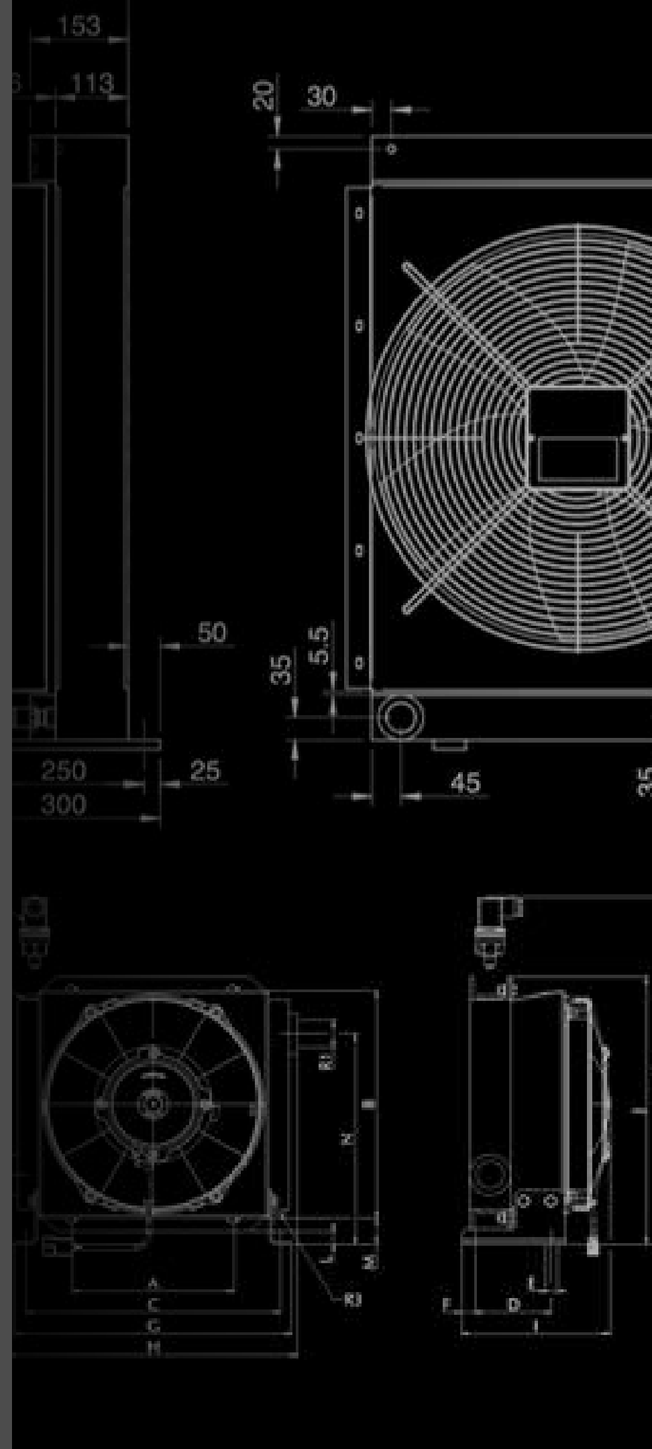
BeBräx

Heat Exchangers

COMPLETE CATALOG 2026



We’ve been working in the Brazilian market since 2009, a history of dedication, continuous improvement, attention to detail and, above all, customer service. As we celebrate our 15th anniversary, we are marking this milestone with the launch of Beims & Bräscher's new identity, adopting the trade name BeBräx.

We are located in Palhoça, Santa Catarina, in the metropolitan region of Florianópolis. We have a large logistics hub with easy access to road, sea, and air transport to serve all of Brazil and abroad.

Our work is increasingly recognized by the thousands of heat exchangers in operation in the field, delivering performance and reliability in industrial and mobile applications.

Experience it with us; dedication to our reputation is the essence of BeBräx!

BeBräx

TROCADORES DE CALOR

HEAT IS OUR ENERGY.

COMPLETE CATALOG 2026

Heat Exchangers - Complete Catalog 2026

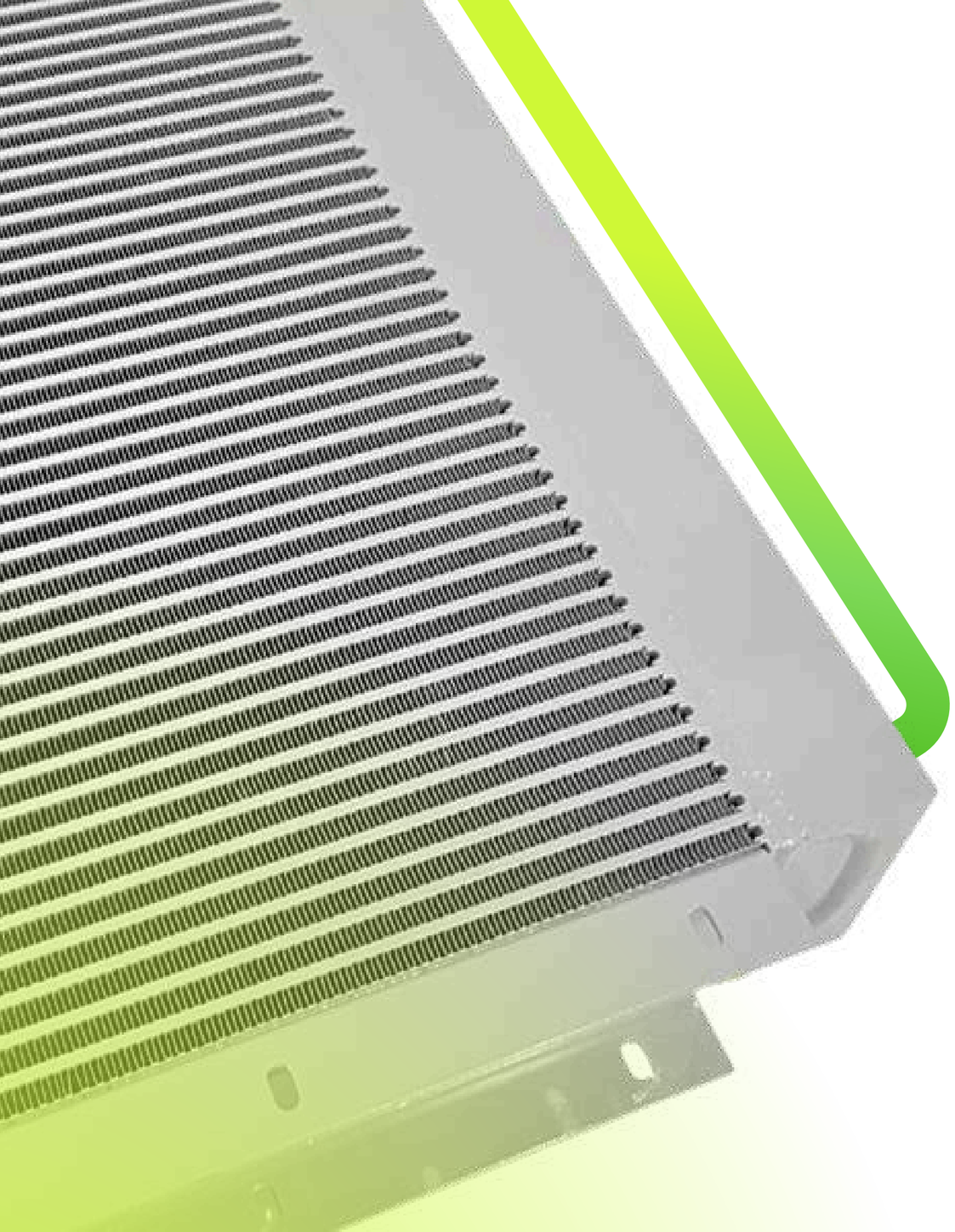
BeBräx | Beims & Bräscher Com. Industrial Equipment Ltda

Layout: Juliana Zahtariam

Juliana Zahtariam
Marketing &
Design

Brazed aluminum air/oil heat exchangers for automotive and industrial applications.

Our products have a wide range of industrial applications for oil cooling. These applications are for demanding conditions requiring robust and highly efficient products, whether in stationary or vehicular industrial equipment.



Brazed construction system, plate/bar type with internal and external fins.

Bebräx heat exchangers are developed and manufactured using sophisticated engineering resources and manufacturing processes. The aluminum honeycomb is brazed in a vacuum autoclave with a controlled atmosphere, ensuring high quality and reliability of our heat exchangers.

They have internal and external fins brazed to the walls of the heat exchange tubes. This construction promotes high performance for heat transfer between the air and the fluid and allows the exchanger to operate at up to 20 bar and 120°C.

‘AO’ LINE OF HEAT EXCHANGERS

The AO (air/oil) heat exchanger line is one of the most complete on the Brazilian market.

These are robust, highly efficient products for industrial applications.

We offer options for operation via alternating current or direct current electricity, and by hydraulic motor. The products feature a protective guard and can be equipped with a thermostat.

+Performance Line

For models AO5 and above, we have introduced the option of equipment with ZIEHL-ABEGG® fans, which operate with a higher airflow due to their unique aerodynamic blade profile, resulting in increased heat exchange capacity.

- Possibility of using smaller heat exchangers to achieve the same required heat exchange.
- Space saving required in the hydraulic unit design layout.
- Greater technical reserve for situations of greater demand.
- More robust equipment for applications in harsh environments.
- IP54 protection rating
- They can be powered by 3 voltages: 220/380/440V 50/60Hz

Supplier brands, such as those for the +Performance model fans, may be changed without prior notice.

Vehicle heat exchangers

We use SPAL® fans, one of the world's leading manufacturers of high-performance and robust vehicle electric fans. These fans have a protective grille, are available in 12V and 24Vdc versions, and have an IP68 protection rating against dust and water.

Long-life fans with high resistance to harsh environments for off-road, construction, mining, forestry, agricultural and other applications.

Supplier brands, such as those for the ventilators in vehicle models, may be changed without prior notice.

Heat exchangers with hydraulic motor

We have a line of heat exchangers driven by hydraulic motors. These are compact systems, with versions featuring unidirectional motors or reversible motors for cleaning the honeycomb.

Driven by a hydraulic gear motor, with a high-performance fan, providing a large heat exchange capacity.

2026 Models	Versions			
	Vehicular	Standard		+Performance
AO1	12Vdc or 24Vdc IP68 Vehicle applications	220Vca 60Hz IP54 Single-phase	220/380/440Vca 60Hz IP54 Three-phase	
AO2				
AO3				
AO4				
AO5				220/380/440Vac 60Hz IP55 Three-phase
AO6				220/380/440Vca 60Hz IP54 Three-phase
AO7				
AO8				
AO9				220/380/440Vca 60Hz IP54 Three-phase
AO10				
AO11				

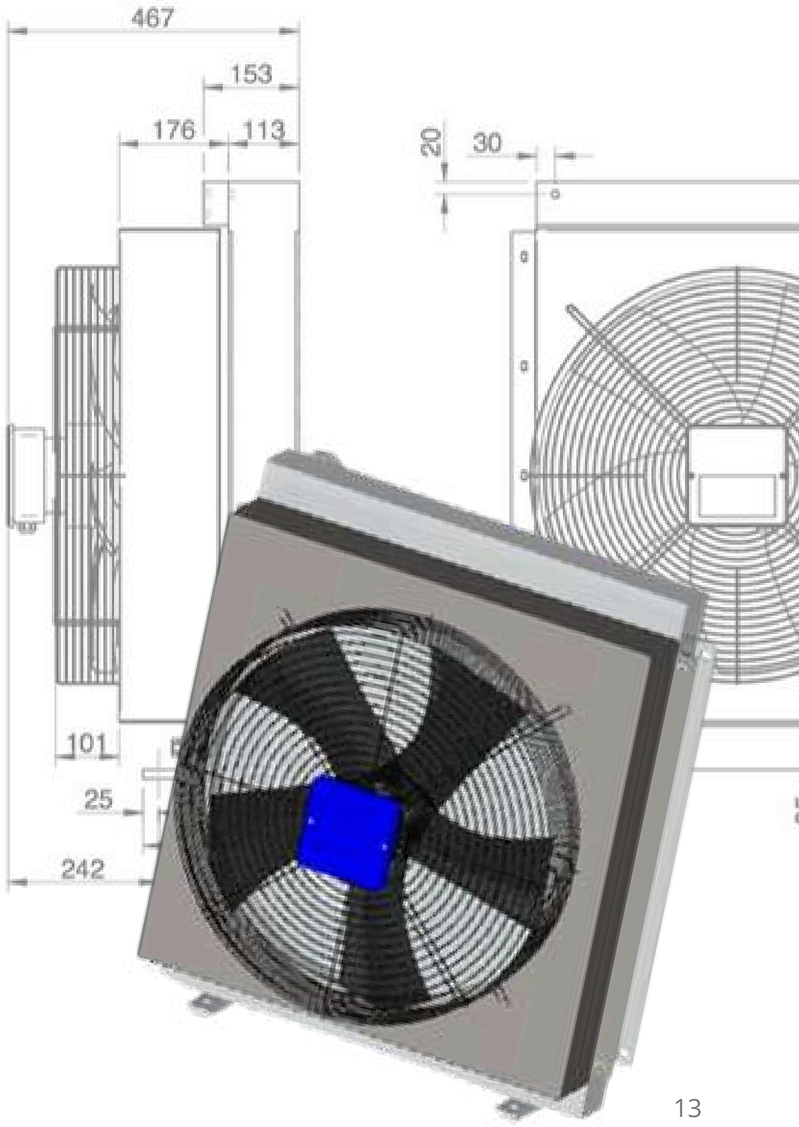
TECHNICAL DATA AND PERFORMANCE CURVES

Construction of heat exchangers

A heat exchanger is a piece of equipment made up of various mechanical and electrical components.

It is basically subdivided into the following components:

- Heat exchanger body: entirely made of aluminum, with a brazed plate/bar type honeycomb, with internal and external fins, epoxy paint finish, and all connections with G (BSP) threads, or SAE threads on larger models.
- Hood: Made of carbon steel with epoxy paint.
- Fans: various versions are available, which can be powered by 12Vdc or 24Vdc direct current, single-phase 220Vac 60Hz electric fan, three-phase 220/380/440Vac 60Hz, or by hydraulic motor, to be consulted according to the model.
- IP54 protection rating for alternating current electric fans and IP68 for direct current electric fans.
- Thermostat (optional item): constructed with a brass body, DIN plug, and IP68 protection rating.



2026 Models	In	Hz	Rated Power W	Rated current A	Polos	Fan diameter (mm)	dBa	Air flow rate (m³/h)	IP
AO1-12 / AO2-12	12 DC	-	-	8.1	-	225		870	68
AO1-24 / AO2-24	24 DC	-	-	4.3	-	225		950	68
AO1-220 / AO2-220	220 AC	60	65	0.28	2	200	53	800	54
AO1-220380440 / AO2-220380440	220/380/440 AC	60	75	0,17/0,10/0,13	2	200	54	850	54
AO3-12 / AO3.5-12	12 DC	-	-	9.4	-	280		1,340	68
AO3-24 / AO3.5-24	24 DC	-	-	4.9	-	280		1,450	68
AO3-220 / AO3.5-220	220 AC	60	110	0.52	2	250	61	1,588	54
AO3-220830440 / AO3.5-220380440	220/380/440 AC	60	150	0,36/0,21/0,25	2	250	61	1,450	54
AO4-12	12 DC	-	-	14.2	-	305		2,020	68
AO4-24	24 DC	-	-	7.1	-	305		1,950	68
AO4-220	220 AC	60	100	0.46	4	300	61	1,950	54
AO4-220380440	220/380/440 AC	60	78	0,35/0,20/0,18	4	300	61	1,950	54
AO3.5-12	12 DC	-	-	9.4	-	280		1,340	68
AO3.5-24	24 DC	-	-	4.9	-	280		1,450	68
AO3.5-220	220 AC	60	110	0.52	2	250	61	1,588	54
AO3.5-220380440	220/380/440 AC	60	150	0,36/0,21/0,25	2	250	61	1,450	54

* Data based on 60Hz

2026 Models	In	Hz	Rated Power W	Rated current A	Polos	Fan diameter (mm)	dBa	Air flow rate (m³/h)	IP
AO5-12 / AO5DE-12 +Performance	12 DC	-	-	28.3	-	385		3,050	68
AO5-24 / AO5DE-24 +Performance	24 DC	-	-	16.6	-	385		3,540	68
AO5-12 / AO5DE-12	12 DC	-	-	21	-	385		3,090	68
AO5-24 / AO5DE-24	24 DC	-	-	10.1	-	385		3,310	68
AO5-220 / AO5DE-220	220 AC	60	250	1.2	4	400	68	3,900	54
AO5-220380440 / AO5DE-220380440	220/380/440 AC	60	250	0,87/0,50/0,50	4	400	68	4,300	54
AO5-220380440 / AO5DE-220380440 +Performance	220/380/440 AC	60	270	3,85/2,23/2,50	4	400	68	4,200	55
AO5-220380440 / AO5DE-220380440 +Performance IP55	220/380/440 AC	60	370	0,99/0,57/0,56	4	400	70	4,300	54
AO5-HREV / AO5DE-HREV	Hydraulic	-	-	-	-	400	Variable	Variable	-

* Data based on 60Hz

2026 Models	In	Hz	Rated Power W	Rated current A	Polos	Fan diameter (mm)	dBa	Air flow rate (m^3/h)	IP
AO6-12 / AO6DEX-12	12 DC	-	-	2 x 9,4	-	2 x 280		3,120	68
AO6-24 / AO6DEX-24	24 DC	-	-	2 x 4,9	-	2 x 280		3,120	68
AO6-12 / AO6DEX-12	12 DC			21	-	385		3,090	68
AO6-24 / AO6DEX-24	24 DC			10.1	-	385		3,310	68
AO6-12 / AO6DEX-12 +Performance	12 DC	-	-	28.3	-	385		3,690	68
AO6-24 / AO6DEX-24 +Performance	24 DC	-	-	16.6	-	385		3,690	68
AO6-220 / AO6DEX-220	220 AC	60	320	1.3	4	450	68	4,200	54
AO6-220380440 / AO6DEX-220380440	220/380/440 AC	60	550	1,47/0,85/0,80	4	450	72	6,500	54
AO6-220380440 / AO6DEX-220380440 +Performance	220/380/440 AC	50/60	820	2,3/1,35/1.4	4	450	73	7,100	54

* Data based on 60Hz

2026 Models	In	Hz	Rated Power W	Rated current A	Polos	Fan diameter (mm)	dBa	Air flow rate (m^3/h)	IP
AO7-12 / AO7DE-12	12 DC	-	-	2 x 14,2	-	2 x 305		4,300	68
AO7-24 / AO7DE-24	24 DC	-	-	2 x 7,1	-	2 x 305		4,300	68
AO7-220380440 / AO7DE-220380440	220/380/440 AC	60	1,100	3,11/1,80/2,00	4	500	73	9,200	54
AO7-220380440 / AO7DE-220380440 +Performance	220/380/440 AC	50/60	1,200	3,3/1,9/2,0	4	500	75	9,200	54
AO7-HREV / AO7DE-HREV	Hydraulic	-	-	-	-	555	Variable	Variable	-
AO8-220380440 / AO8DE-220380440	220/380/440 AC	60	545	1,71/0,99/1,02	4	550	73	8,000	54
AO8-220380440 +P / AO8DE-220380440 +Performance	220/380/440 AC	60	1,350	3,89/2,25/2,50	4	560	75	11,500	54
AO8-HREV / AO8DE-HREV	Hydraulic	-	-	-	-	555	Variable	Variable	-

* Data based on 60Hz

2026 Models	In	Hz	Rated Power W	Rated current A	Polos	Fan diameter (mm)	dBa	Air flow rate (m³/h)	IP
AO9-220380440 / AO10-220380440 / AO10DE-220380440 6P	220/380/440 AC	60	780	2,60/1,50/1,50	6	630	71	9,700	54
AO9-220380440 / AO10-220380440 / AO10DE-220380440 4P	220/380/440 AC	60	1,850	5,72/3,30/3,05	4	630	81	14,700	54
AO9-220380440 / AO10-220380440 / AO10-220380440DE +Performance	220/380/440 AC	50/60	950	3,0/1,70/1,75	6	630	75	10,650	54
AO9-HREV / AO10HREV / AO10DE-HREV	Hydraulic	-	-	-	-	555	Variable	Variable	-
AO11	220/380/440 AC	60	2,200	9,68/5,60/4,84	6	900	81	26,381	55
AO11 +Performance	220/380/440 AC	60	3,700	15,3/8,85/7,64	6	900	83	29,147	55

* Data based on 60Hz

AO1

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO1-12	12 DC	-	-	8.1	-	225		870	68
AO1-24	24 DC	-	-	4.3	-	225		950	68
AO1-22	220 AC	60	65	0.28	2	200	53	800	54
AO1-220380	220/380/440 AC	60	75	0,17/0,10/0,13	2	200	54	850	54

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO2

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO2-12	12 DC	-	-	8.1	-	225		870	68
AO2-24	24 DC	-	-	4.3	-	225		950	68
AO2-220	220 AC	60	65	0.28	2	200	53	800	54
AO2-220380	220/380/440 AC	60	75	0,17/0,10/0,13	2	200	54	850	54

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO3

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO3-12	12 DC	-	-	9.4	-	280		1,340	68
AO3-24	24 DC	-	-	4.9	-	280		1,450	68
AO3-220	220 AC	60	110	0.52	2	250	61	1,588	54
AO3-220380440	220/380/440 AC	60	150	0,36/0,21/0,25	2	250	61	1,450	54

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO3.5

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO3.5-12	12 DC	-	-	9.4	-	280		1,340	68
AO3.5-24	24 DC	-	-	4.9	-	280		1,450	68
AO3.5-220	220 AC	60	110	0.52	2	250	61	1,588	54
AO3.5-220380440	220/380/440 AC	60	150	0,36/0,21/0,25	2	250	61	1,450	54

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO4

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO4-12	12 DC	-	-	14.2	-	305		2,020	68
AO4-24	24 DC	-	-	7.1	-	305		1,950	68
AO4-220	220 AC	60	100	0.46	IV	300	61	1,950	54
AO4-220380440	220/380/440 AC	60	78	0,35/0,20/0,18	IV	300	61	1,950	54

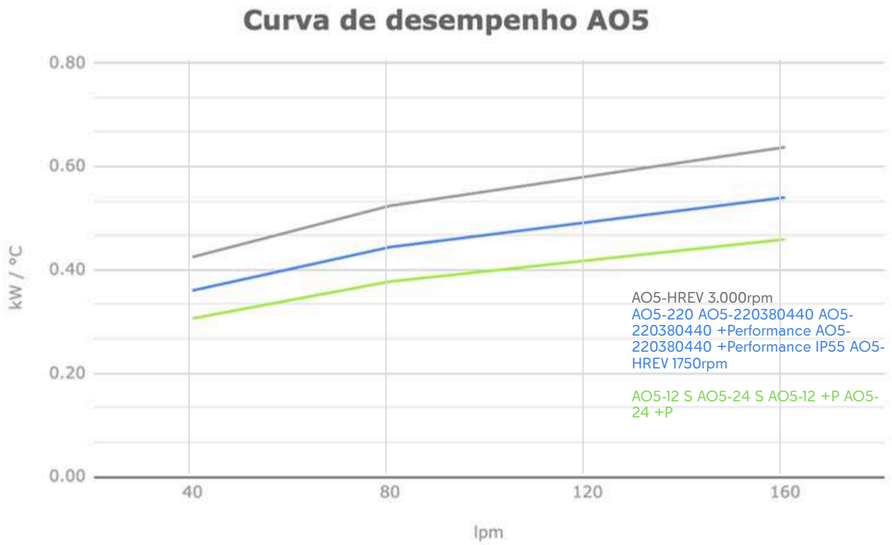
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO5

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO5-12 +P	12 DC	-	-	28.3	-	385		3,050	68
AO5-24 +P	24 DC	-	-	16.6	-	385		3,540	68
AO5-12 S	12 DC	-	-	21		385		3,090	68
AO5-24 S	24 DC	-	-	10.1		385		3,310	68



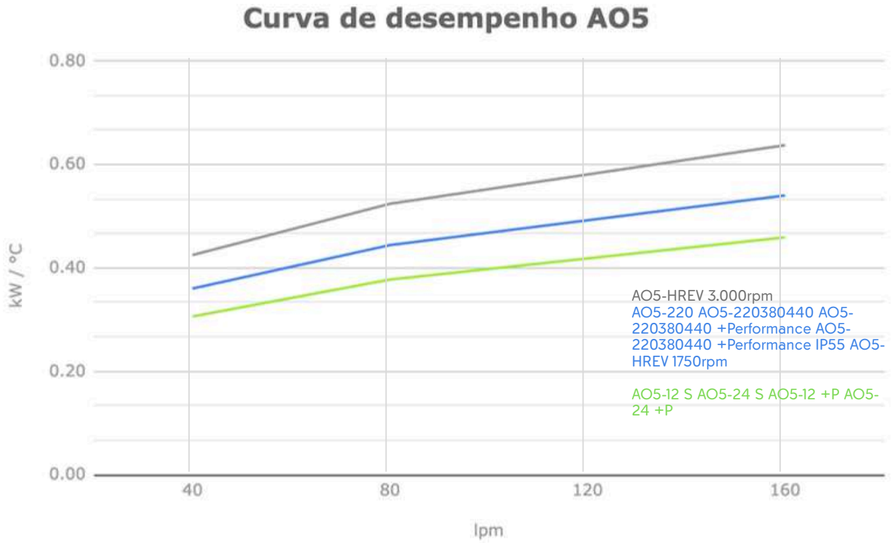
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO5

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO5-220	220 AC	60	250	1.2	4	400	68	3,900	54
AO5-220380440	220/380/440 AC	60	250	0,87/0,50/0,50	4	400	68	4,300	54
AO5-220380440 +P IP55	220/380/440 AC	60	270	3,85/2,23/2,50	4	400	68	4,200	55
AO5-220380440 +P	220/380/440 AC	50/60	370	0,99/0,57/0,56	4	400	70	4,300	54



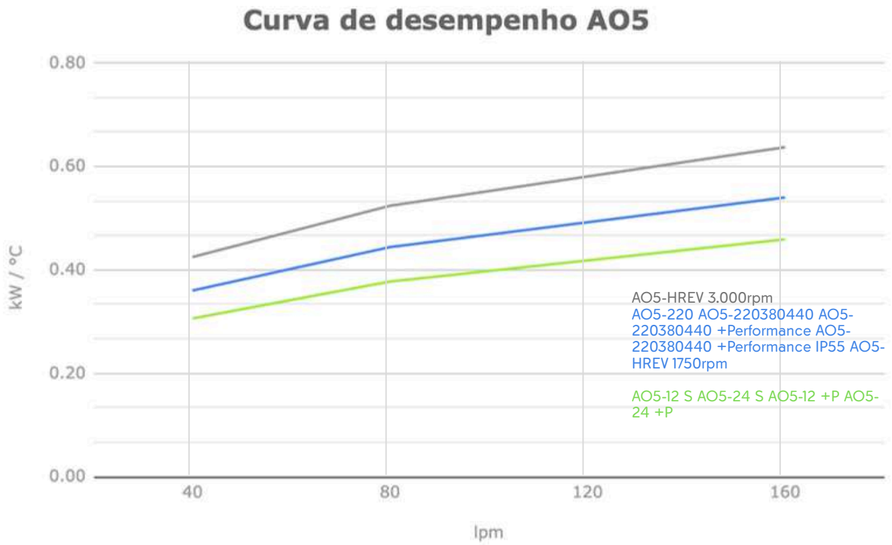
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO5

FAN DRIVEN BY A HYDRAULIC MOTOR

MODELS	Hydraulic Motor Displacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO5-HREV	5.5	Reversible	9.6	1750	400	67	4,200
			16.5	3000	400	75	6,200



Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO5DE

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO5DE-12 +P	12 DC	-	-	28.3	-	385		3,050	68
AO5DE-24 +P	24 DC	-	-	16.6	-	385		3,540	68
AO5DE-12 S	12 DC	-	-	21		385		3,090	68
AO5DE-24 S	24 DC	-	-	10.1		385		3,310	68

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO5DE

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO5DE-220	220 AC	60	250	1.2	4	400	68	3,900	54
AO5DE-220380440	220/380/440 AC	60	250	0,87/0,50/0,50	4	400	68	4,300	54
AO5DE-220380440 +P IP55	220/380/440 AC	60	270	3,85/2,23/2,50	4	400	68	4,200	55
AO5DE-220380440 +P	220/380/440 AC	50/60	370	0,99/0,57/0,56	4	400	70	4,300	54

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO5DE

FAN DRIVEN BY A HYDRAULIC MOTOR

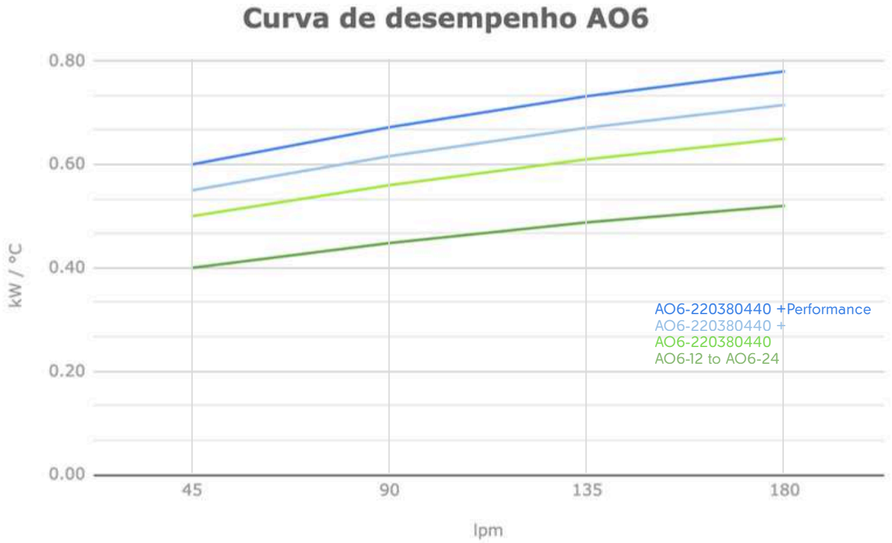
MODELS	Hydraulic Motor Displacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO5DE-HREV	5.5	Reversible	9.6	1750	400	67	4,200
			16.5	3000	400	75	6,200

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO6

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO6-12	12 Vcc	-	-	2 x 9,4	-	2 x 280		3,120	68
AO6-24	24 Vcc	-	-	2 x 4,9	-	2 x 280		3,120	68
AO6-12 S	12 Vcc	-	-	21	-	385		3,090	68
AO6-24 S	24 Vcc	-	-	10.1	-	385		3,310	68
AO6-12 +P	12 Vcc	-	-	28.3	-	385		3,050	68

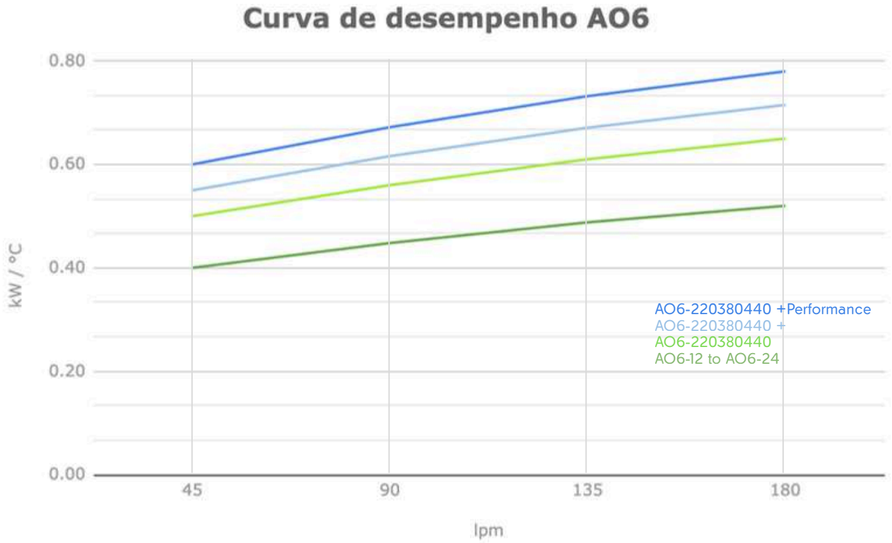


Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO6

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO6-24 +P	24 Vcc	-	-	16.6	-	385		3,540	68
AO6-220	220	60	320	1.3	4	450	68	4,200	54
AO6-220380440	220/380/440	60	360	0,97/0,56/0,62	4	450	70	5,100	54
AO6-220380440 +	220/380/440	60	550	1,47/0,85/0,80	4	450	72	6,500	54
AO6-220380440 +P	220/380/440	50/60	820	2,30/1,35/1,40	4	450	72	7,100	54



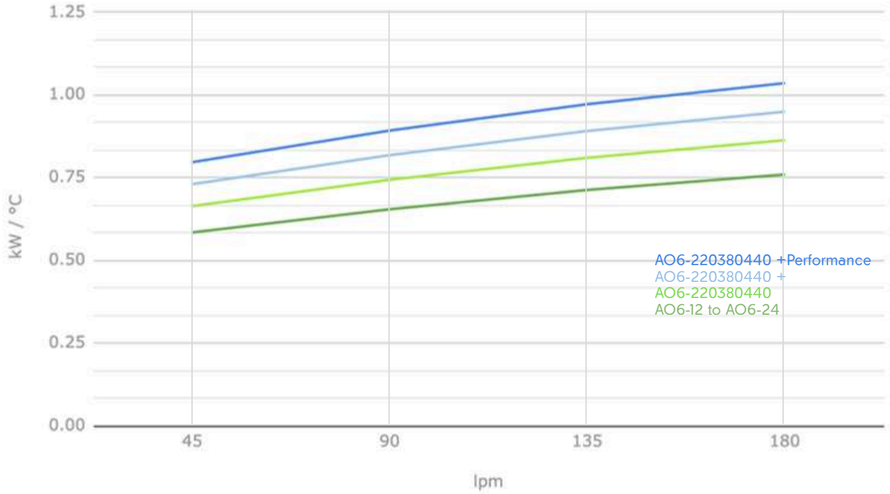
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

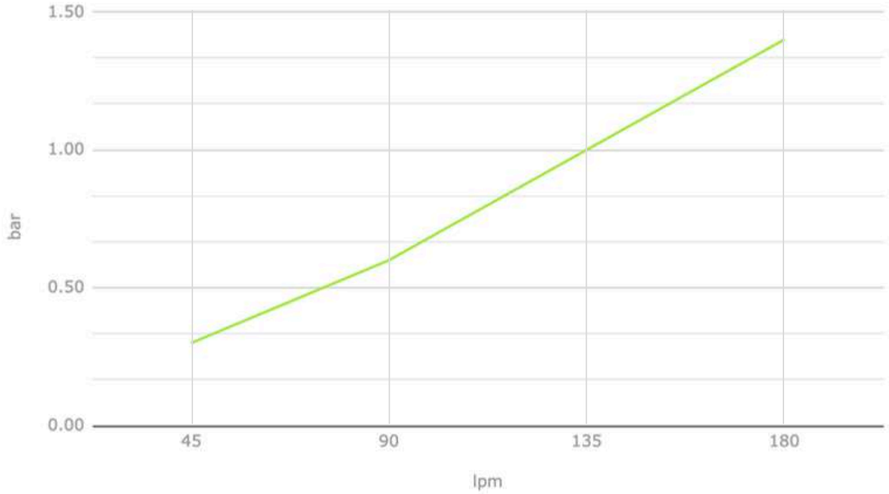
AO6DEX

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rate (m³/h)	IP
AO6DEX-12	12 Vcc	-	-	2 x 9,4	-	2 x 280		3,120	68
AO6DEX-24	24 Vcc	-	-	2 x 4,9	-	2 x 280		3,120	68
AO6DEX-12 S	12 Vcc	-	-	21	-	385		3,090	68
AO6DEX-24 S	24 Vcc	-	-	10.1	-	385		3,310	68
AO6DEX-12 +P	12 Vcc	-	-	28.3	-	385		3,050	68

Curva de desempenho AO6DEX



Curva de perda de carga AO6DEX



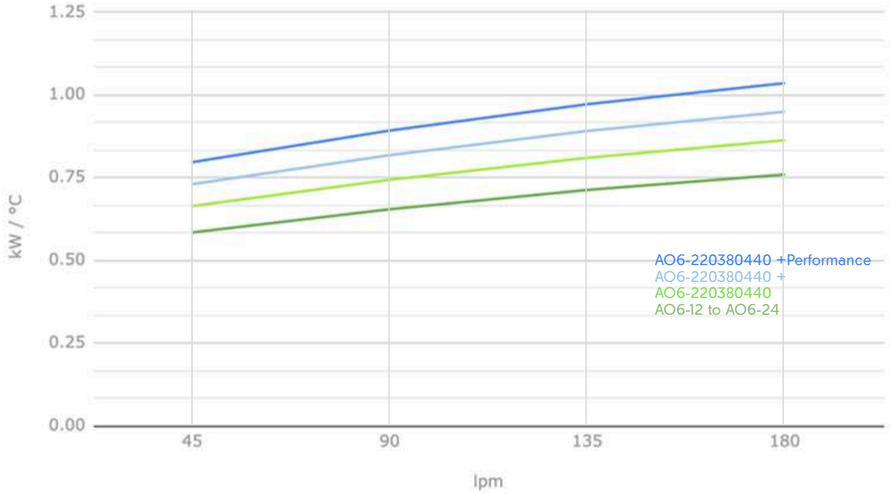
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

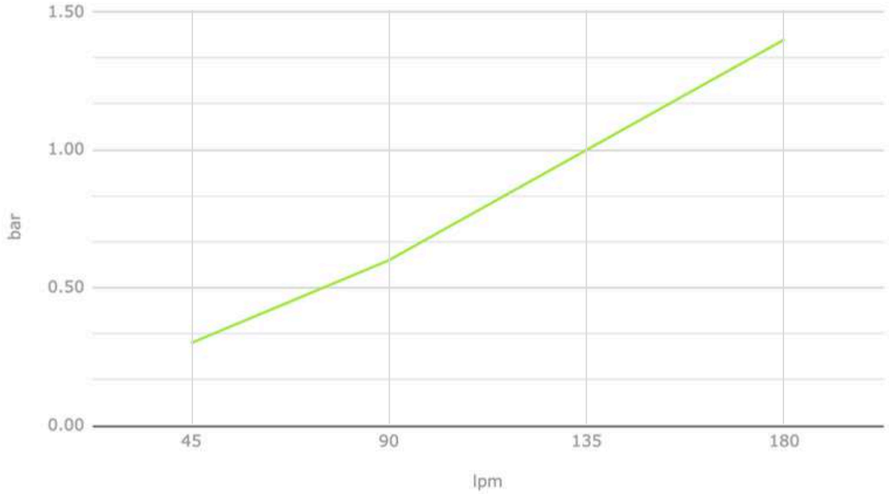
AO6DEX

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rate (m³/h)	IP
AO6DEX-24 +P	24 Vcc	-	-	16.6	-	385		3,540	68
AO6DEX-220	220	60	320	1.3	4	450	68	4,200	54
AO6DEX-220380440	220/380/440	60	360	0,97/0,56/0,62	4	450	70	5,100	54
AO6DEX-220380440 +	220/380/440	60	550	1,47/0,85/0,80	4	450	72	6,500	54
AO6DEX-220380440 +P	220/380/440	50/60	820	2,30/1,35/1,40	4	450	72	7,400	54

Curva de desempenho AO6DEX



Curva de perda de carga AO6DEX



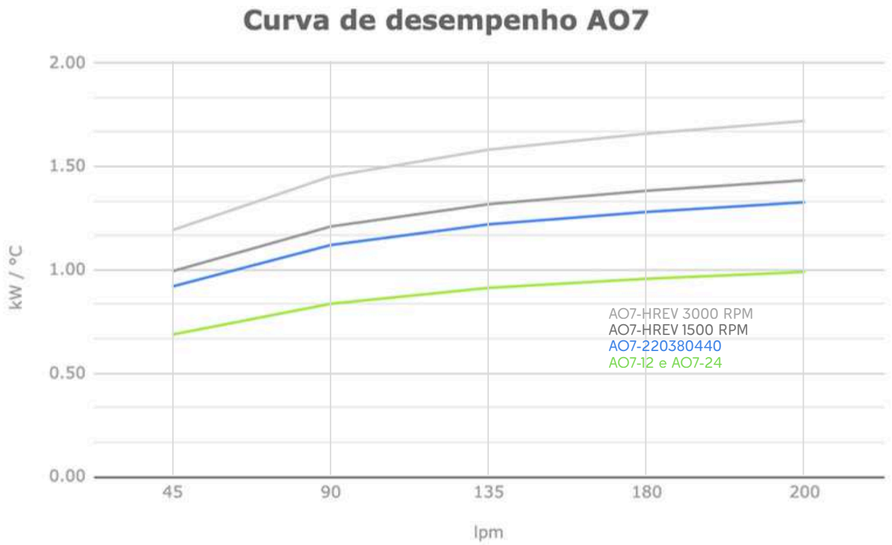
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO7

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO7-220380440 4p	220/380/440	60	1,100	3,11/1,80/2,00	4	500	73	9,200	54
AO7-220380440 +P 4p	220/380/440	60	1,200	3,3/1,9/2,0	4	500	75	9,200	54
AO7-12	12Vcc	-	-	2 x 14,2 = 28,4	-	2 x 305		4,300	68
AO7-24	24Vcc	-	-	2 x 7,1 = 14,2	-	2 x 305		4,300	68



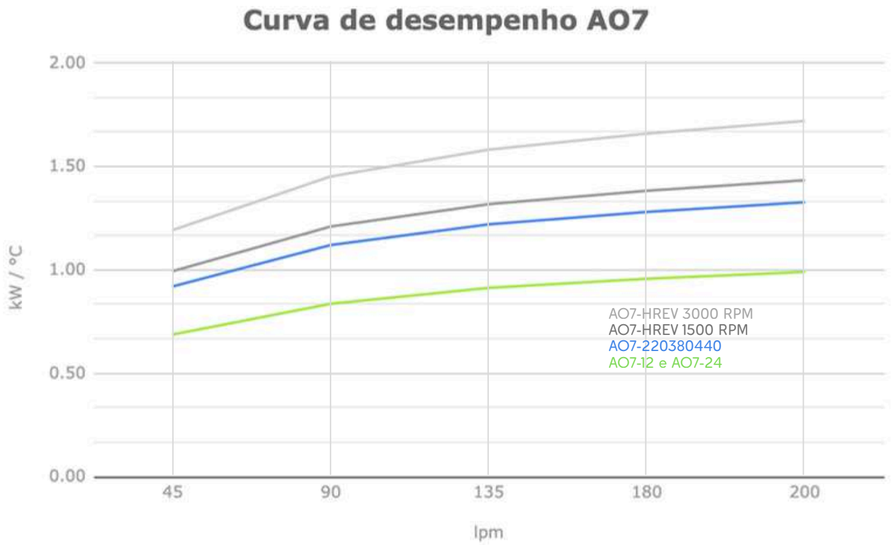
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO7

FAN DRIVEN BY A HYDRAULIC MOTOR

MODELS	Hydraulic Motor Displacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO7-HREV	16	Reversible	28.0	1750	555	77	12,000
			48.0	3000	555	88	20,000



Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO7DE

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO7DE-220380440 4p	220/380/440	60	1,100	3,11/1,80/2,00	4	500	73	9,200	54
AO7DE-220380440 +P 4p	220/380/440	60	1,200	3,3/1,9/2,0	4	500	75	9,200	54
AO7DE-12	12Vcc	-	-	2 x 14,2 = 28,4	-	2 x 305		4,300	68
AO7DE-24	24Vcc	-	-	2 x 7,1 = 14,2	-	2 x 305		4,300	68

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO7DE

FAN DRIVEN BY A HYDRAULIC MOTOR

MODELS	Hydraulic Motor Di splacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO7DE-HREV	16	Reversible	28.0	1750	555	77	12,500
			48.0	3000	555	88	20,500

Pressure drop correction factor

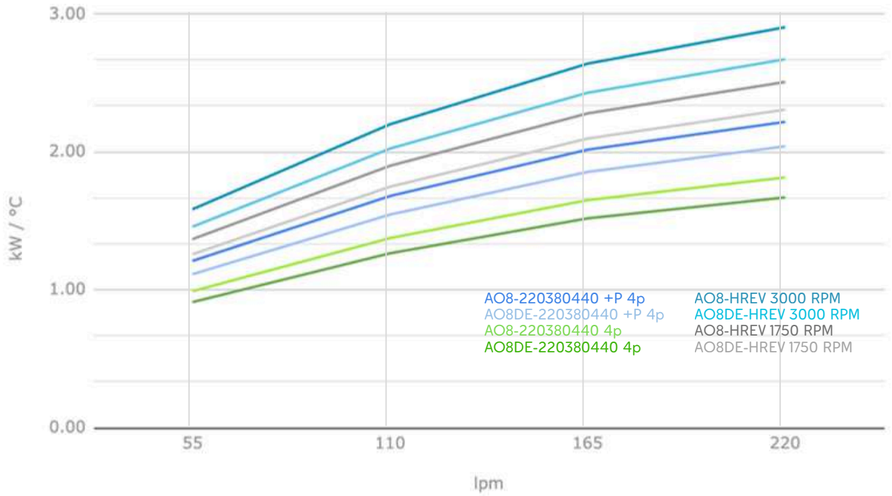
cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO8 and AO8DE

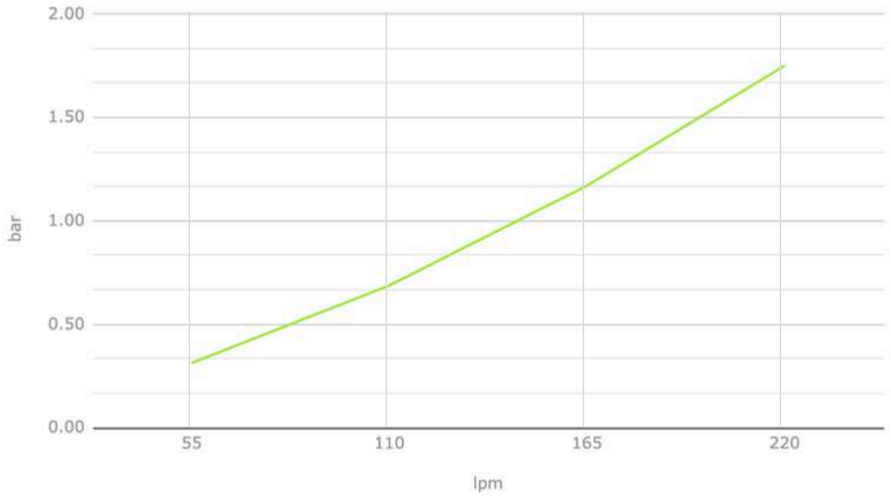
FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO8-220380440 4p	220/380/440	60	545	1,71/0,99/1,02	4	550	73	8,000	54
AO8-220380440 +P 4p	220/380/440	60	1,350	3,89/2,25/2,50	4	560	75	11,500	54
AO8DE-220380440 4p	220/380/440	60	545	1,71/0,99/1,02	4	550	73	8,350	54
AO8DE-220380440 +P 4p	220/380/440	60	1,350	3,89/2,25/2,50	4	560	75	11,950	54

Curva de desempenho AO8 e AO8DE



Curva de perda de carga AO8 e AO8DE



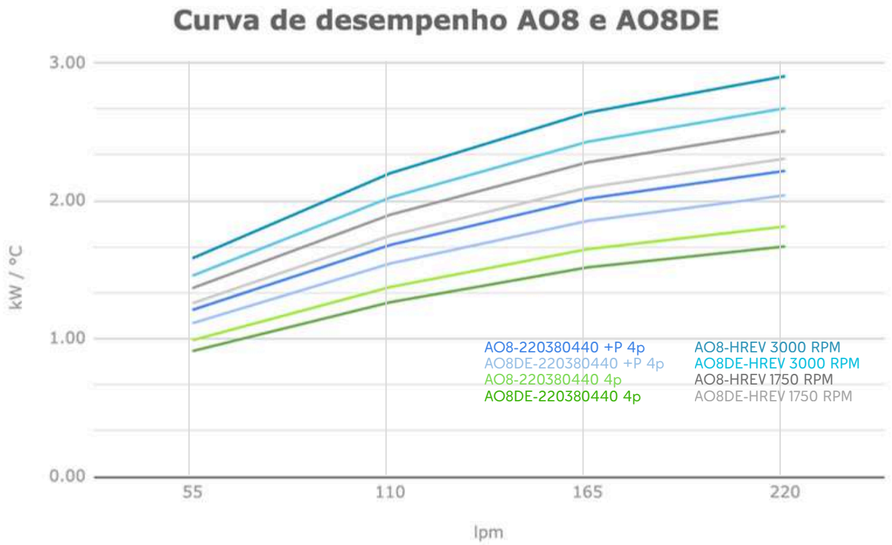
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO8 and AO8DE

FAN DRIVEN BY A HYDRAULIC MOTOR

MODELS	Hydraulic Motor Di splacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO8-HREV	16	Reversible	28.0	1750	555	77	13,000
			48.0	3000	555	88	22,000
AO8DE-HREV	16	Reversible	28.0	1750	555	77	13,550
			48.0	3000	555	88	22,630



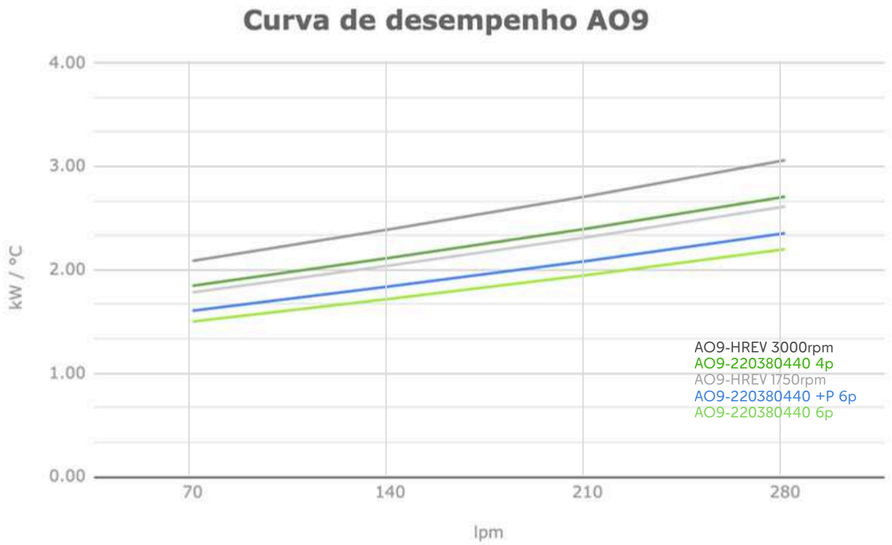
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO9

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO9-220380440 6p	220/380/440	60	780	2,60/1,50/1,50	6	630	73	9,700	54
AO9-220380440 4p	220/380/440	60	1,850	5,72/3,30/3,05	4	630	81	14,700	54
AO9-220380440 +P 6p	220/380/440	60	950	3,0/1,70/1,75	6	630	75	10,650	54



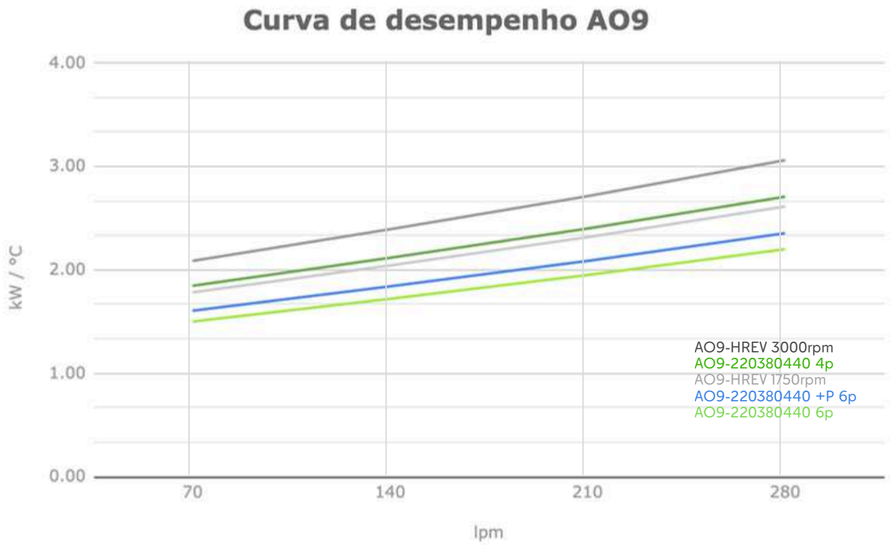
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO9

FAN DRIVEN BY A HYDRAULIC MOTOR

MODELS	Hydraulic Motor Displacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO9-HREV	16	Reversible	28.0	1750	555	77	13,500
			48.0	3000	555	88	23,000



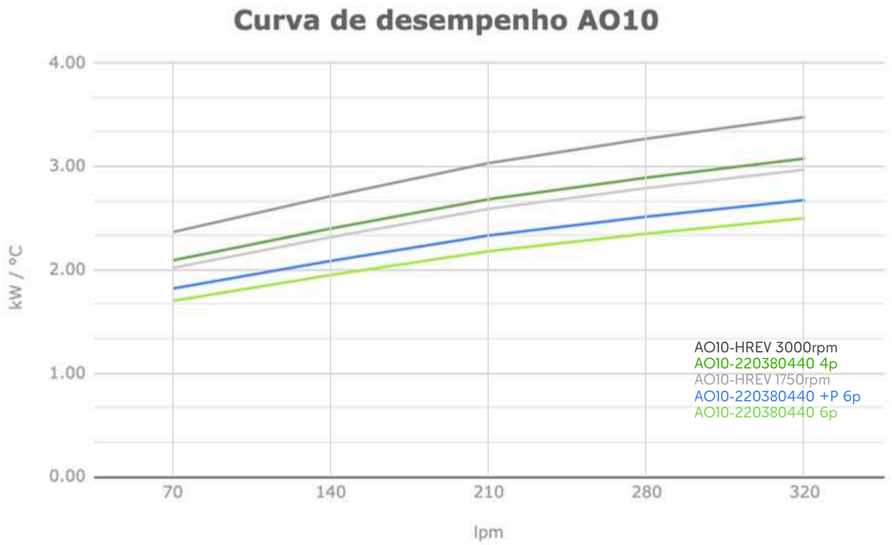
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO10

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO10-220380440 6p	220/380/440	60	780	2,60/1,50/1,50	6	630	73	9,500	54
AO10-220380440 4p	220/380/440	60	1,850	5,72/3,30/3,05	4	630	81	14,500	54
AO10-220380440 +P 6p	220/380/440	60	950	3,0/1,70/1,75	6	630	75	10,500	54



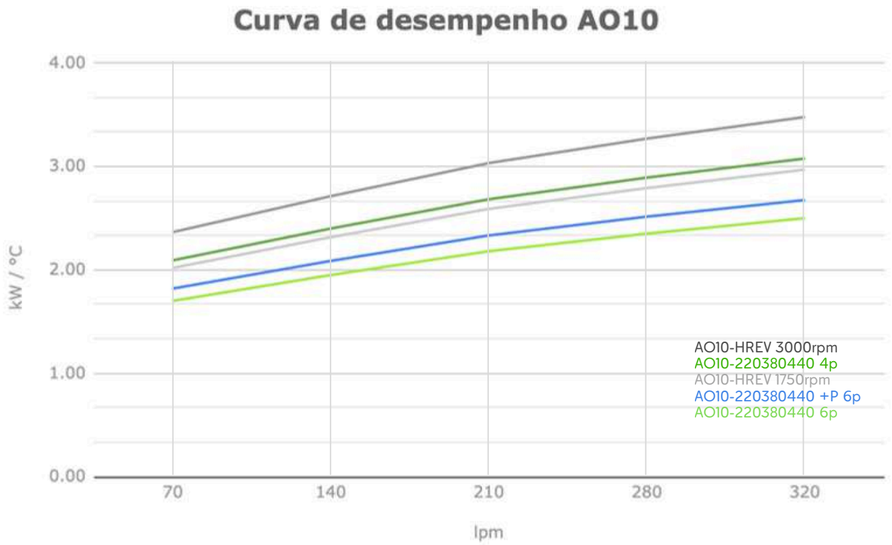
Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO10

FAN DRIVEN BY A HYDRAULIC MOTOR

MODELS	Hydraulic Motor Di splacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO10-HREV	16	Reversible	28.0	1750	555	77	13,000
			48.0	3000	555	88	22,465



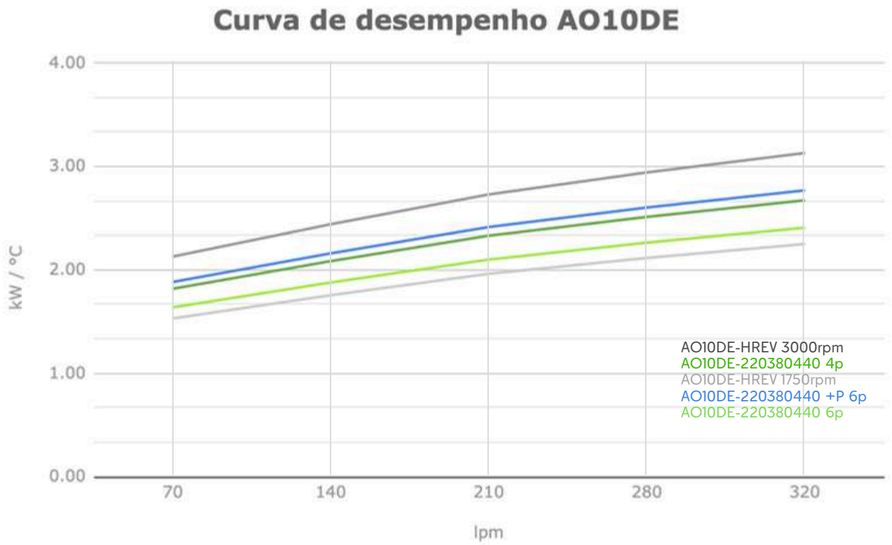
Pressure drop correction factor

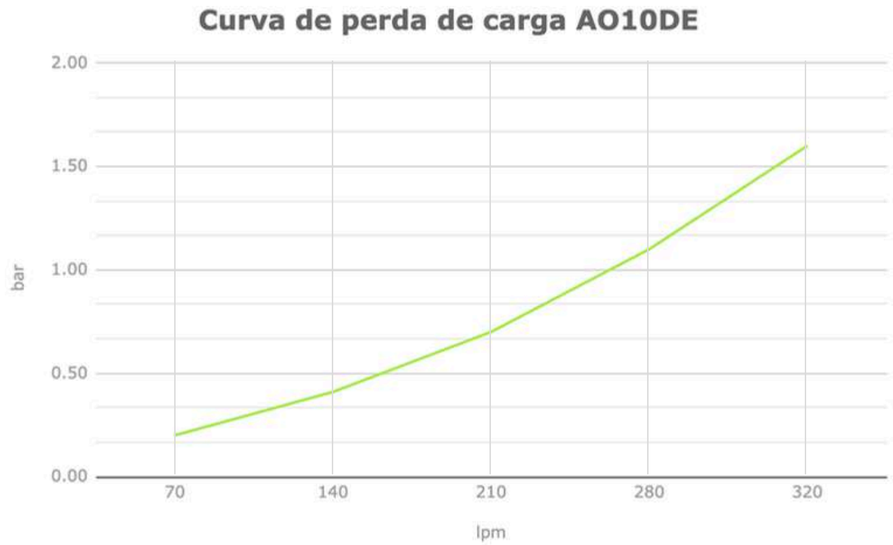
cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO10DE

FAN DRIVEN BY AN ELECTRIC MOTOR

MODELS	In	Hz	Power in W	Current n A	Number of poles	Fan diameter (mm)	dBa	Air flow rat e (m³/h)	IP
AO10DE-220380440 6p	220/380/440	60	780	2,60/1,50/1,50	6	630	73	9,500	54
AO10DE-220380440 4p	220/380/440	60	1,850	5,72/3,30/3,05	4	630	81	14,500	54
AO10DE-220380440 +P 6p	220/380/440	60	950	3,0/1,70/1,75	6	630	75	10,500	54





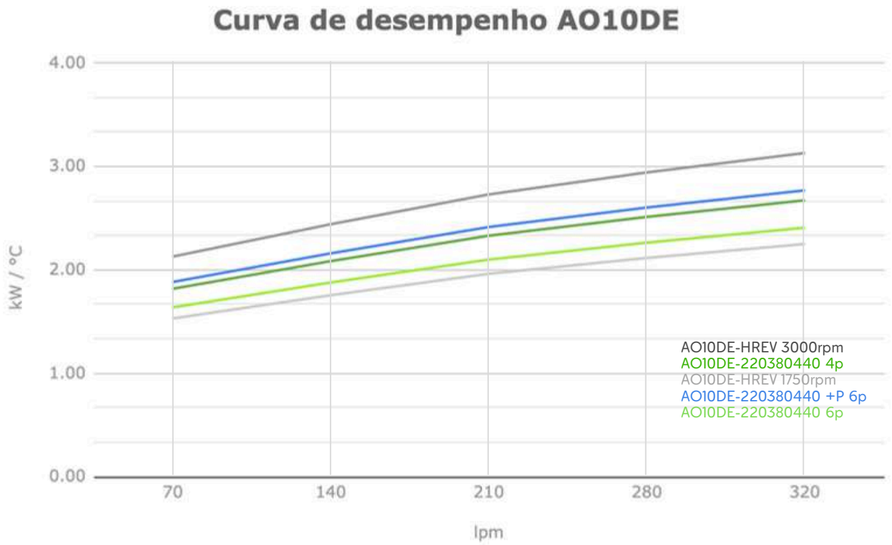
Pressure drop correction factor

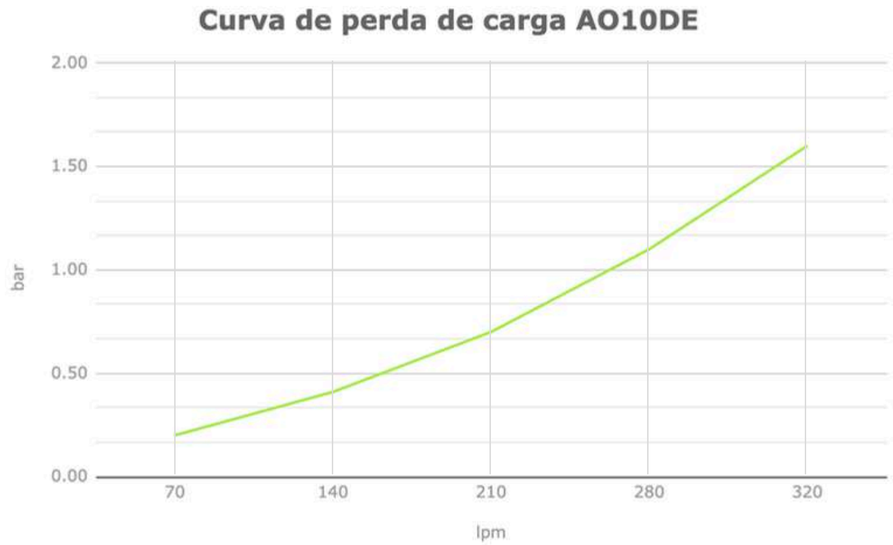
cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO10DE

FAN DRIVEN BY A HYDRAULIC MOTOR

MODELS	Hydraulic Motor Displacement cm3	Direction of rotation	Oil flow rate for engine (l/min)	RPM	Ø of helix mm	dBa	Air flow rate (m³/h)
AO10DE-HREV	16	Reversible	28.0	1750	555	77	13,500
			48.0	3000	555	88	23,100





Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

AO11

MODELS	Power supply voltage	Frequency	Engine Power		Rated current	Number of poles	Fan diameter (mm)	dBa	Air flow rate (m³/h)	IP
	Vca	Hz	CV	kW	A					
AO11-220380440	220/380/440	60	3	2.2	9,68/5,60/4,84	6	900	83	26,381	55
AO11-220380440 +P	220/380/440	60	5	3.7	15,3/8,85/7,64	6	900	81	29,147	55

Pressure drop correction factor

cst	10	15	20	30	40	50	60	80	100	200	300
Factor	0,5	0,7	0,8	1	1,2	1,4	1,6	1,9	2,1	3,3	4,3

APPLICATIONS

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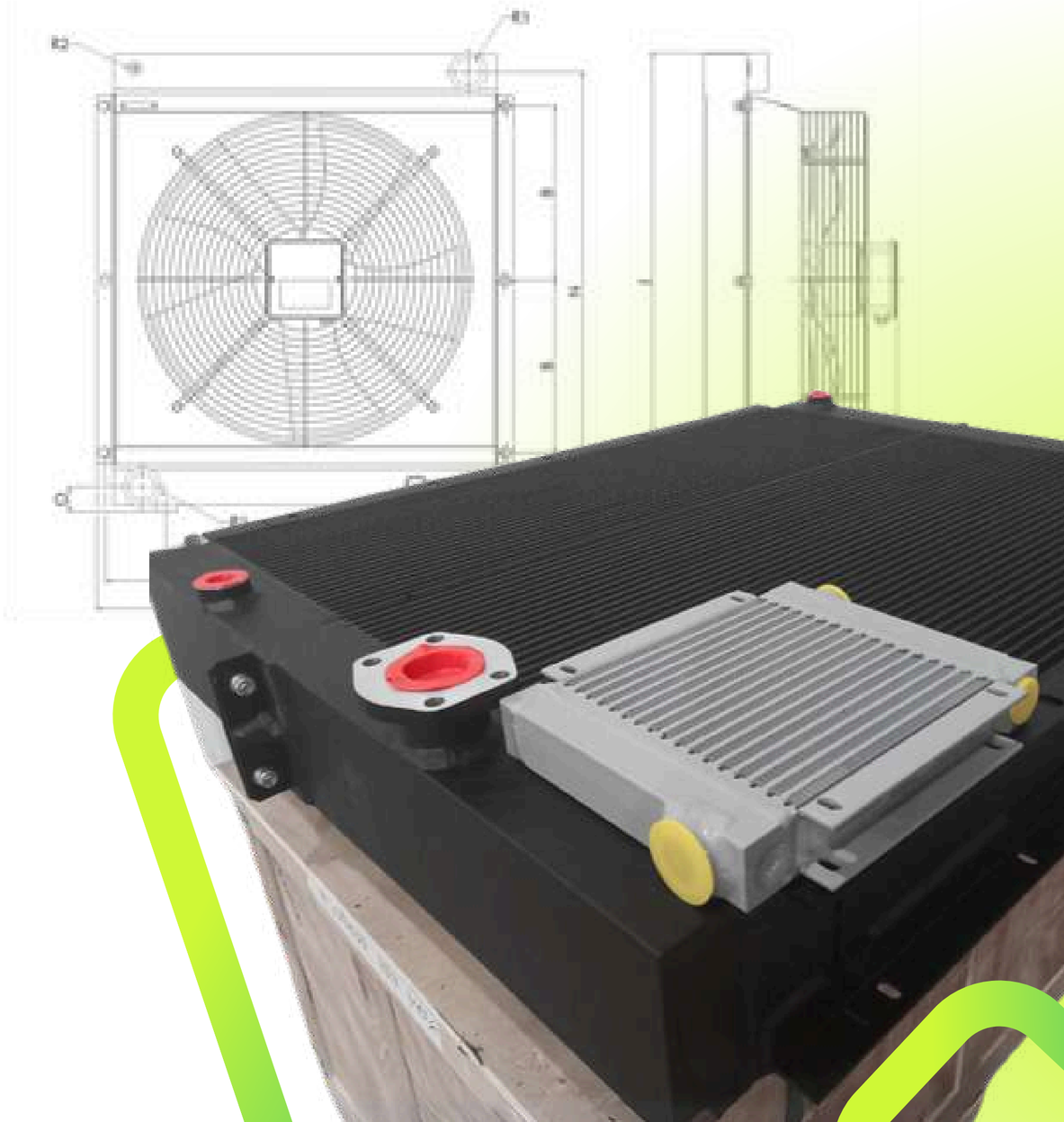

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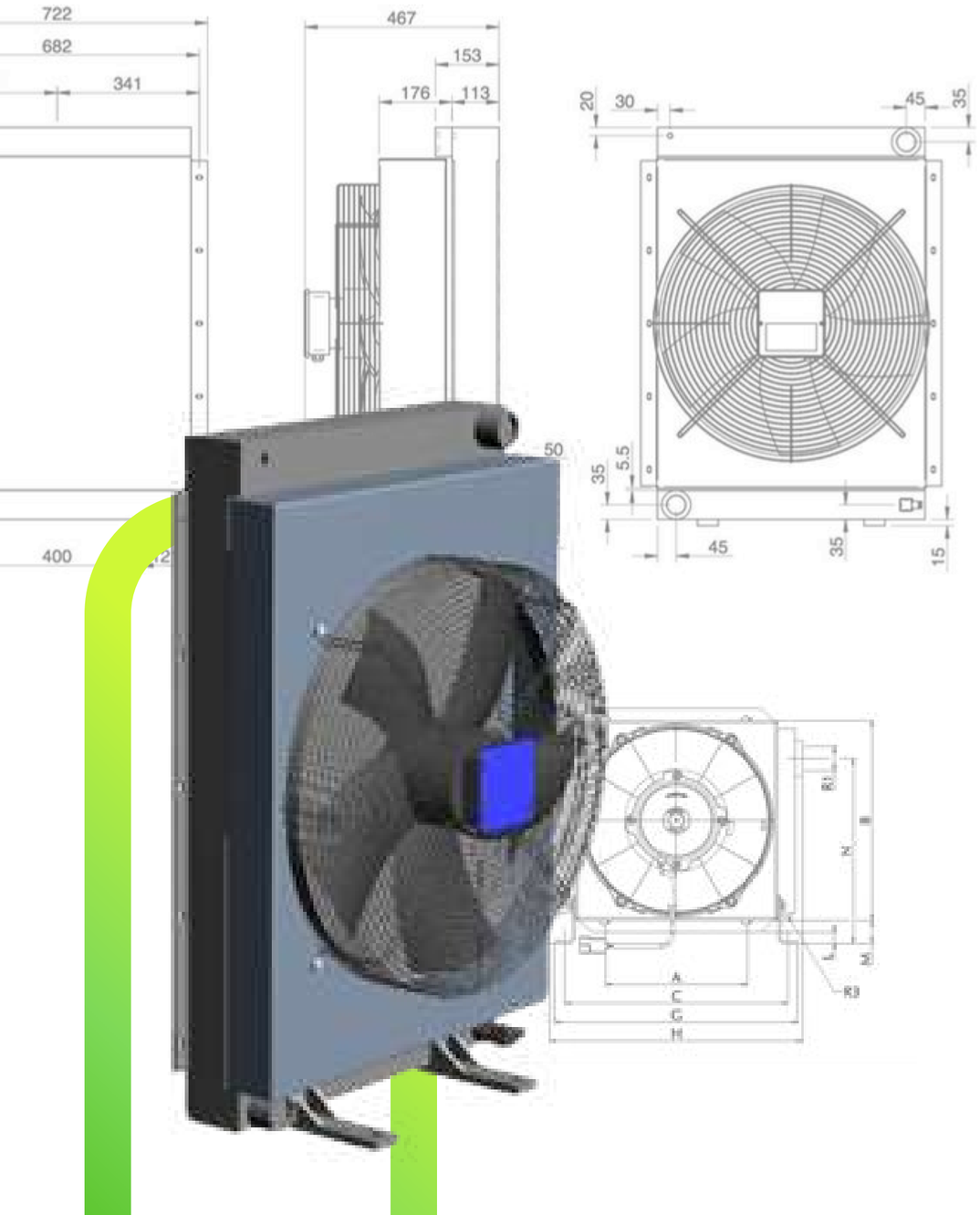

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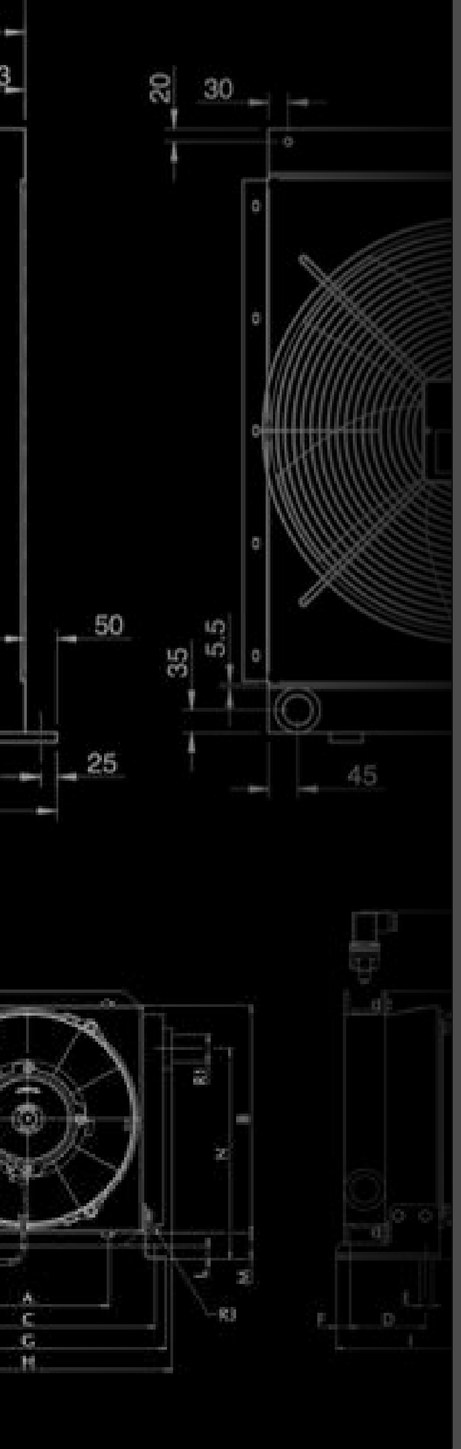

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