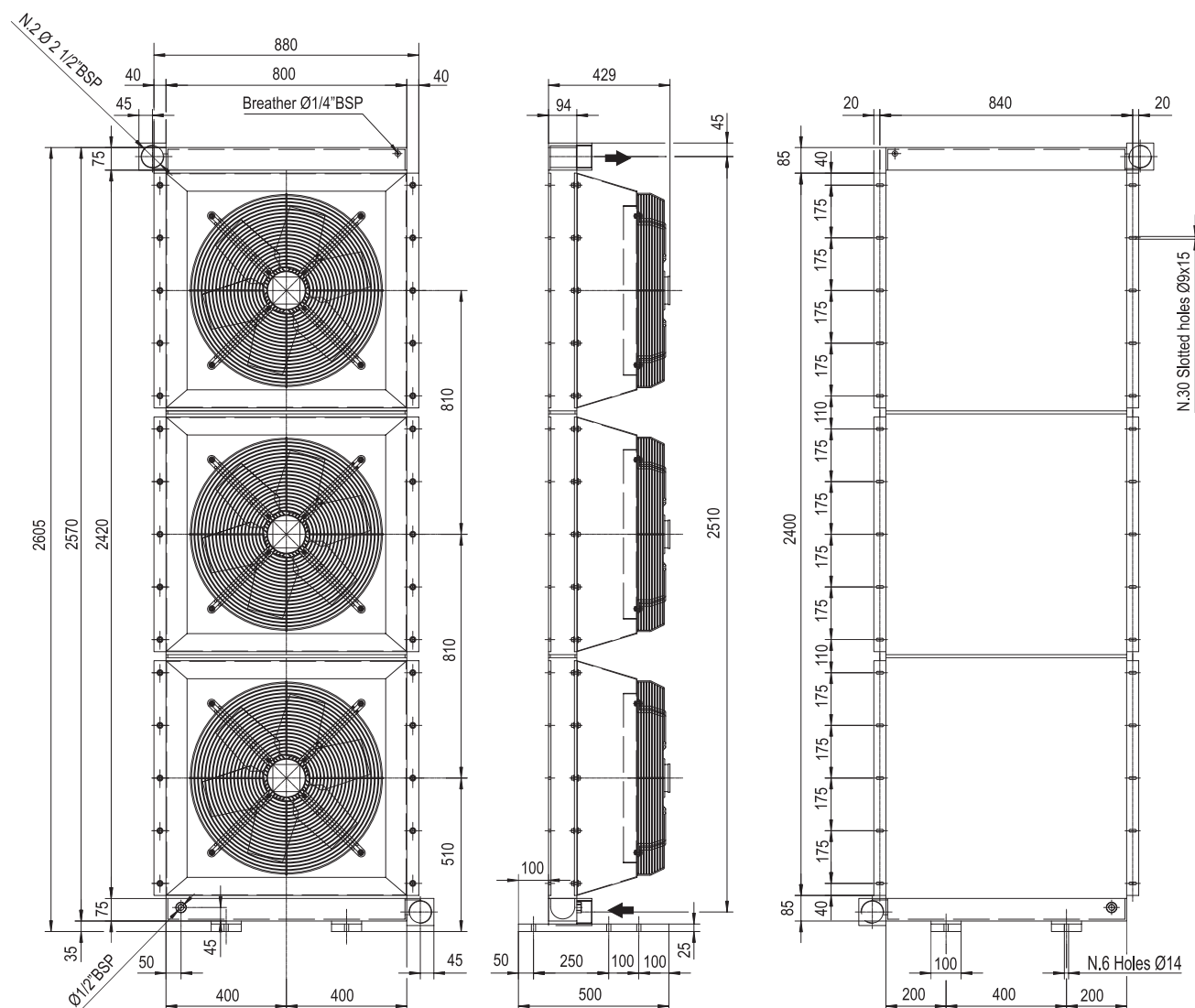
Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3



Serie HPA

HPA 44 / 3



Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



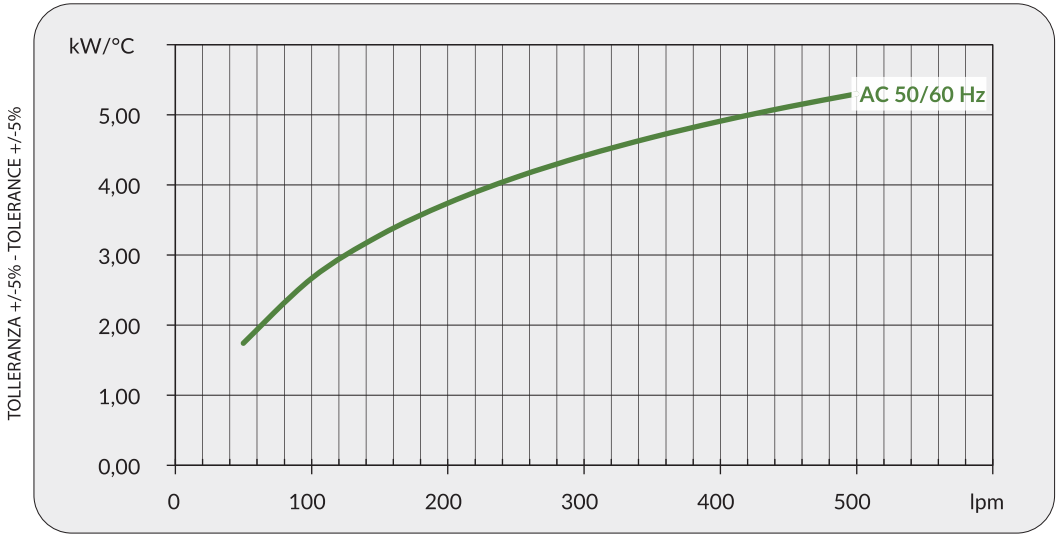
Dati tecnici *Technical Data*

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	lt	kg
041240C40050#	400 AC	50	1,3	2,4	1378	560	81	9500	54	35	210
041240C40060#	460 AC	60	1,5	2,5	1600	560	81	9500	54	35	210

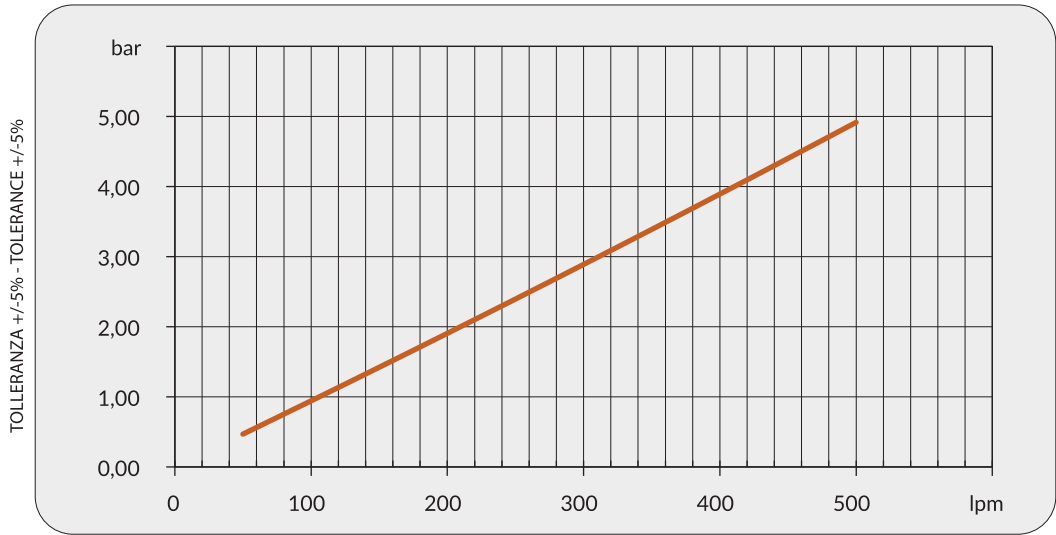
I dati si riferiscono al singolo ventilatore
Data refers to each fan

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Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3





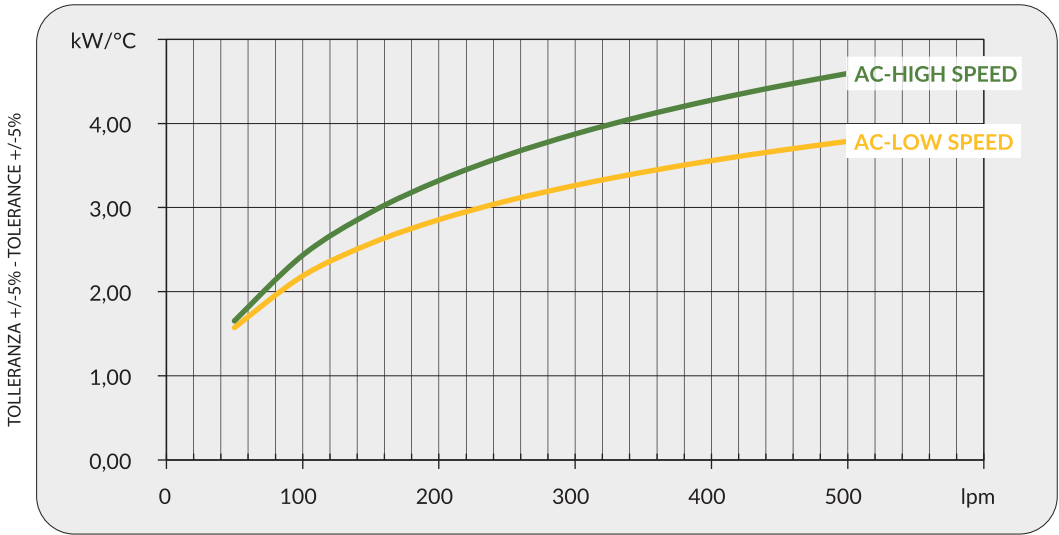
Dati tecnici *Technical Data*

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³ / h)	IP	It	kg
A0351004005#1	400 AC (LS) 人	50	1,37	2,3	1020	630	80	9000	54	25	185
A0351004005#1	400 AC (HS) Δ	50	2,1	3,6	1350	630	86	12500	54	25	185

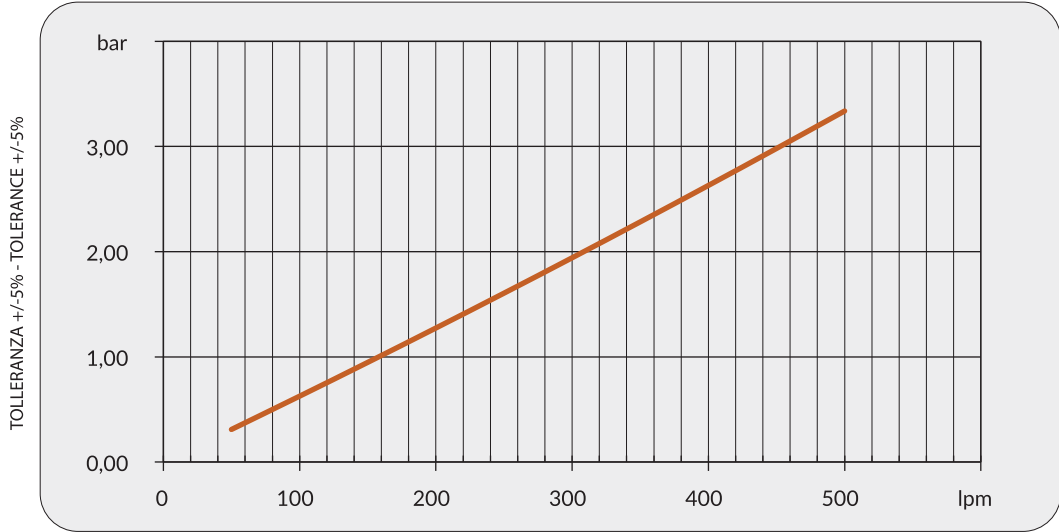
I dati si riferiscono al singolo ventilatore
Data refers to each fan

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Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3





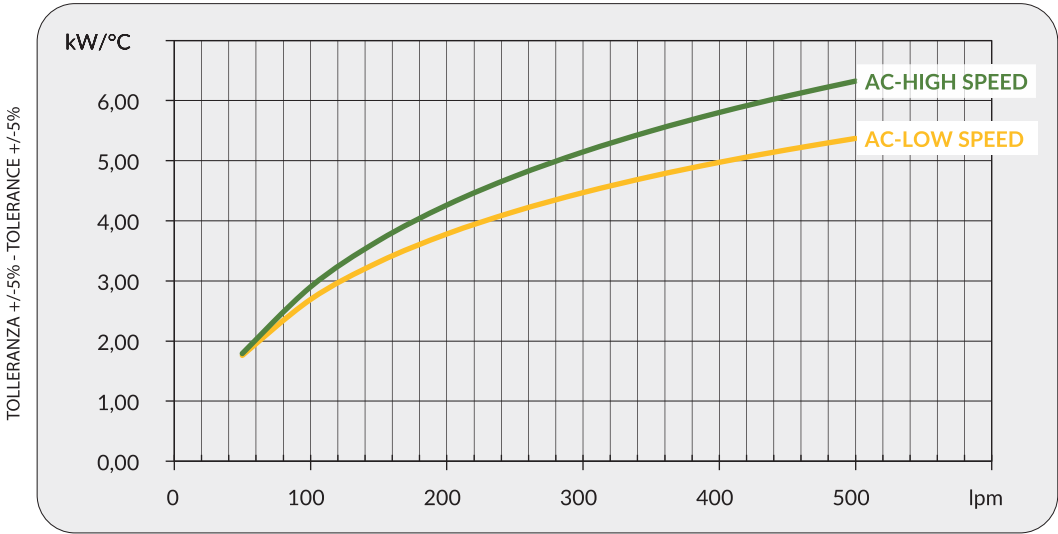
Dati tecnici *Technical Data*

P/N	V	Hz	kW(±10%)	A(±10%)	rpm	Ø Fan	dB (A)	(m³/ h)	IP	lt	kg
A0352004005#1	400 AC (LS) 人	50	1,37	2,3	950	630	80	9000	54	35	255
A0352004005#1	400 AC (HS) Δ	50	2,1	3,6	1300	630	86	12500	54	35	185

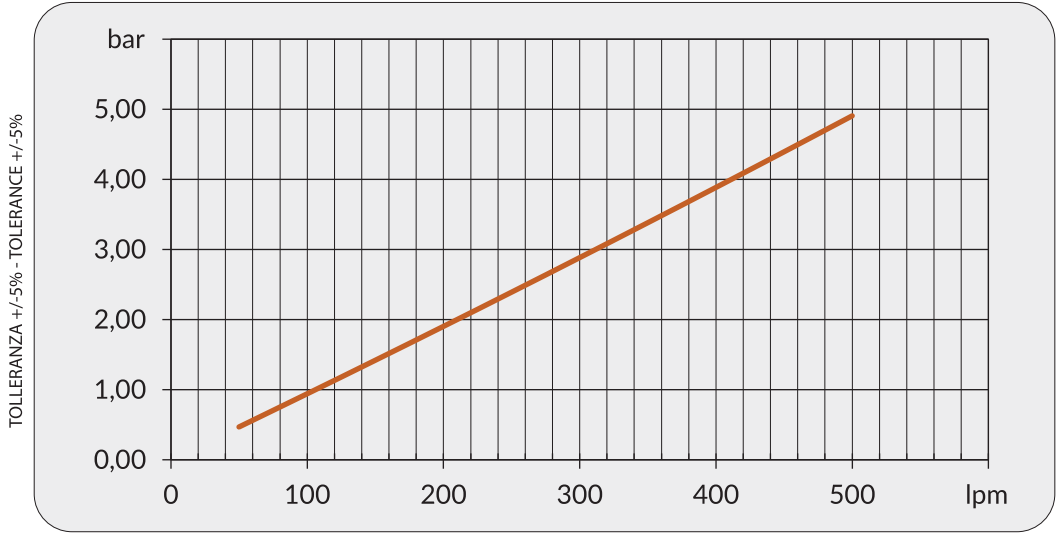
I dati si riferiscono al singolo ventilatore
Data refers to each fan

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Diagramma rendimento *Performance diagram*



Perdite di carico *Pressure drop (@30cSt)*



Fattore di correzione-F-(perdite di carico) *Correction factor-F-(pressure drop)*

cSt	10	15	20	30	40	50	60	80	100	200	300
F	0,5	0,65	0,77	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

