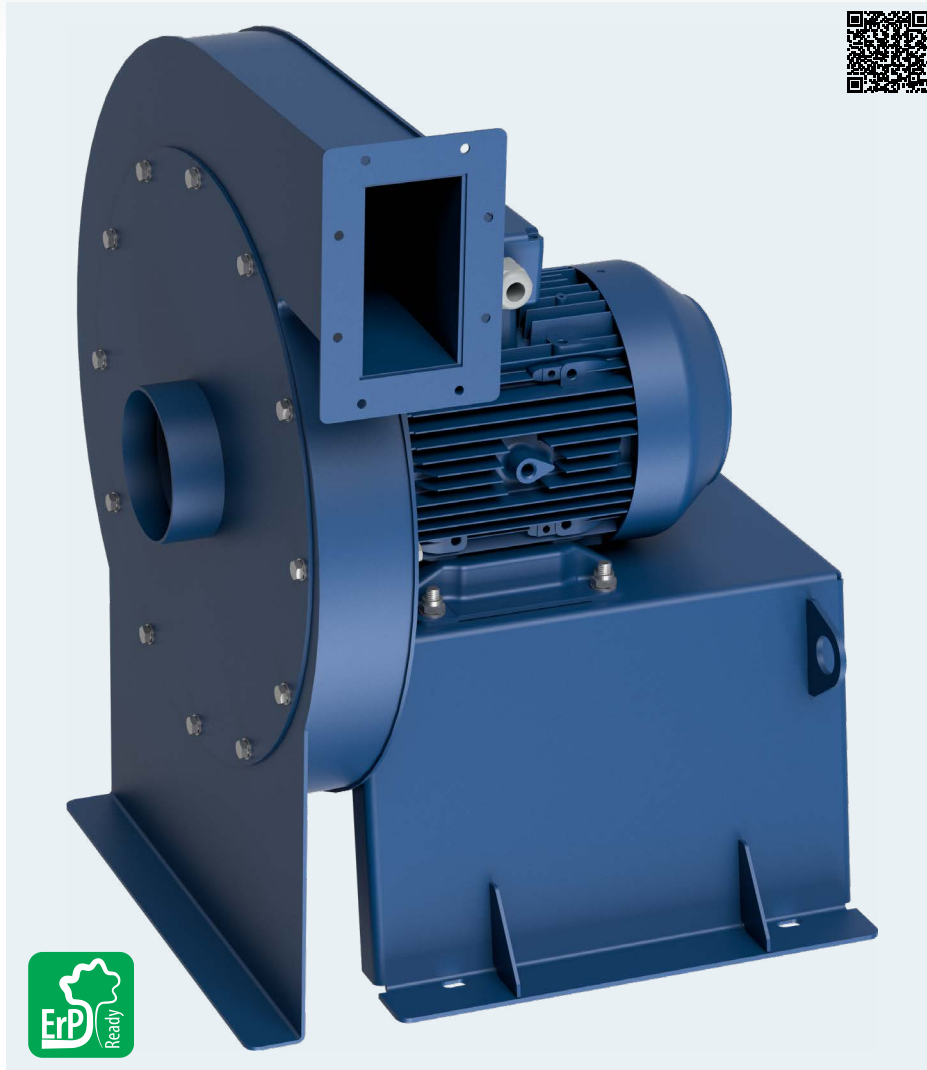




Applications

HB fans are designed for transporting clean air. It has many applications in industry, where in technological processes need a small airflow and high pressure. Typical applications:

- supplying air to gas burner systems,
- filtration systems,
- air transport,
- air drying systems,
- cooling systems.

Construction

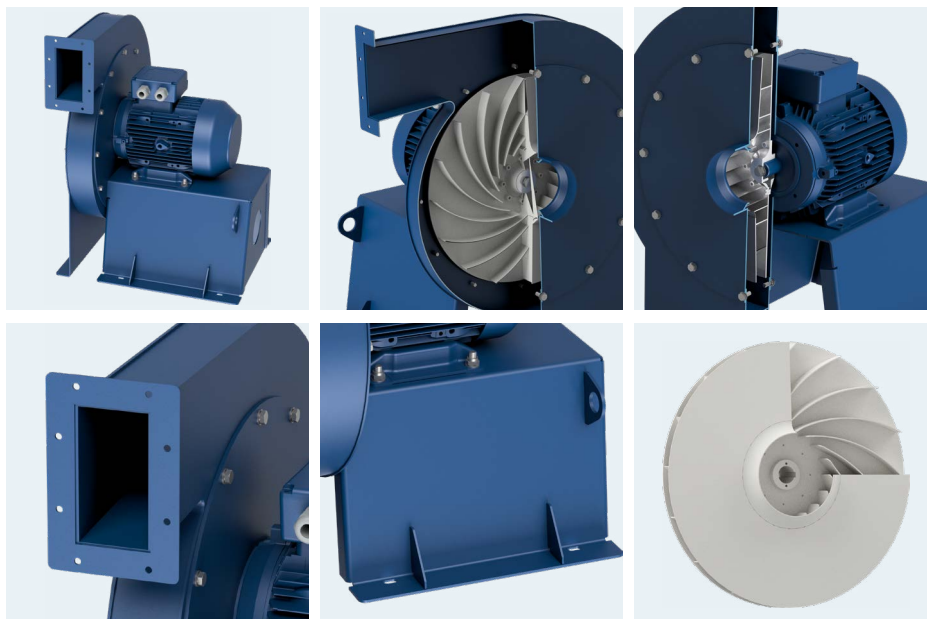
- high and very high-pressure, direct drive, radial fan,
- steel sheet rotor with backward inclined blades,
- steel welded housing,
- painted RAL 5010 (blue), corrosivity category C3,
- medium maximum temperature 80°C,
- ambient temperature of the motor from -30°C to +60°C (depending on model - see technical characteristic table),
- depending on the motor power, the fans are standard in two figures LG90 and LG270 (see specifications table),
- fans are standard in LG270 configuration.

Electric motor

- asynchronous, three-phase 230V/400V 50Hz or 400/690V 50Hz, efficiency class IE3,
- degree of protection IP55,
- insulation class F,
- three-phase motors are adapted for frequency converter.

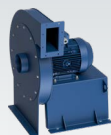
Special executions

- optional configuration LG/RD,
- color other than standard and higher category of corrosivity,
- housing and support made of galvanized steel sheet, stainless steel 1.4301, acid-proof steel 1.4404,
- motor with voltage and frequency of power, degree of protection different than standard, equipped with sensors or additional cooling,
- sealing between the housing and the motor,
- HT version - maximum transported medium temperature higher than standard,
- ambient temperature range below -30°C and above +40°C,
- belt drive, clutch,
- ATEX version.



RELATED PRODUCTS





NOMINAL DATA

type	airflow max	pressure max	speed	voltage rated	current max abs. **	power motor	sound pressure level*	temperature operating min / max	temperature ambient min / max	weight	article number
THREE-PHASE 3000RPM											
HB-2-40A-055T	490 m³/h	3 000 Pa	2 790 rpm	3~400 V	1,35 A	0,55 kW	66 dB(A)	-30 / 80 °C	-30 / 40 °C	48,0 kg	436024020
HB-2-40A-075T	760 m³/h	3 000 Pa	2 890 rpm	3~400 V	1,7 A	0,75 kW	67 dB(A)	-30 / 80 °C	-30 / 40 °C	52,0 kg	436024021
HB-2-40A-110T	1 220 m³/h	3 000 Pa	2 890 rpm	3~400 V	2,5 A	1,1 kW	64 dB(A)	-30 / 80 °C	-30 / 40 °C	53,0 kg	436024022
HB-2-40A-150T	1 350 m³/h	3 000 Pa	2 880 rpm	3~400 V	3 A	1,5 kW	62 dB(A)	-30 / 80 °C	-30 / 40 °C	58,0 kg	436024023
HB-2-40B-075T	680 m³/h	3 165 Pa	2 890 rpm	3~400 V	1,7 A	0,75 kW	68 dB(A)	-30 / 80 °C	-30 / 40 °C	52,0 kg	436024024
HB-2-40B-110T	1 100 m³/h	3 165 Pa	2 890 rpm	3~400 V	2,5 A	1,1 kW	66 dB(A)	-30 / 80 °C	-30 / 40 °C	53,0 kg	436024025
HB-2-40B-150T	1 550 m³/h	3 165 Pa	2 880 rpm	3~400 V	3,0 A	1,5 kW	62 dB(A)	-30 / 80 °C	-30 / 40 °C	58,0 kg	436024026
HB-2-45A-110T	770 m³/h	3 800 Pa	2 890 rpm	3~400 V	2,5 A	1,1 kW	70 dB(A)	-30 / 80 °C	-30 / 40 °C	60,0 kg	436024520
HB-2-45A-150T	1 200 m³/h	3 800 Pa	2 880 rpm	3~400 V	3,0 A	1,5 kW	70 dB(A)	-30 / 80 °C	-30 / 40 °C	65,0 kg	436024521
HB-2-45A-220T	1 920 m³/h	3 800 Pa	2 910 rpm	3~400 V	4,3 A	2,2 kW	65 dB(A)	-30 / 80 °C	-30 / 40 °C	66,0 kg	436024522
HB-2-45B-110T	700 m³/h	3 990 Pa	2 890 rpm	3~400 V	2,5 A	1,1 kW	71 dB(A)	-30 / 80 °C	-30 / 40 °C	60,0 kg	436024523
HB-2-45B-150T	1 080 m³/h	4 005 Pa	2 925 rpm	3~400 V	3,0 A	1,5 kW	70 dB(A)	-30 / 80 °C	-30 / 40 °C	65,0 kg	436024524
HB-2-45B-220T	1 720 m³/h	4 005 Pa	2 910 rpm	3~400 V	4,3 A	2,2 kW	69 dB(A)	-30 / 80 °C	-30 / 40 °C	66,0 kg	436024525
HB-2-45B-300T	2 190 m³/h	4 005 Pa	2 880 rpm	3~400 V	5,3 A	3,0 kW	66 dB(A)	-30 / 80 °C	-30 / 40 °C	73,0 kg	436024526
HB-2-50A-150T	800 m³/h	4 650 Pa	2 880 rpm	3~400 V	3,0 A	1,5 kW	72 dB(A)	-30 / 80 °C	-30 / 40 °C	73,0 kg	436025020
HB-2-50A-220T	1 310 m³/h	4 700 Pa	2 910 rpm	3~400 V	4,3 A	2,2 kW	73 dB(A)	-30 / 80 °C	-30 / 40 °C	75,0 kg	436025021
HB-2-50A-300T	2 100 m³/h	4 700 Pa	2 915 rpm	3~400 V	5,3 A	3,0 kW	72 dB(A)	-30 / 80 °C	-30 / 40 °C	81,0 kg	436025022
HB-2-50A-400T	2 600 m³/h	4 700 Pa	2 895 rpm	3~400 V	7,3 A	4,0 kW	70 dB(A)	-30 / 80 °C	-30 / 40 °C	92,0 kg	436025023
HB-2-50B-220T	1 230 m³/h	4 945 Pa	2 910 rpm	3~400 V	4,3 A	2,2 kW	74 dB(A)	-30 / 80 °C	-30 / 40 °C	75,0 kg	436025024
HB-2-50B-300T	1 850 m³/h	4 945 Pa	2 915 rpm	3~400 V	5,3 A	3,0 kW	75 dB(A)	-30 / 80 °C	-30 / 40 °C	81,0 kg	436025025
HB-2-50B-400T	2 730 m³/h	4 945 Pa	2 895 rpm	3~400 V	7,3 A	4,0 kW	72 dB(A)	-30 / 80 °C	-30 / 40 °C	92,0 kg	436025026
HB-2-56A-300T	1 350 m³/h	5 900 Pa	2 915 rpm	3~400 V	5,3 A	3,0 kW	76 dB(A)	-30 / 80 °C	-30 / 40 °C	93,0 kg	436025620
HB-2-56A-400T	2 000 m³/h	5 900 Pa	2 895 rpm	3~400 V	7,3 A	4,0 kW	77 dB(A)	-30 / 80 °C	-30 / 40 °C	104,0 kg	436025621
HB-2-56A-550T	3 050 m³/h	5 900 Pa	2 940 rpm	3~400 V	10 A	5,5 kW	75 dB(A)	-30 / 80 °C	-30 / 40 °C	123,0 kg	436025622
HB-2-56A-750T	3 800 m³/h	5 900 Pa	2 930 rpm	3~400 V	13,3 A	7,5 kW	73 dB(A)	-30 / 80 °C	-30 / 40 °C	132,0 kg	436025623
HB-2-56B-300T	1 170 m³/h	6 150 Pa	2 915 rpm	3~400 V	5,3 A	3,0 kW	76 dB(A)	-30 / 80 °C	-30 / 40 °C	93,0 kg	436025624
HB-2-56B-400T	1 800 m³/h	6 200 Pa	2 895 rpm	3~400 V	7,3 A	4,0 kW	78 dB(A)	-30 / 80 °C	-30 / 40 °C	104,0 kg	436025625
HB-2-56B-550T	2 700 m³/h	6 200 Pa	2 940 rpm	3~400 V	10 A	5,5 kW	78 dB(A)	-30 / 80 °C	-30 / 40 °C	123,0 kg	436025626
HB-2-56B-750T	4 100 m³/h	6 200 Pa	2 930 rpm	3~400 V	13,3 A	7,5 kW	74 dB(A)	-30 / 80 °C	-30 / 40 °C	132,0 kg	436025627
HB-2-63A-550T	1 950 m³/h	7 450 Pa	2 940 rpm	3~400 V	10 A	5,5 kW	80 dB(A)	-30 / 80 °C	-30 / 40 °C	144,0 kg	436026320
HB-2-63A-750T	3 000 m³/h	7 450 Pa	2 930 rpm	3~400 V	13,3 A	7,5 kW	81 dB(A)	-30 / 80 °C	-30 / 40 °C	153,0 kg	436026321
HB-2-63A-1100T	4 950 m³/h	7 450 Pa	2 925 rpm	3~400 V	19,3 A	11,0 kW	78 dB(A)	-30 / 80 °C	-30 / 40 °C	212,0 kg	436026322
HB-2-63B-550T	1 600 m³/h	7 800 Pa	2 940 rpm	3~400 V	10 A	5,5 kW	80 dB(A)	-30 / 80 °C	-30 / 40 °C	144,0 kg	436026323
HB-2-63B-750T	2 700 m³/h	7 850 Pa	2 930 rpm	3~400 V	13,3 A	7,5 kW	82 dB(A)	-30 / 80 °C	-30 / 40 °C	153,0 kg	436026324
HB-2-63B-1100T	4 500 m³/h	7 850 Pa	2 925 rpm	3~400 V	19,3 A	11,0 kW	80 dB(A)	-30 / 80 °C	-30 / 40 °C	212,0 kg	436026325
HB-2-63B-1500T	6 000 m³/h	7 850 Pa	2 940 rpm	3~400 V	26 A	15,0 kW	77 dB(A)	-30 / 80 °C	-30 / 40 °C	221,0 kg	436026326
HB-2-71A-1100T	3 100 m³/h	9 500 Pa	2 925 rpm	3~400 V	19,3 A	11,0 kW	84 dB(A)	-30 / 80 °C	-30 / 40 °C	233,0 kg	436027120
HB-2-71A-1500T	4 850 m³/h	9 500 Pa	2 940 rpm	3~400 V	26 A	15,0 kW	84 dB(A)	-30 / 80 °C	-30 / 40 °C	244,0 kg	436027121
HB-2-71A-1850T	6 250 m³/h	9 500 Pa	2 940 rpm	3~400 V	32,1 A	18,5 kW	82 dB(A)	-30 / 80 °C	-30 / 40 °C	251,0 kg	436027122
HB-2-71A-2200T	7 450 m³/h	9 500 Pa	2 950 rpm	3~400 V	38,1 A	22,0 kW	80 dB(A)	-30 / 80 °C	-30 / 40 °C	302,0 kg	436027123
HB-2-71B-1100T	3 000 m³/h	9 970 Pa	2 925 rpm	3~400 V	19,3 A	11,0 kW	85 dB(A)	-30 / 80 °C	-30 / 40 °C	233,0 kg	436027124
HB-2-71B-1500T	4 600 m³/h	9 970 Pa	2 940 rpm	3~400 V	26 A	15,0 kW	86 dB(A)	-30 / 80 °C	-30 / 40 °C	244,0 kg	436027125
HB-2-71B-1850T	5 650 m³/h	9 970 Pa	2 940 rpm	3~400 V	32,1 A	18,5 kW	85 dB(A)	-30 / 80 °C	-30 / 40 °C	251,0 kg	436027126

*Measurement made at a distance of 1.5m from the outlet, for Q = 2/3 * Qmax

** value of the rated current may vary depending on the manufacturer of the electric motor used.



NOMINAL DATA

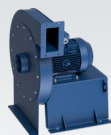
type	airflow max	pressure max	speed	voltage rated	current max abs.**	power motor	sound pressure level*	temperature operating min / max	temperature ambient min / max	weight	article number
HB-2-71B-2200T	7 390 m³/h	9 970 Pa	2 950 rpm	3~400 V	38,1 A	22,0 kW	84 dB(A)	-30 / 80 °C	-30 / 40 °C	302,0 kg	436027127
HB-2-80A-1850T	3 950 m³/h	12 050 Pa	2 940 rpm	3~400 V	32,1 A	18,5 kW	86 dB(A)	-30 / 80 °C	-30 / 40 °C	273,0 kg	436028020
HB-2-80A-2200T	5 200 m³/h	12 050 Pa	2 950 rpm	3~400 V	38,1 A	22,0 kW	87 dB(A)	-30 / 80 °C	-30 / 40 °C	327,0 kg	436028021
HB-2-80A-3000T	7 950 m³/h	12 050 Pa	2 965 rpm	3~400 V	53 A	30,0 kW	88 dB(A)	-30 / 80 °C	-30 / 40 °C	395,0 kg	436028022
HB-2-80A-3700T	10 700 m³/h	12 050 Pa	2 955 rpm	3~400 V	65 A	37,0 kW	84 dB(A)	-30 / 80 °C	-30 / 40 °C	410,0 kg	436028023
HB-2-80B-1850T	3 900 m³/h	12 500 Pa	2 940 rpm	3~400 V	32,1 A	18,5 kW	88 dB(A)	-30 / 80 °C	-30 / 40 °C	273,0 kg	436028024
HB-2-80B-2200T	4 500 m³/h	12 660 Pa	2 950 rpm	3~400 V	38,1 A	22,0 kW	89 dB(A)	-30 / 80 °C	-30 / 40 °C	327,0 kg	436028025
HB-2-80B-3000T	7 200 m³/h	12 660 Pa	2 965 rpm	3~400 V	53 A	30,0 kW	89 dB(A)	-30 / 80 °C	-30 / 40 °C	395,0 kg	436028026
HB-2-80B-3700T	9 150 m³/h	12 660 Pa	2 955 rpm	3~400 V	65 A	37,0 kW	87 dB(A)	-30 / 80 °C	-30 / 40 °C	410,0 kg	436028027
HB-2-80B-4500T	12 020 m³/h	12 660 Pa	2 960 rpm	3~400 V	77 A	45,0 kW	85 dB(A)	-30 / 80 °C	-30 / 40 °C	525,0 kg	436028028
HB-2-90A-3000T	4 800 m³/h	15 250 Pa	2 965 rpm	3~400 V	53 A	30,0 kW	90 dB(A)	-30 / 80 °C	-30 / 40 °C	439,0 kg	436029020
HB-2-90A-3700T	6 400 m³/h	15 250 Pa	2 955 rpm	3~400 V	65 A	37,0 kW	91 dB(A)	-30 / 80 °C	-30 / 40 °C	454,0 kg	436029021
HB-2-90A-4500T	8 500 m³/h	15 250 Pa	2 960 rpm	3~400 V	77 A	45,0 kW	92 dB(A)	-30 / 80 °C	-30 / 40 °C	576,0 kg	436029022
HB-2-90A-5500T	11 700 m³/h	15 250 Pa	2 970 rpm	3~400 V	92 A	55,0 kW	90 dB(A)	-30 / 80 °C	-30 / 40 °C	611,0 kg	436029023
HB-2-90A-7500T	15 200 m³/h	15 250 Pa	2 960 rpm	3~400 V	127 A	75,0 kW	88 dB(A)	-30 / 80 °C	-30 / 40 °C	761,0 kg	446029024
HB-2-90B-3000T	4 500 m³/h	16 000 Pa	2 965 rpm	3~400 V	53 A	30,0 kW	91 dB(A)	-30 / 80 °C	-30 / 40 °C	439,0 kg	436029025
HB-2-90B-3700T	6 400 m³/h	16 020 Pa	2 955 rpm	3~400 V	65 A	37,0 kW	92 dB(A)	-30 / 80 °C	-30 / 40 °C	454,0 kg	436029026
HB-2-90B-4500T	8 400 m³/h	16 020 Pa	2 960 rpm	3~400 V	77 A	45,0 kW	93 dB(A)	-30 / 80 °C	-30 / 40 °C	576,0 kg	436029027
HB-2-90B-5500T	10 500 m³/h	16 020 Pa	2 970 rpm	3~400 V	92 A	55,0 kW	93 dB(A)	-30 / 80 °C	-30 / 40 °C	611,0 kg	436029028
HB-2-90B-7500T	15 585 m³/h	16 020 Pa	2 960 rpm	3~400 V	127 A	75,0 kW	91 dB(A)	-30 / 80 °C	-30 / 40 °C	761,0 kg	446029029
HB-2-100A-5500T	8 000 m³/h	18 800 Pa	2 970 rpm	3~400 V	92 A	55,0 kW	94 dB(A)	-30 / 80 °C	-30 / 40 °C	540,0 kg	436021020
HB-2-100A-7500T	12 000 m³/h	18 800 Pa	2 960 rpm	3~400 V	127 A	75,0 kW	95 dB(A)	-30 / 80 °C	-30 / 40 °C	789,0 kg	446021021
HB-2-100A-9000T	15 000 m³/h	18 800 Pa	2 980 rpm	3~400 V	150 A	90,0 kW	95 dB(A)	-30 / 80 °C	-30 / 40 °C	879,0 kg	446021022
HB-2-100A-11000T	19 800 m³/h	18 800 Pa	2 980 rpm	3~400 V	183 A	110,0 kW	93 dB(A)	-30 / 80 °C	-30 / 40 °C	1 026,0 kg	446021023
HB-2-100B-5500T	7 000 m³/h	19 500 Pa	2 970 rpm	3~400 V	92 A	55,0 kW	94 dB(A)	-30 / 80 °C	-30 / 40 °C	540,0 kg	436021024
HB-2-100B-7500T	10 600 m³/h	19 780 Pa	2 960 rpm	3~400 V	127 A	75,0 kW	96 dB(A)	-30 / 80 °C	-30 / 40 °C	789,0 kg	446021025
HB-2-100B-9000T	13 700 m³/h	19 780 Pa	2 980 rpm	3~400 V	150 A	90,0 kW	96 dB(A)	-30 / 80 °C	-30 / 40 °C	879,0 kg	446021026
HB-2-100B-11000T	18 000 m³/h	19 780 Pa	2 980 rpm	3~400 V	183 A	110,0 kW	94 dB(A)	-30 / 80 °C	-30 / 40 °C	1 026,0 kg	446021027
HB-2-100B-13200T	22 860 m³/h	19 780 Pa	2 975 rpm	3~400 V	222 A	132,0 kW	92 dB(A)	-30 / 80 °C	-30 / 40 °C	1 196,0 kg	446021028

THREE-PHASE 1500RPM

HB-4-40A-009T	340 m³/h	725 Pa	1 380 rpm	3~400 V	0,35 A	0,09 kW	52 dB(A)	-30 / 80 °C	-30 / 40 °C	44,0 kg	436024040
HB-4-40A-012T	530 m³/h	725 Pa	1 380 rpm	3~400 V	0,45 A	0,12 kW	52 dB(A)	-30 / 80 °C	-30 / 40 °C	45,0 kg	436024041
HB-4-40A-018T	660 m³/h	725 Pa	1 380 rpm	3~400 V	0,65 A	0,18 kW	49 dB(A)	-30 / 80 °C	-30 / 40 °C	45,0 kg	436024042
HB-4-40B-009T	340 m³/h	765 Pa	1 380 rpm	3~400 V	0,35 A	0,09 kW	52 dB(A)	-30 / 80 °C	-15 / 40 °C	44,0 kg	436024043
HB-4-40B-012T	500 m³/h	765 Pa	1 380 rpm	3~400 V	0,45 A	0,12 kW	52 dB(A)	-30 / 80 °C	-15 / 40 °C	45,0 kg	436024044
HB-4-40B-018T	760 m³/h	765 Pa	1 380 rpm	3~400 V	0,65 A	0,18 kW	47 dB(A)	-30 / 80 °C	-15 / 40 °C	45,0 kg	436024045
HB-4-45A-012T	340 m³/h	920 Pa	1 380 rpm	3~400 V	0,45 A	0,12 kW	56 dB(A)	-30 / 80 °C	-30 / 40 °C	52,0 kg	436024540
HB-4-45A-018T	600 m³/h	920 Pa	1 380 rpm	3~400 V	0,65 A	0,18 kW	56 dB(A)	-30 / 80 °C	-30 / 40 °C	53,0 kg	436024541
HB-4-45A-025T	930 m³/h	920 Pa	1 380 rpm	3~400 V	0,85 A	0,25 kW	52 dB(A)	-30 / 80 °C	-30 / 40 °C	54,0 kg	436024542
HB-4-45B-018T	590 m³/h	970 Pa	1 380 rpm	3~400 V	0,65 A	0,18 kW	56 dB(A)	-30 / 80 °C	-15 / 40 °C	52,0 kg	436024543
HB-4-45B-025T	840 m³/h	970 Pa	1 380 rpm	3~400 V	0,85 A	0,25 kW	54 dB(A)	-30 / 80 °C	-15 / 40 °C	53,0 kg	436024544
HB-4-45B-037T	1 080 m³/h	970 Pa	1 370 rpm	3~400 V	1,15 A	0,37 kW	51 dB(A)	-30 / 80 °C	-15 / 40 °C	54,0 kg	436024545
HB-4-50A-018T	430 m³/h	1 130 Pa	1 380 rpm	3~400 V	0,65 A	0,18 kW	58 dB(A)	-30 / 80 °C	-30 / 40 °C	60,0 kg	436025040
HB-4-50A-025T	640 m³/h	1 130 Pa	1 380 rpm	3~400 V	0,85 A	0,25 kW	59 dB(A)	-30 / 80 °C	-30 / 40 °C	61,0 kg	436025041
HB-4-50A-037T	1 050 m³/h	1 130 Pa	1 370 rpm	3~400 V	1,15 A	0,37 kW	58 dB(A)	-30 / 80 °C	-30 / 40 °C	62,0 kg	436025042
HB-4-50A-055T	1 290 m³/h	1 130 Pa	1 400 rpm	3~400 V	1,7 A	0,55 kW	56 dB(A)	-30 / 80 °C	-30 / 40 °C	63,0 kg	436025043

*Measurement made at a distance of 1.5m from the outlet, for Q = 2/3 * Qmax

** value of the rated current may vary depending on the manufacturer of the electric motor used.



NOMINAL DATA

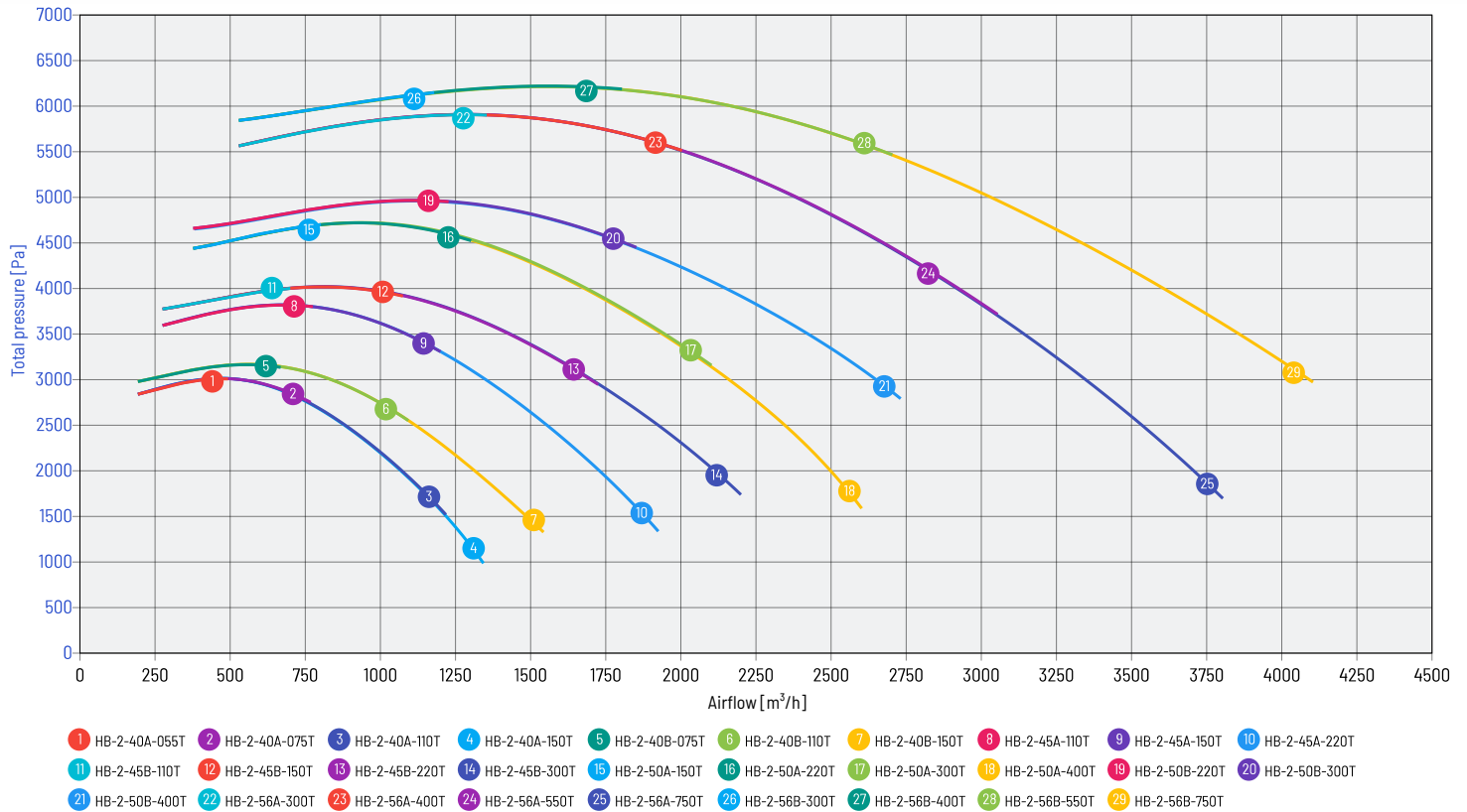
type	airflow max	pressure max	speed	voltage rated	current max abs.**	power motor	sound pressure level*	temperature operating min / max	temperature ambient min / max	weight	article number
HB-4-50B-025T	600 m³/h	1 195 Pa	1 380 rpm	3~400 V	0,85 A	0,25 kW	59 dB(A)	-30 / 80 °C	-15 / 40 °C	61,0 kg	436025044
HB-4-50B-037T	1 000 m³/h	1 195 Pa	1 370 rpm	3~400 V	1,15 A	0,37 kW	58 dB(A)	-30 / 80 °C	-15 / 40 °C	62,0 kg	436025045
HB-4-50B-055T	1 470 m³/h	1 195 Pa	1 400 rpm	3~400 V	1,7 A	0,55 kW	54 dB(A)	-30 / 80 °C	-30 / 60 °C	63,0 kg	436025046
HB-4-56A-037T	720 m³/h	1 420 Pa	1 370 rpm	3~400 V	1,15 A	0,37 kW	61 dB(A)	-30 / 80 °C	-30 / 40 °C	74,0 kg	436025640
HB-4-56A-055T	1 200 m³/h	1 420 Pa	1 400 rpm	3~400 V	1,7 A	0,55 kW	62 dB(A)	-30 / 80 °C	-30 / 40 °C	75,0 kg	436025641
HB-4-56A-075T	1 800 m³/h	1 420 Pa	1 430 rpm	3~400 V	2,1 A	0,75 kW	58 dB(A)	-30 / 80 °C	-30 / 40 °C	79,0 kg	436025642
HB-4-56B-037T	630 m³/h	1 500 Pa	1 370 rpm	3~400 V	1,15 A	0,37 kW	63 dB(A)	-30 / 80 °C	-15 / 40 °C	74,0 kg	436025643
HB-4-56B-055T	1 150 m³/h	1 500 Pa	1 400 rpm	3~400 V	1,7 A	0,55 kW	63 dB(A)	-30 / 80 °C	-30 / 60 °C	75,0 kg	436025644
HB-4-56B-075T	1 600 m³/h	1 500 Pa	1 430 rpm	3~400 V	2,1 A	0,75 kW	61 dB(A)	-30 / 80 °C	-30 / 60 °C	79,0 kg	436025645
HB-4-56B-110T	2 170 m³/h	1 500 Pa	1 430 rpm	3~400 V	2,5 A	1,1 kW	58 dB(A)	-30 / 80 °C	-30 / 60 °C	86,0 kg	436025646
HB-4-63A-075T	1 200 m³/h	1 800 Pa	1 430 rpm	3~400 V	2,1 A	0,75 kW	64 dB(A)	-30 / 80 °C	-30 / 40 °C	100,0 kg	436026340
HB-4-63A-110T	1 930 m³/h	1 800 Pa	1 430 rpm	3~400 V	2,5 A	1,1 kW	65 dB(A)	-30 / 80 °C	-30 / 40 °C	107,0 kg	436026341
HB-4-63A-150T	2 590 m³/h	1 800 Pa	1 440 rpm	3~400 V	3,6 A	1,5 kW	62 dB(A)	-30 / 80 °C	-30 / 40 °C	117,0 kg	436026342
HB-4-63B-075T	1 100 m³/h	1 900 Pa	1 430 rpm	3~400 V	2,1 A	0,75 kW	66 dB(A)	-30 / 80 °C	-30 / 60 °C	100,0 kg	436026343
HB-4-63B-110T	1 750 m³/h	1 900 Pa	1 430 rpm	3~400 V	2,5 A	1,1 kW	67 dB(A)	-30 / 80 °C	-30 / 60 °C	107,0 kg	436026344
HB-4-63B-150T	2 675 m³/h	1 900 Pa	1 440 rpm	3~400 V	3,6 A	1,5 kW	65 dB(A)	-30 / 80 °C	-30 / 40 °C	117,0 kg	436026345
HB-4-71A-150T	1 900 m³/h	2 300 Pa	1 440 rpm	3~400 V	3,6 A	1,5 kW	68 dB(A)	-30 / 80 °C	-30 / 40 °C	138,0 kg	436027140
HB-4-71A-220T	3 150 m³/h	2 300 Pa	1 465 rpm	3~400 V	4,6 A	2,2 kW	68 dB(A)	-30 / 80 °C	-30 / 40 °C	138,0 kg	436027141
HB-4-71A-300T	3 700 m³/h	2 300 Pa	1 460 rpm	3~400 V	6,7 A	3,0 kW	66 dB(A)	-30 / 80 °C	-30 / 40 °C	141,0 kg	436027142
HB-4-71B-110T	1 100 m³/h	2 360 Pa	1 430 rpm	3~400 V	2,5 A	1,1 kW	69 dB(A)	-30 / 80 °C	-30 / 60 °C	128,0 kg	436027143
HB-4-71B-150T	1 800 m³/h	2 400 Pa	1 440 rpm	3~400 V	3,6 A	1,5 kW	70 dB(A)	-30 / 80 °C	-30 / 40 °C	138,0 kg	436027144
HB-4-71B-220T	2 950 m³/h	2 400 Pa	1 465 rpm	3~400 V	4,6 A	2,2 kW	71 dB(A)	-30 / 80 °C	-30 / 40 °C	138,0 kg	436027145
HB-4-71B-300T	4 250 m³/h	2 400 Pa	1 460 rpm	3~400 V	6,7 A	3,0 kW	67 dB(A)	-30 / 80 °C	-30 / 40 °C	141,0 kg	436027146
HB-4-80A-220T	1 950 m³/h	2 900 Pa	1 465 rpm	3~400 V	4,6 A	2,2 kW	72 dB(A)	-30 / 80 °C	-30 / 40 °C	162,0 kg	436028040
HB-4-80A-300T	3 200 m³/h	2 900 Pa	1 460 rpm	3~400 V	6,7 A	3,0 kW	73 dB(A)	-30 / 80 °C	-30 / 40 °C	165,0 kg	436028041
HB-4-80A-400T	4 500 m³/h	2 900 Pa	1 460 rpm	3~400 V	8,1 A	4,0 kW	71 dB(A)	-30 / 80 °C	-30 / 40 °C	176,0 kg	436028042
HB-4-80A-550T	5 270 m³/h	2 900 Pa	1 460 rpm	3~400 V	10,9 A	5,5 kW	67 dB(A)	-30 / 80 °C	-30 / 40 °C	197,0 kg	436028043
HB-4-80B-300T	2 700 m³/h	3 060 Pa	1 460 rpm	3~400 V	6,7 A	3,0 kW	73 dB(A)	-30 / 80 °C	-30 / 40 °C	165,0 kg	436028044
HB-4-80B-400T	4 200 m³/h	3 060 Pa	1 460 rpm	3~400 V	8,1 A	4,0 kW	74 dB(A)	-30 / 80 °C	-30 / 40 °C	176,0 kg	436028045
HB-4-80B-550T	6 050 m³/h	3 060 Pa	1 460 rpm	3~400 V	10,9 A	5,5 kW	68 dB(A)	-30 / 80 °C	-30 / 40 °C	197,0 kg	436028046
HB-4-90A-400T	3 000 m³/h	3 680 Pa	1 460 rpm	3~400 V	8,1 A	4,0 kW	76 dB(A)	-30 / 80 °C	-30 / 40 °C	225,0 kg	436029040
HB-4-90A-550T	4 600 m³/h	3 680 Pa	1 460 rpm	3~400 V	10,9 A	5,5 kW	76 dB(A)	-30 / 80 °C	-30 / 40 °C	247,0 kg	436029041
HB-4-90A-750T	6 800 m³/h	3 680 Pa	1 465 rpm	3~400 V	14,4 A	7,5 kW	75 dB(A)	-30 / 80 °C	-30 / 40 °C	251,0 kg	436029042
HB-4-90A-1100T	7 500 m³/h	3 680 Pa	1 475 rpm	3~400 V	20,9 A	11,0 kW	71 dB(A)	-30 / 80 °C	-30 / 40 °C	320,0 kg	436029043
HB-4-90B-400T	2 600 m³/h	3 870 Pa	1 460 rpm	3~400 V	8,1 A	4,0 kW	77 dB(A)	-30 / 80 °C	-30 / 40 °C	225,0 kg	436029044
HB-4-90B-550T	4 400 m³/h	3 870 Pa	1 460 rpm	3~400 V	10,9 A	5,5 kW	76 dB(A)	-30 / 80 °C	-30 / 40 °C	247,0 kg	436029045
HB-4-90B-750T	6 300 m³/h	3 870 Pa	1 465 rpm	3~400 V	14,4 A	7,5 kW	75 dB(A)	-30 / 80 °C	-30 / 40 °C	251,0 kg	436029046
HB-4-90B-1100T	8 660 m³/h	3 870 Pa	1 475 rpm	3~400 V	20,9 A	11,0 kW	71 dB(A)	-30 / 80 °C	-30 / 40 °C	320,0 kg	436029047
HB-4-100A-750T	4 800 m³/h	4 500 Pa	1 465 rpm	3~400 V	14,4 A	7,5 kW	79 dB(A)	-30 / 80 °C	-30 / 40 °C	279,0 kg	436021040
HB-4-100A-1100T	7 700 m³/h	4 500 Pa	1 475 rpm	3~400 V	20,9 A	11,0 kW	80 dB(A)	-30 / 80 °C	-30 / 40 °C	348,0 kg	436021041
HB-4-100A-1500T	10 300 m³/h	4 500 Pa	1 475 rpm	3~400 V	28,1 A	15,0 kW	76 dB(A)	-30 / 80 °C	-30 / 40 °C	366,0 kg	436021042
HB-4-100B-750T	4 300 m³/h	4 780 Pa	1 465 rpm	3~400 V	14,4 A	7,5 kW	80 dB(A)	-30 / 80 °C	-30 / 40 °C	279,0 kg	436021043
HB-4-100B-1100T	6 900 m³/h	4 780 Pa	1 475 rpm	3~400 V	20,9 A	11,0 kW	81 dB(A)	-30 / 80 °C	-30 / 40 °C	348,0 kg	436021044
HB-4-100B-1500T	10 580 m³/h	4 780 Pa	1 475 rpm	3~400 V	28,1 A	15,0 kW	78 dB(A)	-30 / 80 °C	-30 / 40 °C	366,0 kg	436021045

*Measurement made at a distance of 1.5m from the outlet, for Q = 2/3 * Qmax

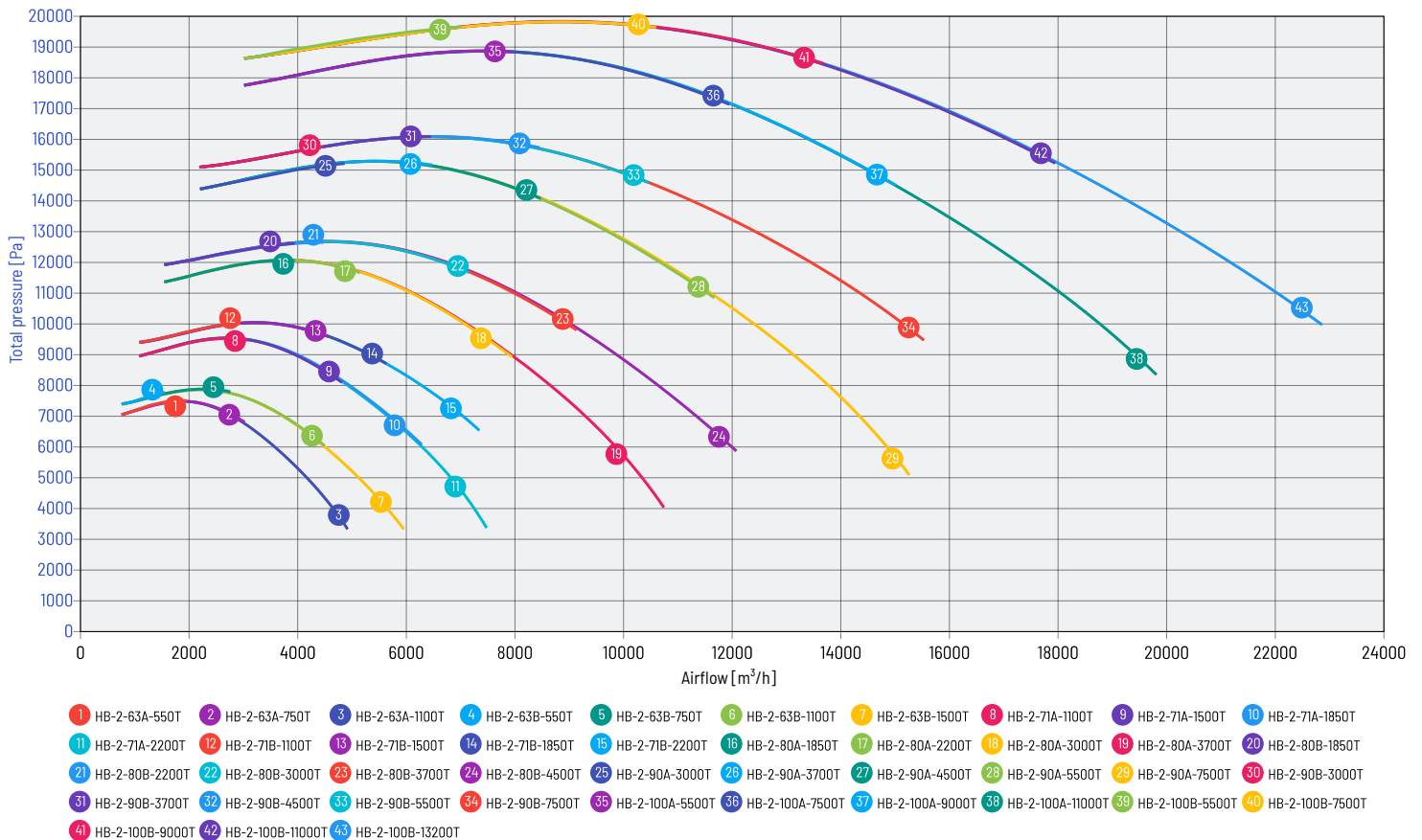
** value of the rated current may vary depending on the manufacturer of the electric motor used.



PERFORMANCE CHARACTERISTICS OF THE FANS - THREE-PHASE 3000RPM 40-56

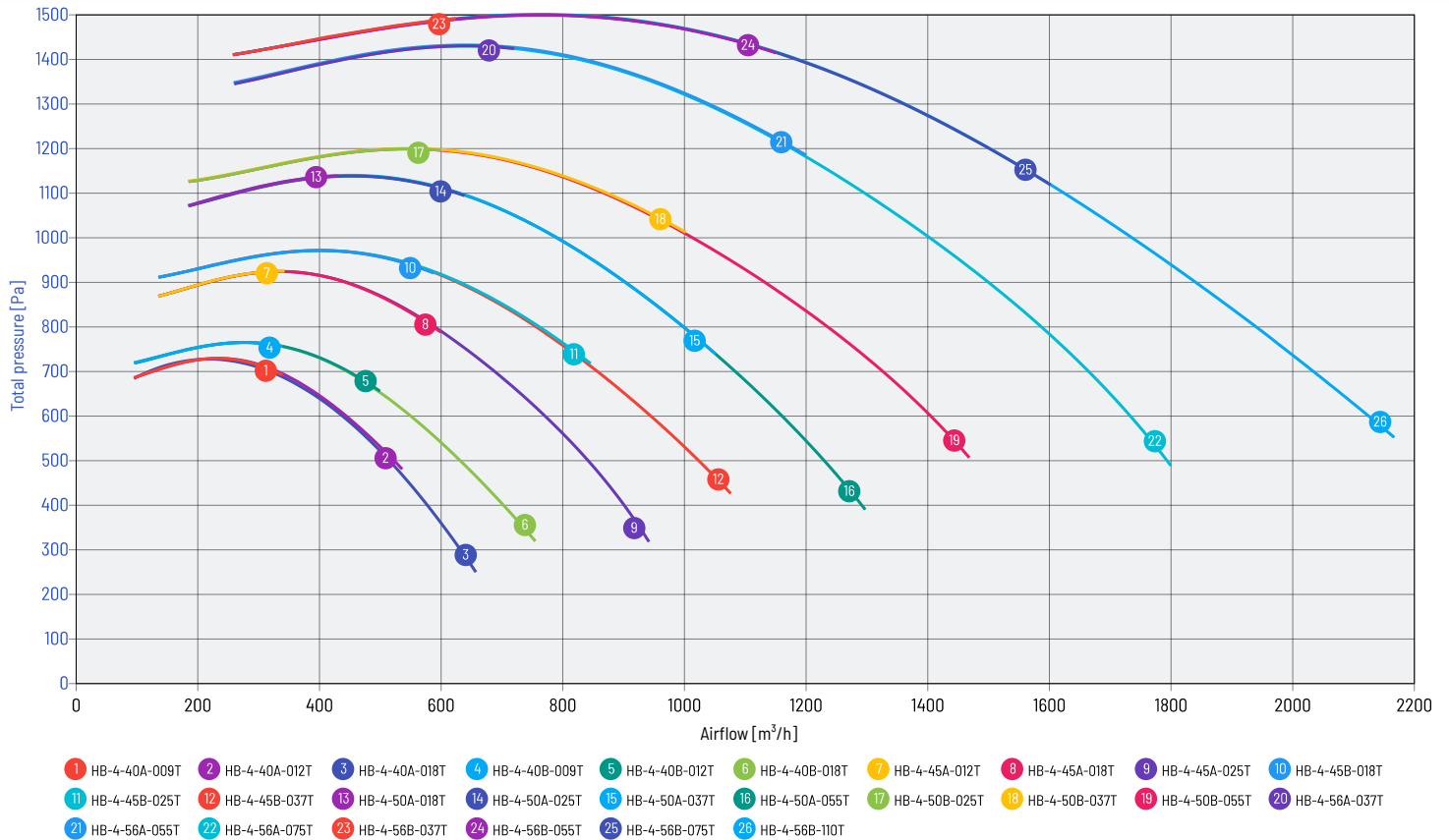


PERFORMANCE CHARACTERISTICS OF THE FANS - THREE-PHASE 3000RPM 63-100

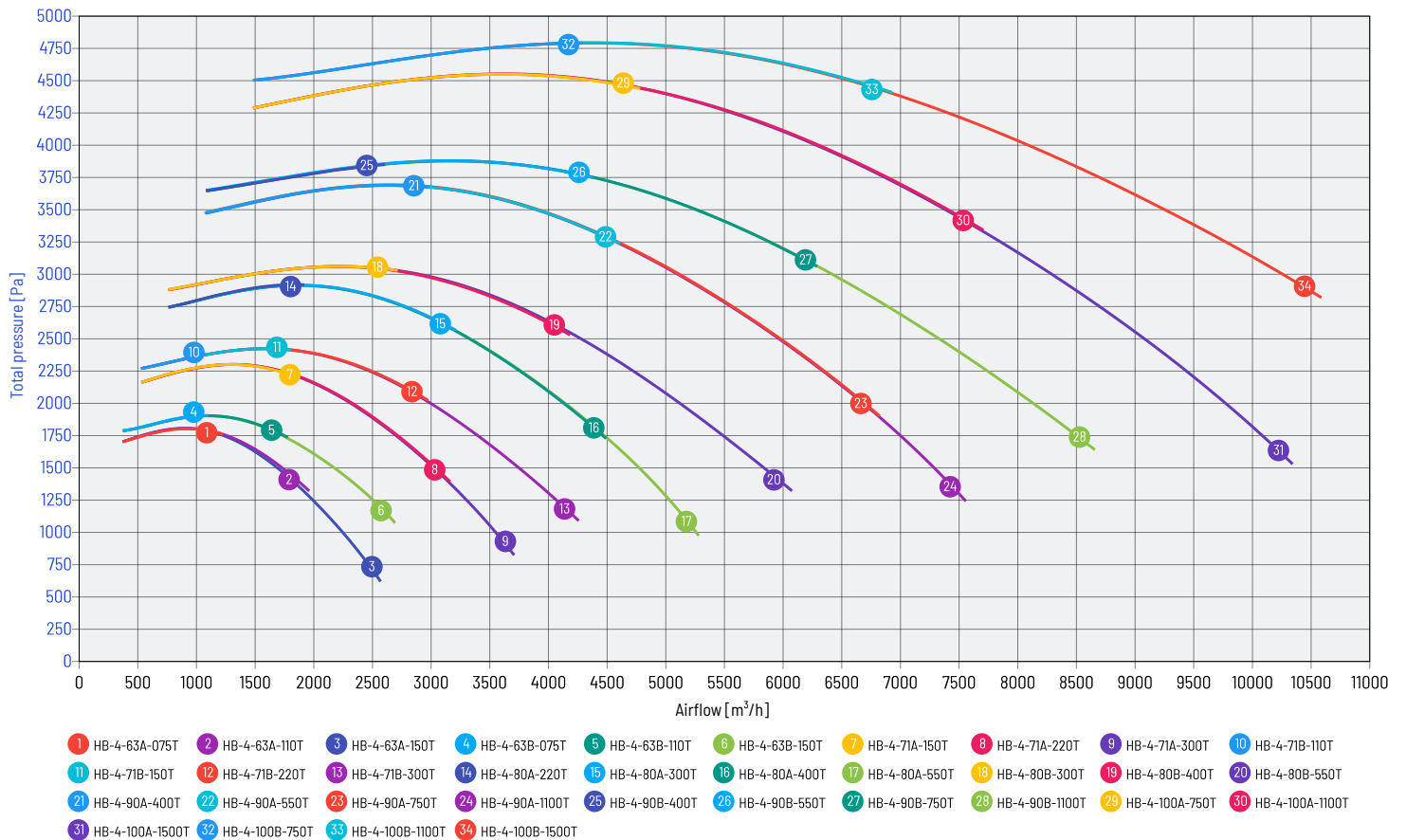




PERFORMANCE CHARACTERISTICS OF THE FANS - THREE-PHASE 1500RPM 40-56

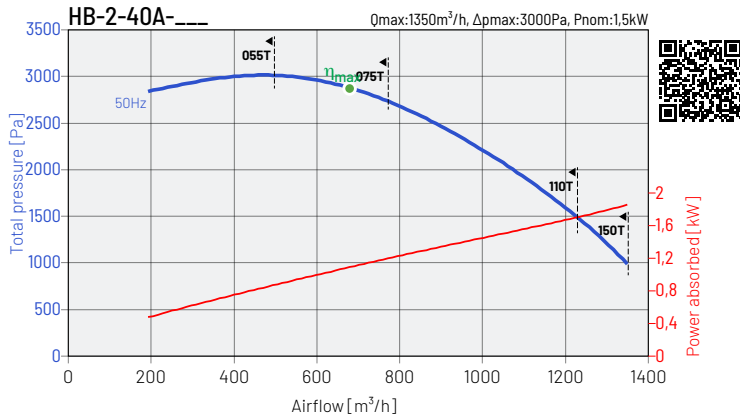


PERFORMANCE CHARACTERISTICS OF THE FANS - THREE-PHASE 1500RPM 63-100

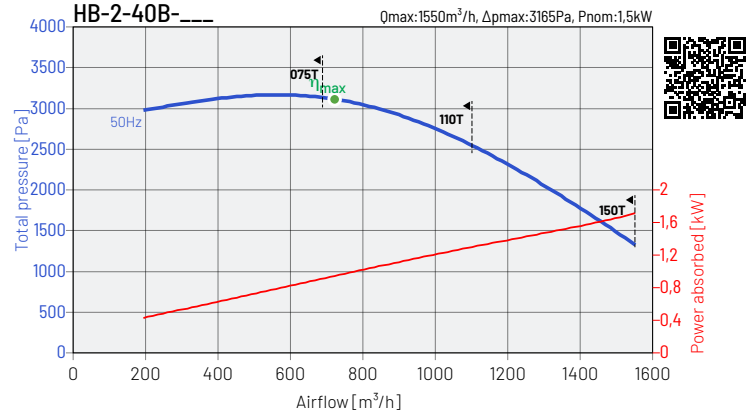




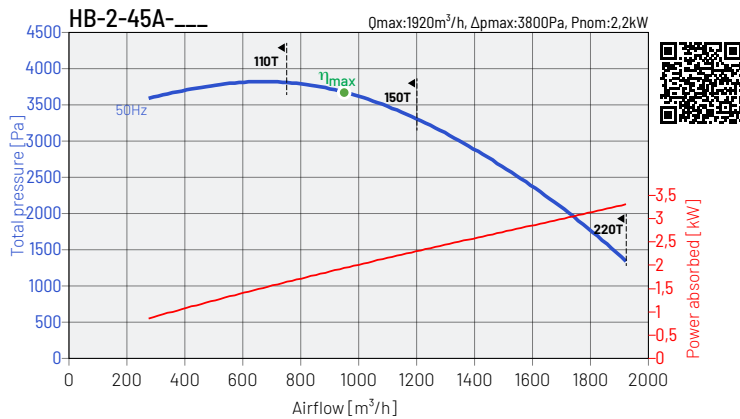
PERFORMANCE CHARACTERISTICS OF THE FANS



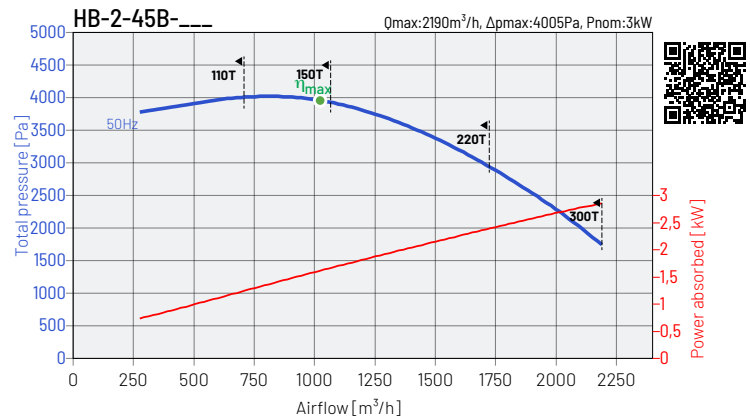
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055T	C	static	1	no	52,7	64,6	0,74	488	2 880	2 790
075T	C	static	1	no	57,3	68,5	0,86	670	2 647	2 890
110T	C	static	1	no	58,0	69,3	0,85	670	2 647	2 890
150T	C	static	1	no	58,9	70,2	0,84	670	2 647	2 880



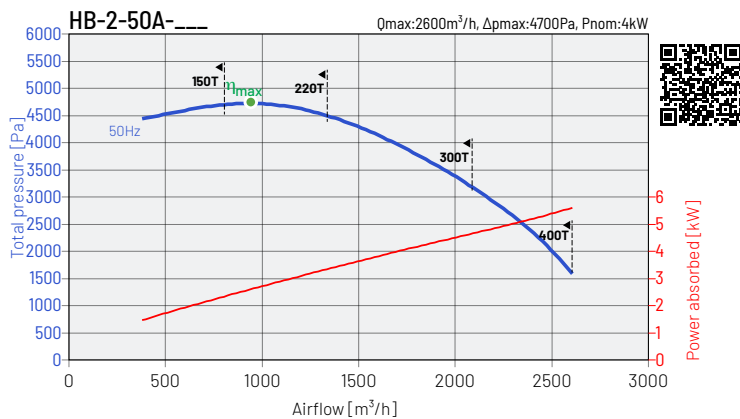
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075T	C	static	1	no	62,4	73,1	0,95	707	3 031	2 890
110T	C	static	1	no	63,1	73,9	0,94	707	3 031	2 890
150T	C	static	1	no	64,1	74,9	0,93	707	3 031	2 880



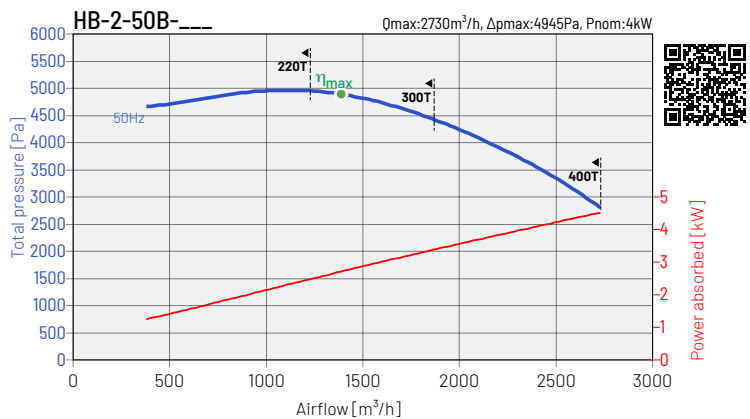
	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
110T	C	static	1	no	57,7	66,9	1,33	763	3 607	2 890
150T	C	static	1	no	58,8	67,4	1,51	954	3 347	2 925
220T	C	static	1	no	60,0	68,7	1,48	954	3 347	2 910



	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
110T	C	static	1	no	59,3	68,4	1,33	715	3 947	2 890
150T	C	static	1	no	64,1	72,3	1,68	1006	3 844	2 925
220T	C	static	1	no	65,4	73,7	1,64	1006	3 844	2 910
300T	C	static	1	no	66,3	74,7	1,62	1006	3 844	2 880



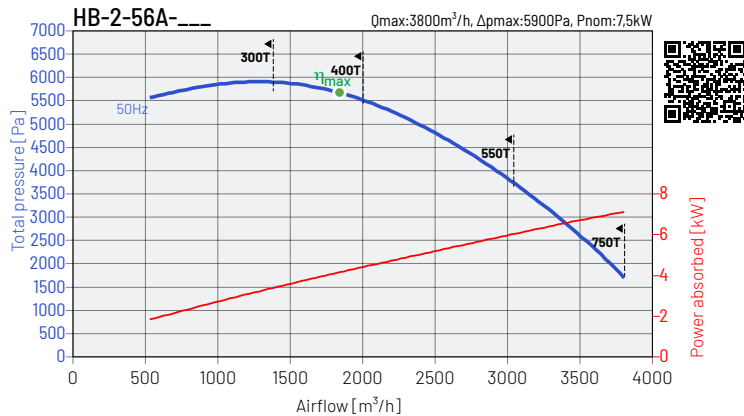
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150T	C	static	1	no	58,6	66,5	1,78	801	4 691	2 925
220T	C	static	1	no	60,4	67,8	1,97	954	4 498	2 910
300T	C	static	1	no	61,1	68,6	1,95	954	4 498	2 915
400T	C	static	1	no	61,9	69,4	1,93	954	4 498	2 895



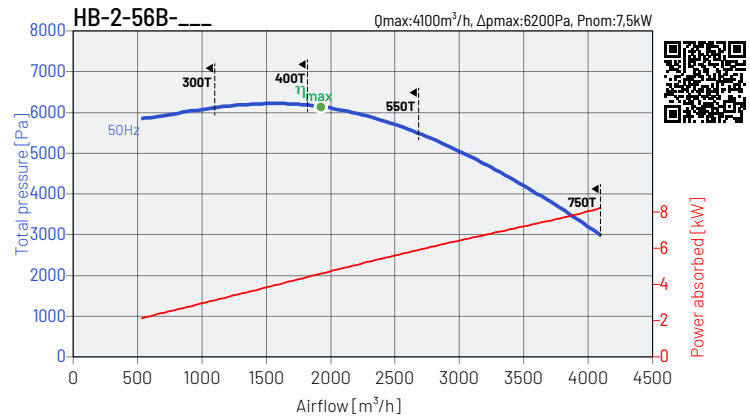
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220T	C	static	1	no	61,0	67,9	2,18	981	4 876	2 910
300T	C	static	1	no	66,4	72,3	2,74	1380	4 752	2 915
400T	C	static	1	no	67,5	73,5	2,70	1380	4 752	2 895



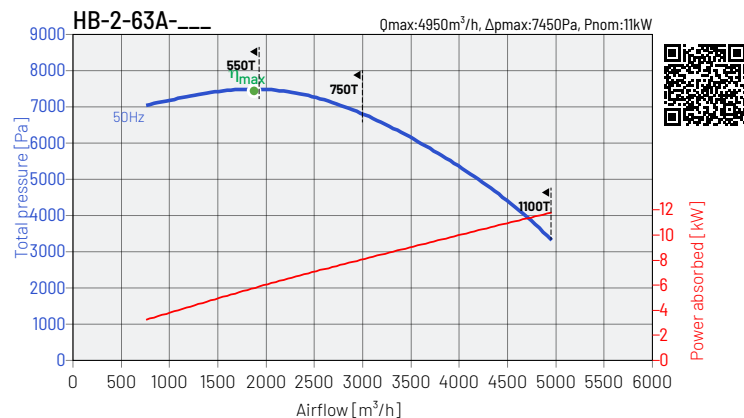
PERFORMANCE CHARACTERISTICS OF THE FANS



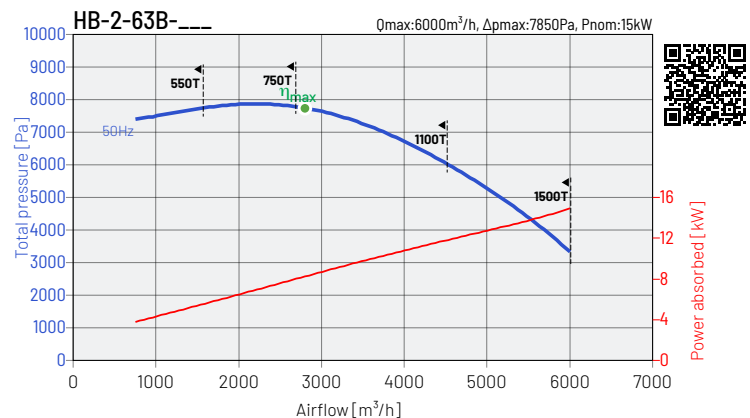
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300T	C	static	1	no	61,7	66,6	3,43	1340	5 697	2 915
400T	C	static	1	no	62,7	67,4	4,30	1838	5 288	2 895
550T	C	static	1	no	63,5	68,2	4,25	1838	5 288	2 940
750T	C	static	1	no	64,2	68,9	4,21	1838	5 288	2 930



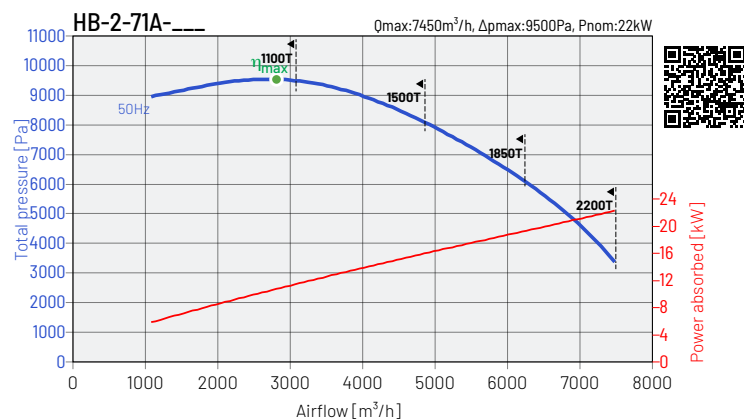
	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
300T	C	static	1	no	64,2	67,9	4,48	1719	6 023	2 895
400T	C	static	1	no	64,2	67,9	4,48	1719	6 023	2 895
550T	C	static	1	no	68,0	71,4	4,72	1939	5 956	2 940
750T	C	static	1	no	69,4	72,9	4,63	1939	5 956	2 930



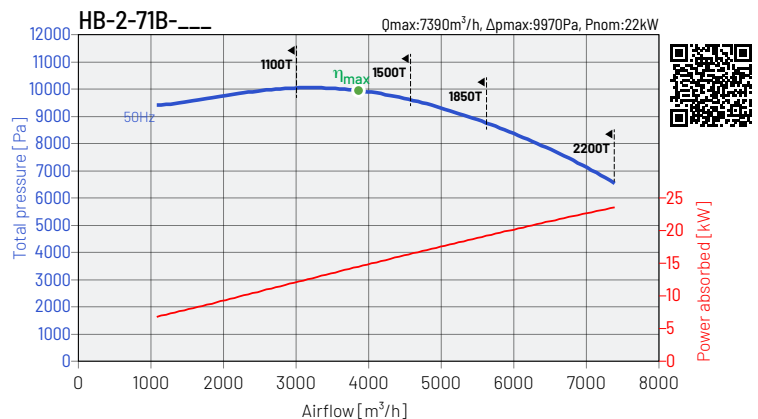
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550T	C	static	1	no	62,6	64,9	6,04	1907	7 140	2 940
750T	C	static	1	no	63,2	65,6	5,98	1907	7 140	2 930
1100T	C	static	1	no	64,0	66,4	5,91	1907	7 140	2 925



	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
550T	C	static	1	no	63,8	66,0	6,17	1843	7 686	2 940
750T	C	static	1	no	68,9	69,7	8,32	2 722	7 586	2 930
1100T	C	static	1	no	69,5	70,4	8,32	2 761	7 538	2 925
1500T	C	static	1	no	70,9	71,8	8,16	2 761	7 538	2 940



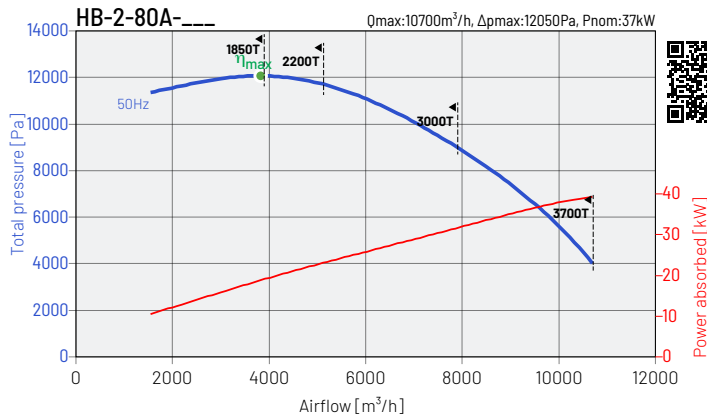
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1100T	C	static	1	no	64,5	64,5	10,66	2 730	9 072	2 940
1500T	C	static	1	no	64,5	64,5	10,66	2 730	9 072	2 940
1850T	C	static	1	no	64,9	64,9	10,60	2 730	9 072	2 940
2200T	C	static	1	no	65,1	65,1	10,57	2 730	9 072	2 950



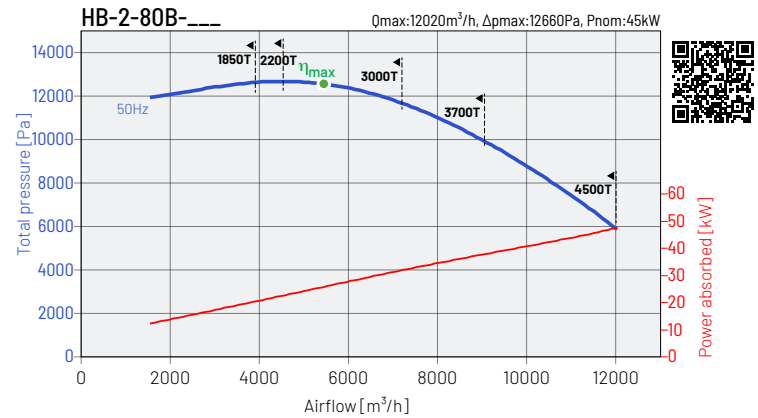
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1100T	C	static	1	no	64,2	64,0	12,06	2 910	9 573	2 925
1500T	C	static	1	no	69,9	69,5	15,00	3 952	9 557	2 940
1850T	C	static	1	no	70,3	69,9	14,92	3 952	9 557	2 940
2200T	C	static	1	no	71,2	70,9	14,73	3 952	9 557	2 950



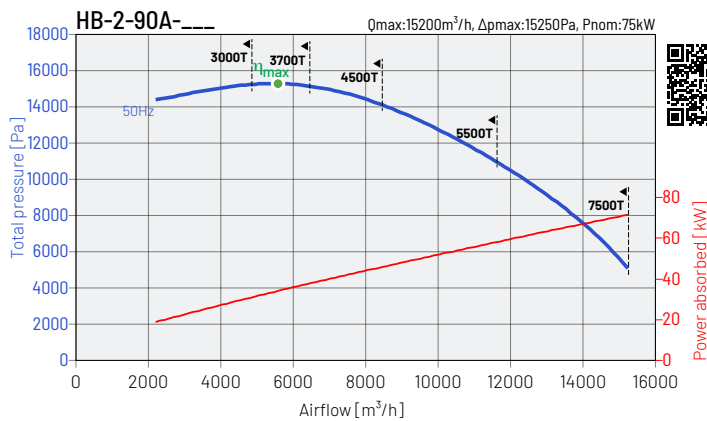
PERFORMANCE CHARACTERISTICS OF THE FANS



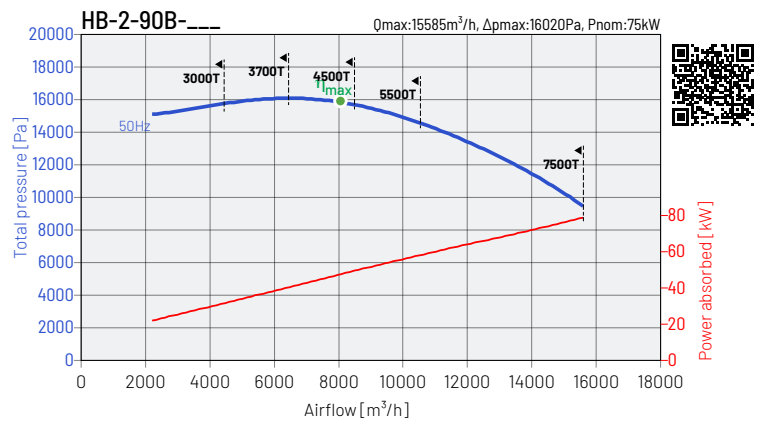
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1850T	C	static	1	no	64,8	64,2	19,26	3 906	11 511	2 940
2200T	C	static	1	no	65,1	64,4	19,20	3 906	11 511	2 950
3000T	C	static	1	no	65,6	65,0	19,03	3 906	11 511	2 965
3700T	C	static	1	no	65,8	65,1	18,99	3 906	11 511	2 955



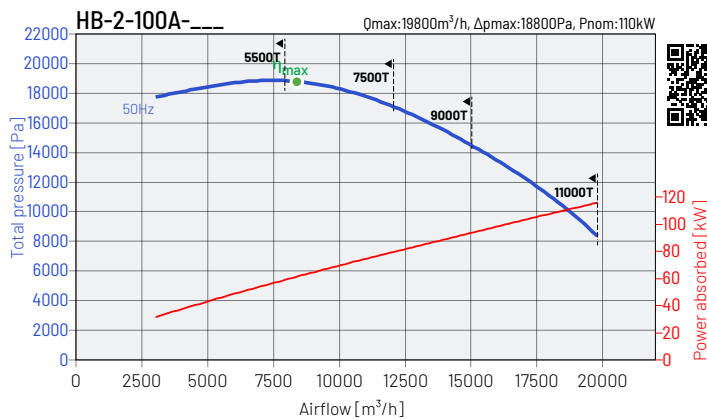
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1850T	C	static	1	no	71,1	70,1	26,78	5 653	12 125	2 965
2200T	C	static	1	no	71,1	70,1	26,78	5 653	12 125	2 965
3000T	C	static	1	no	71,1	70,1	26,78	5 653	12 125	2 965
3700T	C	static	1	no	71,2	70,2	26,73	5 653	12 125	2 955
4500T	C	static	1	no	71,7	70,7	26,56	5 653	12 125	2 960



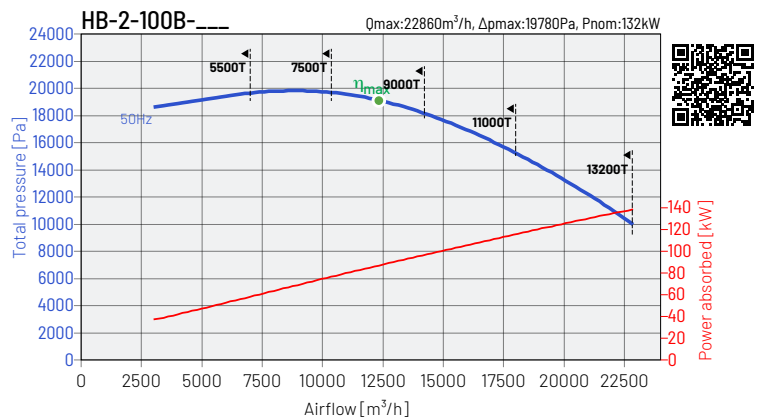
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3000T	C	static	1	no	65,8	64,5	34,22	5 561	14 576	2 955
3700T	C	static	1	no	65,8	64,5	34,22	5 561	14 576	2 955
4500T	C	static	1	no	66,1	64,9	34,04	5 561	14 576	2 960
5500T	C	static	1	no	66,4	65,1	33,93	5 561	14 576	2 970
7500T	C	static	1	no	66,5	65,2	33,86	5 561	14 576	2 960



	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
3000T	C	static	1	no	71,8	70,4	39,49	6 413	15 921	2 955
3700T	C	static	1	no	71,8	70,4	39,49	6 413	15 921	2 955
4500T	C	static	1	no	71,8	70,2	47,91	8 049	15 839	2 960
5500T	C	static	1	no	72,0	70,4	47,76	8 049	15 839	2 970
7500T	C	static	1	no	72,4	70,8	47,50	8 049	15 839	2 960



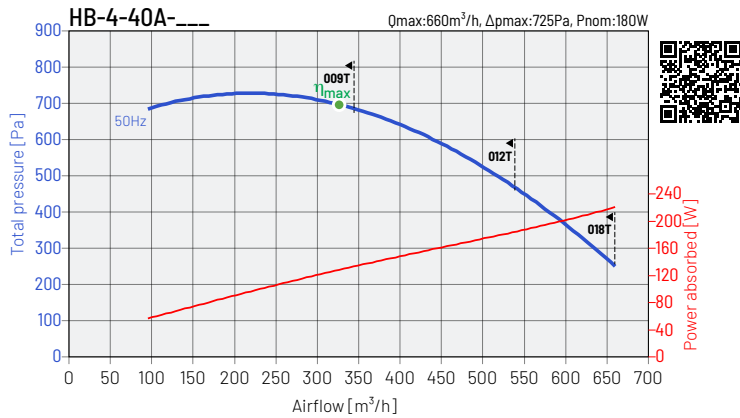
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5500T	C	static	1	no	66,3	64,5	57,47	7 628	17 993	2 970
7500T	C	static	1	nie	66,5	64,6	57,35	7 628	17 993	2 960
9000T	C	static	1	nie	66,7	64,8	57,16	7 628	17 993	2 980
11000T	C	static	1	nie	66,8	65,0	57,04	7 628	17 993	2 980



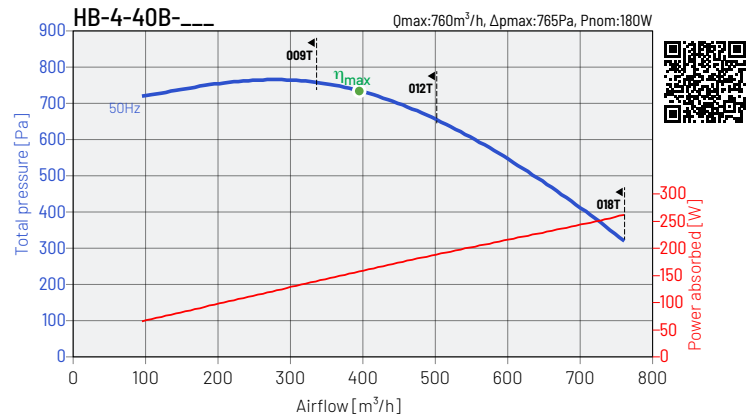
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5500T	C	static	1	no	66,9	65,1	58,08	7 069	19 798	2 970
7500T	C	static	1	no	74,0	71,8	79,20	10 657	19 786	2 960
9000T	C	static	1	no	74,5	72,3	80,45	11 041	19 555	2 980
11000T	C	static	1	no	74,7	72,5	80,28	11 041	19 555	2 980
13200T	C	static	1	no	74,9	72,6	80,11	11 041	19 555	2 975



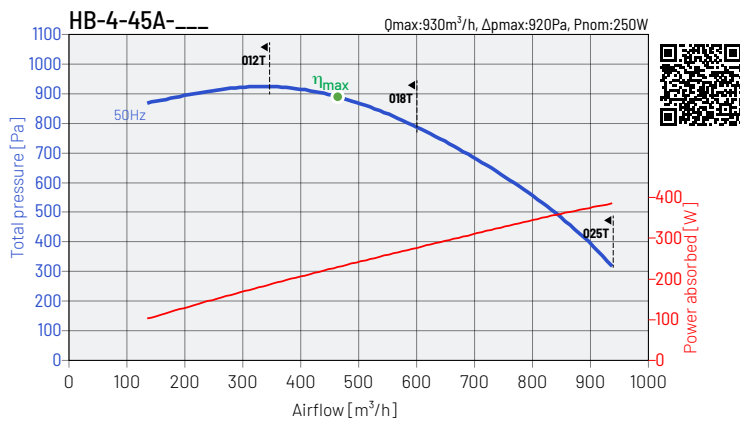
PERFORMANCE CHARACTERISTICS OF THE FANS



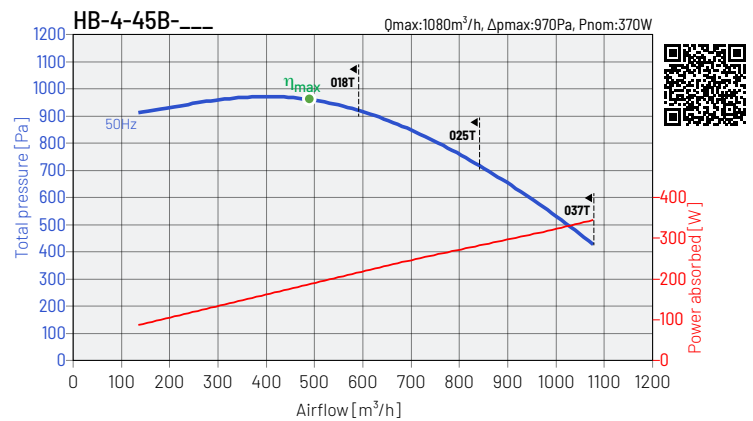
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012T	C	static	1	no	45,3	65,2	0,13	329	640	1380
018T	C	static	1	no	45,3	65,2	0,13	329	640	1380



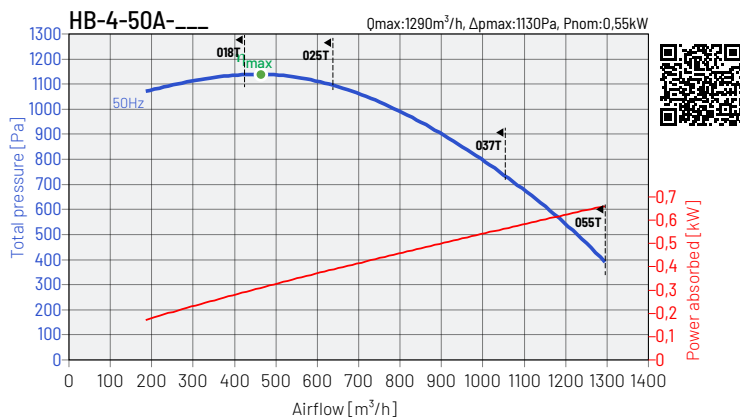
	MC	EC	SR	VSD	η %	N	kW	m^3/h	Pa	rpm
009T	C	static	1	no	48,0	67,2	0,15	340	763	1380
012T	C	static	1	no	47,0	66,0	0,16	347	732	1380
018T	C	static	1	no	51,0	70,3	0,14	347	732	1380



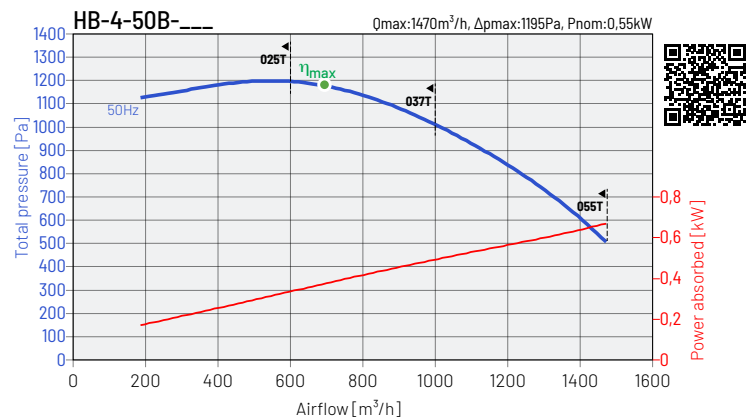
	MC	EC	SR	VSD	η %	N	kW	m^3/h	Pa	rpm
012T	C	static	1	no	46,0	63,2	0,23	469	809	1380
018T	C	static	1	no	46,0	63,2	0,23	469	809	1380
025T	C	static	1	no	46,0	63,2	0,23	469	809	1380



	MC	EC	SR	VSD	η %	N	kW	m^3/h	Pa	rpm
018T	C	static	1	no	51,0	67,2	0,26	495	957	1380
025T	C	static	1	no	51,8	68,6	0,25	495	957	1380
037T	C	static	1	no	55,1	72,1	0,24	495	957	1370



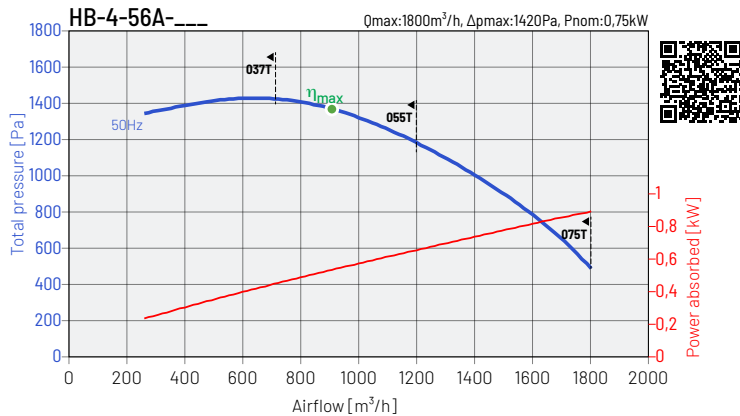
	MC	EC	SR	VSD	η %	N	kW	m^3/h	Pa	rpm
018T	C	static	1	no	49,1	65,3	0,29	469	1087	1370
025T	C	static	1	no	49,1	65,3	0,29	469	1087	1370
037T	C	static	1	no	49,1	65,3	0,29	469	1087	1370
055T	C	static	1	no	54,1	70,7	0,26	469	1087	1400



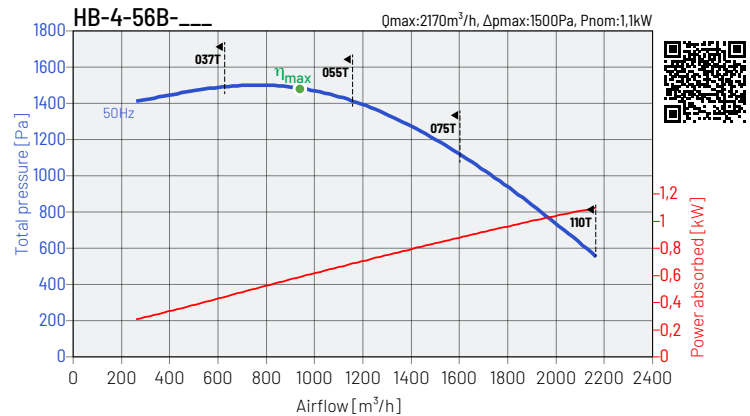
	MC	EC	SR	VSD	η %	N	kW	m^3/h	Pa	rpm
025T	C	static	1	no	53,1	68,0	0,38	603	1201	1380
037T	C	static	1	no	54,9	69,5	0,41	678	1181	1370
055T	C	static	1	no	60,4	75,5	0,37	678	1181	1400



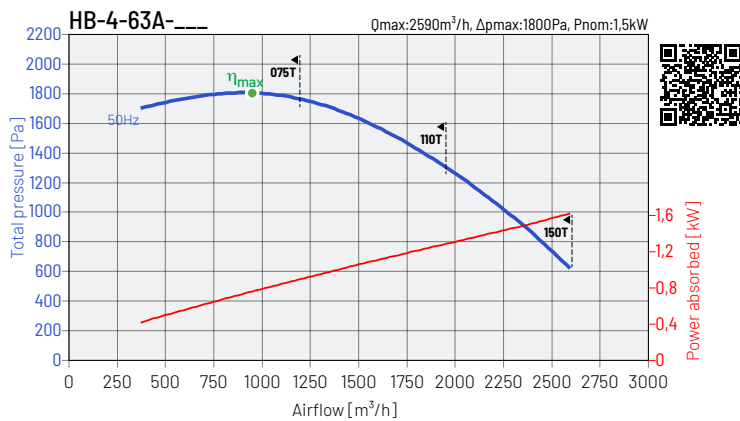
PERFORMANCE CHARACTERISTICS OF THE FANS



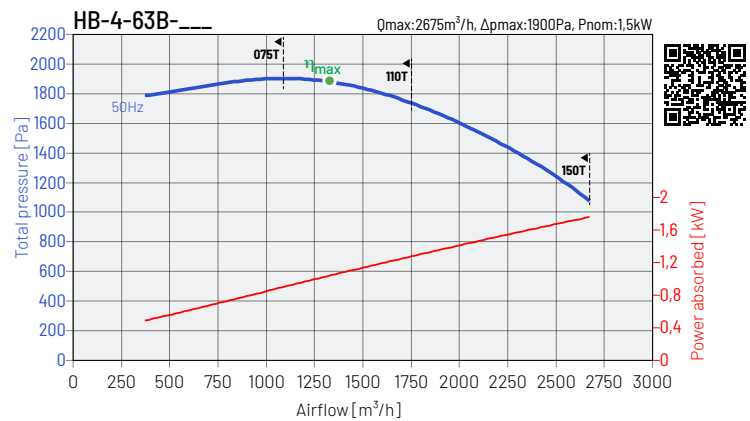
	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
037T	C	static	1	no	54,9	67,9	0,58	904	1277	1400
055T	C	static	1	no	54,9	67,9	0,58	904	1277	1400
075T	C	static	1	no	58,7	72,0	0,55	904	1277	1430



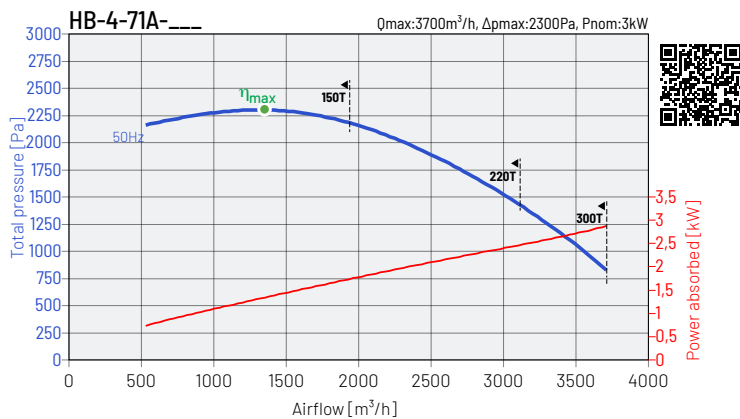
	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
037T	C	static	1	no	59,0	73,3	0,44	622	1503	1370
055T	C	static	1	no	60,5	73,0	0,65	953	1482	1400
075T	C	static	1	no	64,7	77,5	0,61	953	1482	1430
110T	C	static	1	no	66,0	78,9	0,59	953	1482	1430



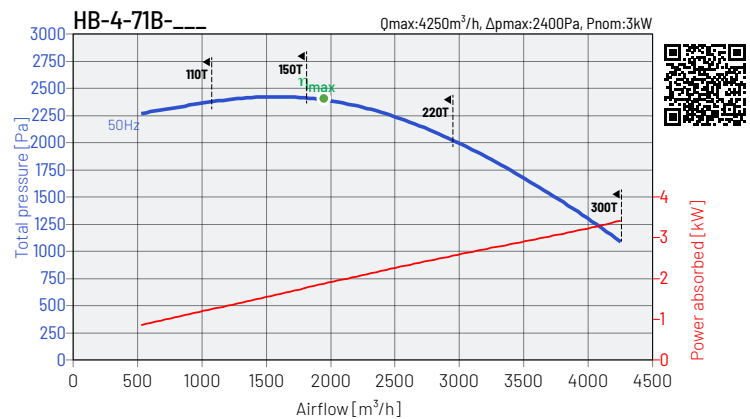
	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
075T	C	static	1	no	57,9	69,6	0,78	938	1725	1430
110T	C	static	1	no	59,0	70,8	0,76	938	1725	1430
150T	C	static	1	no	59,9	71,7	0,75	938	1725	1440



	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
075T	C	static	1	no	63,4	74,4	0,91	1103	1882	1430
110T	C	static	1	no	66,0	76,2	1,07	1357	1875	1430
150T	C	static	1	no	66,9	77,2	1,06	1357	1875	1440



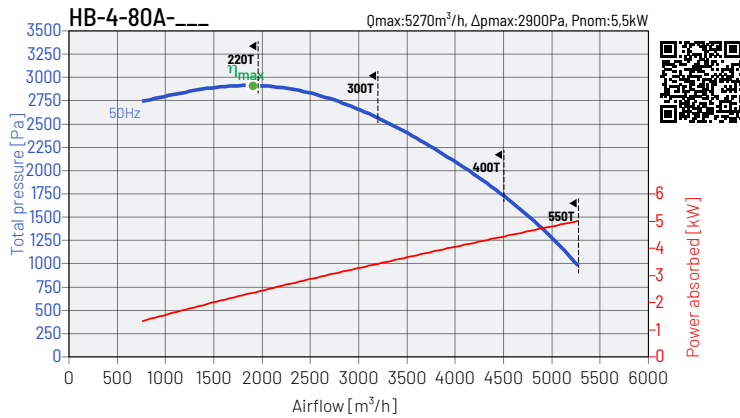
	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
150T	C	static	1	no	59,9	69,0	1,36	1342	2192	1440
220T	C	static	1	no	60,9	70,0	1,34	1342	2192	1465
300T	C	static	1	no	61,6	70,8	1,33	1342	2192	1460



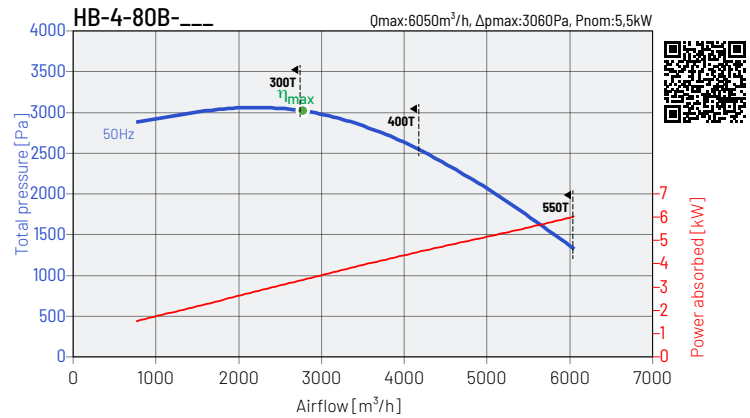
	MC	EC	SR	VSD	η %	N	kW	m³/h	Pa	rpm
110T	C	static	1	no	67,7	75,6	1,76	1794	2389	1440
150T	C	static	1	no	67,7	75,6	1,76	1794	2389	1440
220T	C	static	1	no	68,0	75,6	1,89	1942	2382	1465
300T	C	static	1	no	68,8	76,5	1,87	1942	2382	1460



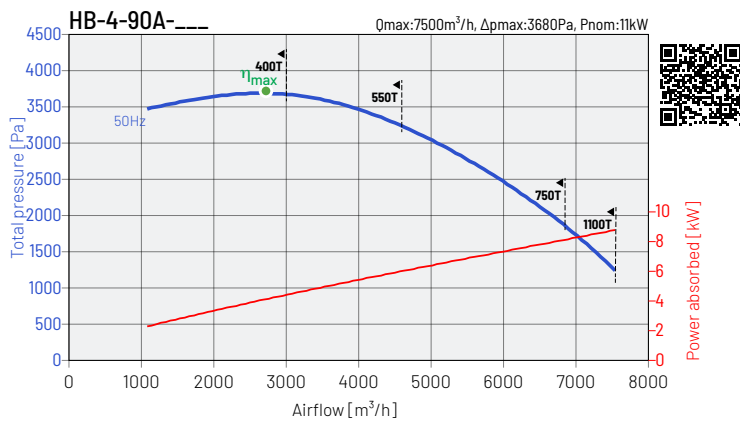
PERFORMANCE CHARACTERISTICS OF THE FANS



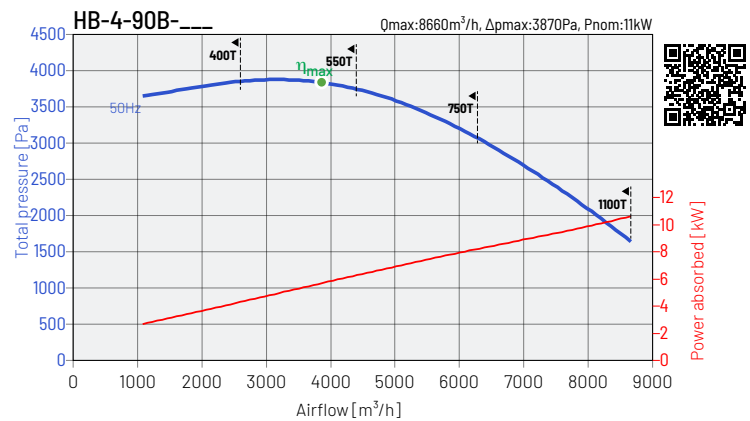
	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
220T	C	static	1	no	60,8	67,3	2,44	1920	2781	1465
300T	C	static	1	no	61,5	68,0	2,41	1920	2781	1460
400T	C	static	1	no	62,2	68,7	2,39	1920	2781	1460
550T	C	static	1	no	62,9	69,5	2,36	1920	2781	1460



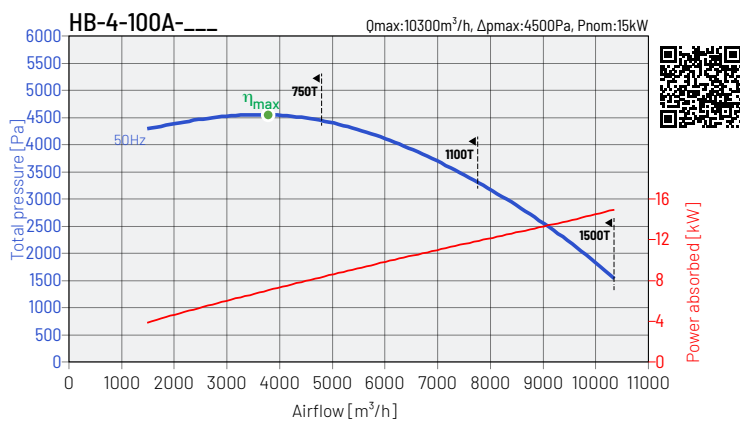
	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
300T	C	static	1	no	68,8	73,8	3,39	2779	3024	1460
400T	C	static	1	no	69,5	74,5	3,36	2779	3024	1460
550T	C	static	1	no	70,3	75,4	3,32	2779	3024	1460



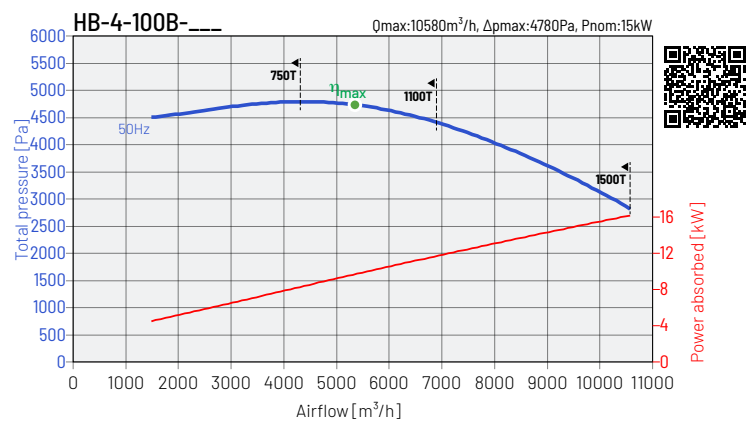
	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
400T	C	static	1	no	62,2	66,1	4,30	2733	3522	1460
550T	C	static	1	no	62,9	66,8	4,25	2733	3522	1460
750T	C	static	1	no	63,5	67,4	4,21	2733	3522	1465
1100T	C	static	1	no	64,2	68,2	4,17	2733	3522	1475



	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
400T	C	static	1	no	60,9	64,6	4,52	2591	3823	1460
550T	C	static	1	no	68,1	70,5	5,98	3956	3707	1460
750T	C	static	1	no	68,7	71,1	5,93	3956	3707	1465
1100T	C	static	1	no	70,3	72,8	5,79	3956	3707	1475



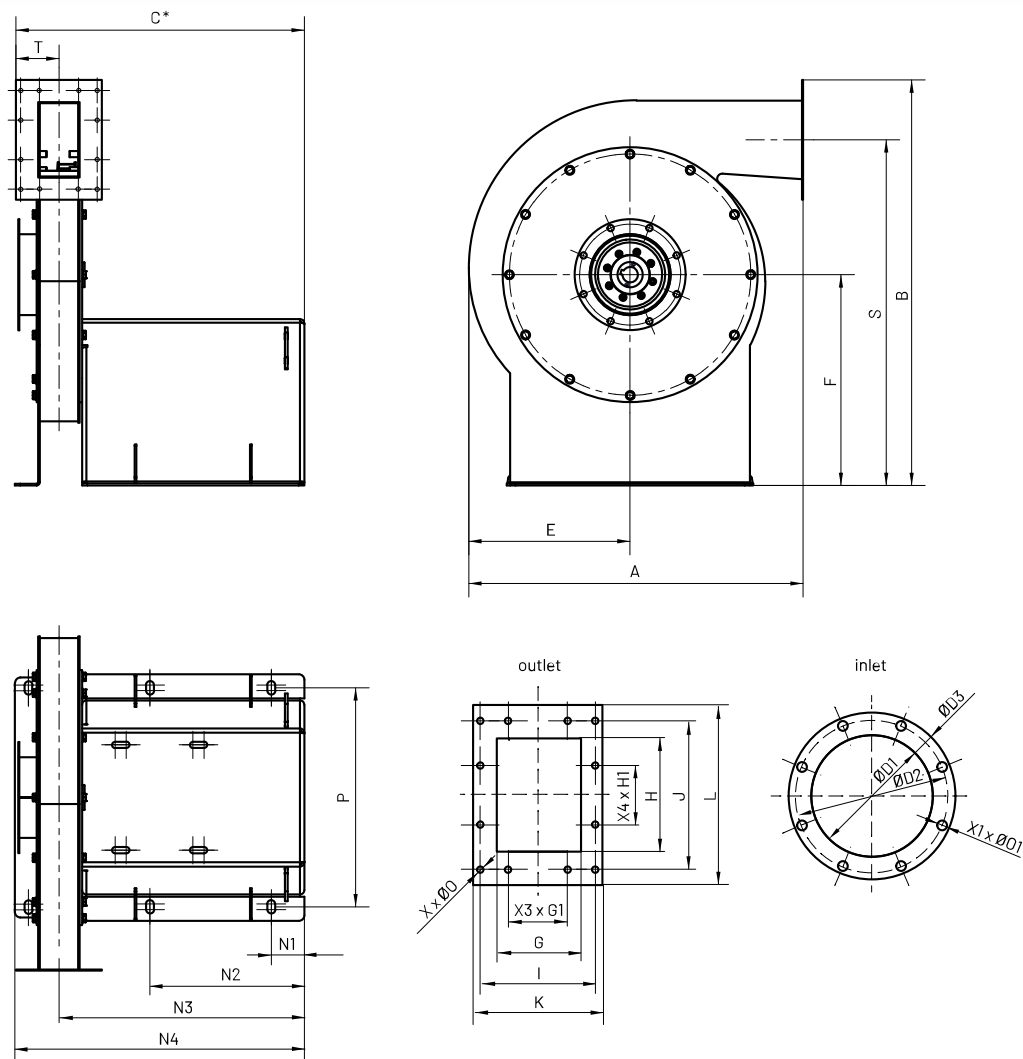
	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
750T	C	static	1	no	63,5	65,0	7,13	3749	4347	1465
1100T	C	static	1	no	64,2	65,8	7,06	3749	4347	1475
1500T	C	static	1	no	64,7	66,3	7,00	3749	4347	1475



	MC	EC	SR	VSD	η %	N	kW	m ³ /h	Pa	rpm
750T	C	static	1	no	68,7	69,6	8,21	4496	4517	1465
1100T	C	static	1	no	69,6	69,6	9,93	5427	4585	1475
1500T	C	static	1	no	70,7	70,8	9,78	5427	4585	1475



DIMENSIONS



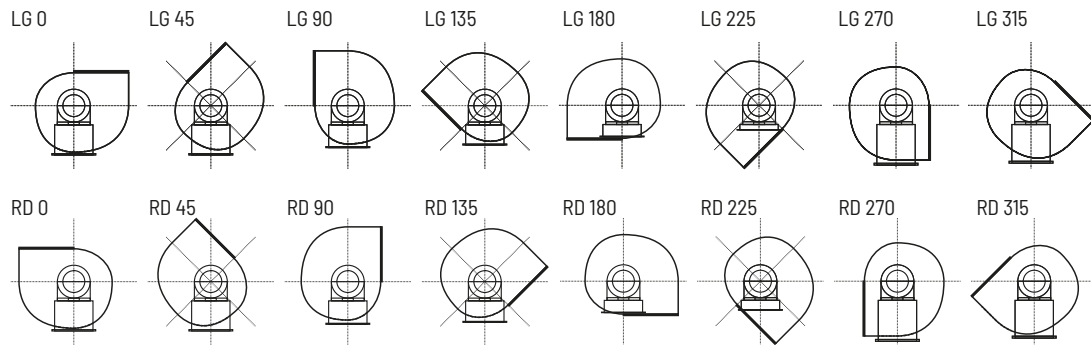
type	A mm	B mm	C* mm	ØD1 mm	ØD2 mm	ØD3 mm	E mm	F mm	G mm	H mm	I mm	J mm
HB-x-40x	603	731	520	140	182	200	291	380	69	132	138	178
HB-x-45x	678	770	528	160	200	220	326	380	77	148	138	178
HB-x-50x	754	814	532	180	219	240	362	390	85	165	138	198
HB-x-56x	837	840	544	200	241	260	405	380	108	185	138	218
HB-x-63x	937	964	544	225	265	290	455	450	108	208	138	238
HB-x-71x	1114	1076	551	250	292	310	512	500	118	235	138	262
HB-x-80x	1209	1261	700	280	332	360	577	600	137	264	178	318
HB-x-90x	1340	1478	838	315	366	390	648	750	155	297	198	318
HB-x-100x	1483	1518	867	355	405	430	720	750	172	330	218	393

* dimension for the longest motor version (depending on the motor manufacturer)

type	K mm	L mm	N1 mm	N2 mm	N3 mm	N4 mm	P mm	S mm	T mm	X1 x Ø01 mm	X3 x G1 mm	X4 x H1 mm	X x Ø0 mm
HB-x-40x	155	216	61	280	443	522	395	623	77,5	8x11,5	1x71	1x71	12x7
HB-x-45x	163	232	61	341	447	530	395	654	81,5	8x11,5	1x71	1x71	12x7
HB-x-50x	164	239	61	341	451	539	395	694	82	8x11,5	1x71	1x100	12x7
HB-x-56x	164	239	60	340	462	561	395	720	82	8x11,5	1x71	1x100	12x7
HB-x-63x	164	262	60	340	462	561	395	833	82	8x11,5	1x71	1x100	12x7
HB-x-71x	164	289	59	339	469	575	420	932	82	8x11,5	1x71	1x100	12x7
HB-x-80x	223	348	79	399	589	702	600	1087	111,5	8x11,5	1x71	1x125	12x10
HB-x-90x	221	361	106	526	681	834	740	1297	110,5	8x11,5	1x100	1x125	12x10
HB-x-100x	258	414	86	506	689	864	740	1309	129	8x11,5	1x100	2x125	14x10

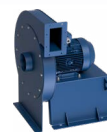


FIGURES





ELECTRICAL ACCESSORIES



type	inverter L	service switch
HB-2-40A-055T	L 0,75 kW	R-S 3-F + SP, 10A
HB-2-40A-075T	L 0,75 kW	R-S 3-F + SP, 10A
HB-2-40A-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-40A-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-40B-075T	L 0,75 kW	R-S 3-F + SP, 10A
HB-2-40B-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-40B-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-45A-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-45A-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-45A-220T	L 2,2 kW	R-S 3-F + SP, 10A
HB-2-45B-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-45B-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-45B-220T	L 2,2 kW	R-S 3-F + SP, 10A
HB-2-45B-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-50A-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-2-50A-220T	L 2,2 kW	R-S 3-F + SP, 10A
HB-2-50A-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-50A-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-50B-220T	L 2,2 kW	R-S 3-F + SP, 10A
HB-2-50B-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-50B-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-56A-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-56A-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-56A-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-2-56A-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-2-56B-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-56B-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-2-56B-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-2-56B-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-2-63A-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-2-63A-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-2-63A-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-2-63B-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-2-63B-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-2-63B-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-2-63B-1500T	L 15,0 kW	R-S 3-F + SP, 40A
HB-2-71A-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-2-71A-1500T	L 15,0 kW	R-S 3-F + SP, 40A
HB-2-71A-1850T	L 18,5 kW	R-S 3-F + SP, 40A
HB-2-71A-2200T	L 22,0 kW	R-S 3-F + SP, 40A
HB-2-71B-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-2-71B-1500T	L 15,0 kW	R-S 3-F + SP, 40A
HB-2-71B-1850T	L 18,5 kW	R-S 3-F + SP, 40A
HB-2-71B-2200T	L 22,0 kW	R-S 3-F + SP, 40A

type	inverter L	service switch
HB-2-80A-1850T	L 18,5 kW	R-S 3-F + SP, 40A
HB-2-80A-2200T	L 22,0 kW	R-S 3-F + SP, 40A
HB-2-80A-3000T	L 30,0 kW	R-S 3-F + SP, 63A
HB-2-80A-3700T	on request	on request
HB-2-80B-1850T	L 18,5 kW	R-S 3-F + SP, 40A
HB-2-80B-2200T	L 22,0 kW	R-S 3-F + SP, 40A
HB-2-80B-3000T	L 30,0 kW	R-S 3-F + SP, 63A
HB-2-80B-3700T	on request	on request
HB-2-80B-4500T	on request	on request
HB-2-90A-3000T	L 30,0 kW	R-S 3-F + SP, 63A
HB-2-90A-3700T	on request	on request
HB-2-90A-4500T	on request	on request
HB-2-90A-5500T	on request	on request
HB-2-90A-7500T	on request	on request
HB-2-90B-3000T	L 30,0 kW	R-S 3-F + SP, 63A
HB-2-90B-3700T	on request	on request
HB-2-90B-4500T	on request	on request
HB-2-90B-5500T	on request	on request
HB-2-90B-7500T	on request	on request
HB-2-100A-5500T	on request	on request
HB-2-100A-7500T	on request	on request
HB-2-100A-9000T	on request	on request
HB-2-100A-11000T	on request	on request
HB-2-100B-5500T	on request	on request
HB-2-100B-7500T	on request	on request
HB-2-100B-9000T	on request	on request
HB-2-100B-11000T	on request	on request
HB-2-100B-13200T	on request	on request
HB-4-40A-009T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-40A-012T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-40A-018T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-40B-009T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-40B-012T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-40B-018T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-45A-012T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-45A-018T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-45A-025T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-45B-018T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-45B-025T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-45B-037T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-50A-018T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-50A-025T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-50A-037T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-50A-055T	L 0,75 kW	R-S 3-F + SP, 10A

type	inverter L	service switch
HB-4-50B-025T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-50B-037T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-50B-055T	L 0,75 kW	R-S 3-F + SP, 10A
HB-4-56A-037T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-56A-055T	L 0,75 kW	R-S 3-F + SP, 10A
HB-4-56A-075T	L 0,75 kW	R-S 3-F + SP, 10A
HB-4-56B-037T	L 0,4 kW	R-S 3-F + SP, 10A
HB-4-56B-055T	L 0,75 kW	R-S 3-F + SP, 10A
HB-4-56B-075T	L 0,75 kW	R-S 3-F + SP, 10A
HB-4-56B-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-63A-075T	L 0,75 kW	R-S 3-F + SP, 10A
HB-4-63A-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-63A-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-63B-075T	L 0,75 kW	R-S 3-F + SP, 10A
HB-4-63B-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-63B-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-71A-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-71A-220T	L 2,2 kW	R-S 3-F + SP, 10A
HB-4-71A-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-71B-110T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-71B-150T	L 1,5 kW	R-S 3-F + SP, 10A
HB-4-71B-220T	L 2,2 kW	R-S 3-F + SP, 10A
HB-4-71B-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-80A-220T	L 2,2 kW	R-S 3-F + SP, 10A
HB-4-80A-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-80A-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-80A-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-4-80B-300T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-80B-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-80B-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-4-90A-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-90A-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-4-90A-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-4-90A-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-4-90B-400T	L 4,0 kW	R-S 3-F + SP, 10A
HB-4-90B-550T	L 5,5 kW	R-S 3-F + SP, 16A
HB-4-90B-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-4-90B-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-4-100A-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-4-100A-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-4-100A-1500T	L 15,0 kW	R-S 3-F + SP, 40A
HB-4-100B-750T	L 7,5 kW	R-S 3-F + SP, 16A
HB-4-100B-1100T	L 11,0 kW	R-S 3-F + SP, 25A
HB-4-100B-1500T	L 15,0 kW	R-S 3-F + SP, 40A

Article numbers

40016450 Inverter 0.4kW
 40016451 Inverter 0.75kW
 40016452 Inverter 1.5kW
 40016453 Inverter 2.2kW
 40016454 Inverter 4.0kW
 40016455 Inverter 5.5kW

40016456 Inverter 7.5kW
 40016457 Inverter 11.0kW
 40016458 Inverter 15.0kW
 40016459 Inverter 18.5kW
 40016460 Inverter 22.0kW
 Inverter 30.0kW

91040908-01 R-S 3-F + SP, 10A
 91040908 R-S 3-F + SP, 16A
 91040910 R-S 3-F + SP, 25A
 91040924 R-S 3-F + SP, 40A
 91040911-03 R-S 3-F + SP, 63A