

NIMAX



BACKWARD CENTRIFUGAL FAN, FOR CLEAN OR SLIGHTLY DUSTY AIR

MANUFACTURING FEATURES

- Medium pressure centrifugal fan with direct coupling.
- Reinforced housing made of carbon laminated steel, protected against corrosion by powder coating polyester resin RAL 5010. Finish C3.
- Casing fully latched and adjustable.
- Self-cleaning turbine and reinforced impeller with high-performance backward (reaction) blades made of carbon laminated steel dynamically balanced to minimize noise and vibrations. Black painted RAL 9005
- The size of the centrifugal impeller and casing is larger than a NIMUS, which increases the performance of the unit.
- Squirrel cage standardized asynchronous IEC motor with IP-55 protection and class F electrical insulation. Standard voltages 230/400V 50Hz for three-phase motors up to 4kW and 400/690V 50Hz for higher powers.
- Motor with feet (B3) supported on motor support foot.
- Models of size 500 and above are supplied with a front support foot, for the other models the front support foot is optional.
- Maximum working temperature in continuous: air transported: 130°C, environment: 60°C.

- Available positions (to be indicated in case of order): LG270, LG0, LG45, LG90, LG135, LG180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315.
- The indicated codes correspond to the model in position LG270

APPLICATIONS

Suitable for moving clean or dusty air. Designed to be installed in conduit for suction or impulsion.

- Paint booths.
- Collection of dust.
- Food industry dryers.
- Food processing.
- Incineration.
- Odor control in industry.
- Indoor / outdoor pollution control.
- Big buildings.
- Malls.
- Factories / Industrial buildings.
- Warehouses.
- Extraction of smoke.
- Boilers and ovens.
- Manufacture and treatment of chemical products.
- Tunnels, underground stations.

ON DEMAND

- Fans for special voltages.
- 2 speed motor.
- C4 or C5 coating painting
- Hot dip galvanized
- Inox 304 (normal or electropolished finish)
- Inox 316 (normal or electropolished finish)
- Cooling wheel
- Anticaloric paint
- Fully welded housing (waterproof)
- Inspection door to facilitate maintenance and cleaning
- Drain plug.

Accessories



- Airtight axle
- Non-sparking air passage and standard motor
- Other brands of motors.

Technical data

Three-phase motor / 2 poles

Code	Model	R.P.M.	Rated I. A		Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
			230V	400V					
NX314290	NIMAX 314 T2 1,5kW	2865	5,83	3,14	1,50	5.510	60	36,89	1
NX3542100	NIMAX 354 T2 3kW	2880	10,3	5,92	3,00	7.880	64	50,47	1
NX4042132	NIMAX 404 T2 5,5kW	2910	-	10,6	5,50	11.270	67	75,16	1
NX4542160	NIMAX 454 T2 11kW	2940	-	20,8	11,00	16.040	71	90,43	1
NX5042160	NIMAX 504 T2 15kW	2935	-	27,4	15,00	22.010	74	116,85	1

Three-phase motor / 4 poles

Code	Model	R.P.M.	Rated I. A		Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
			230V	400V					
NX314471	NIMAX 314 T4 0,37kW	1370	1,86	1,07	0,37	2.760	45	36,04	1
NX354471	NIMAX 354 T4 0,37kW	1370	1,86	1,07	0,37	3.940	49	45,26	1
NX404480	NIMAX 404 T4 0,55kW	1440	2,57	1,49	0,55	5.640	52	57,89	1
NX454490	NIMAX 454 T4 1,1kW	1450	4,33	2,49	1,10	8.020	56	72,87	1
NX5044100	NIMAX 504 T4 2,2kW	1435	8,07	4,64	2,20	11.010	59	97,23	1
NX5644100	NIMAX 564 T4 3kW	1420	10,7	6,17	3,00	15.460	63	126,18	1
NX6344132	NIMAX 634 T4 5,5kW	1460	-	10,5	5,50	22.010	66	170,69	1
NX7144160	NIMAX 714 T4 11kW	1455	-	21,2	11,00	31.500	70	222,65	1
NX8044180	NIMAX 804 T4 18,5kW	1470	-	35,6	18,50	45.060	73	279,93	1
NX9044225	NIMAX 904 T4 37kW	1470	-	69,2	37,00	64.160	77	382,71	1
NX10044250	NIMAX 1004 T4 55kW	1475	-	97,1	55,00	88.010	80	464,82	1

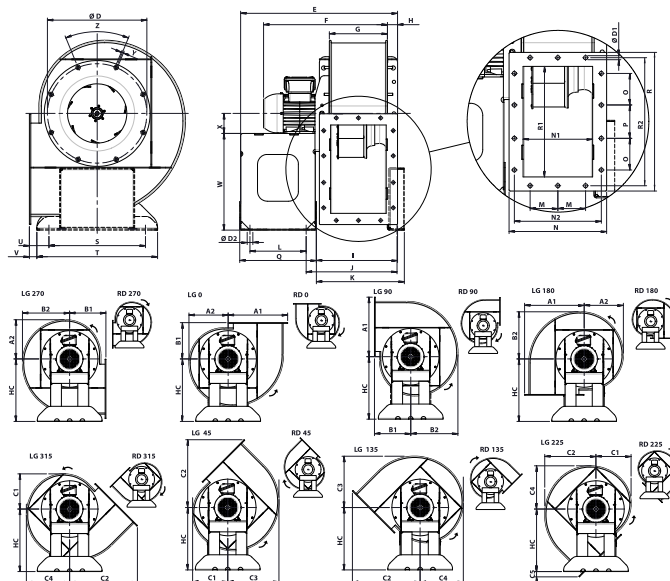
Three-phase motor / 6 poles

Code	Model	R.P.M.	Rated I. A		Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
			230V	400V					
NX504680	NIMAX 504 T6 0,75kW	925	3,39	1,95	0,75	7.340	50	90,72	1
NX564690	NIMAX 564 T6 1,1kW	925	4,83	2,78	1,10	10.310	54	119,71	1
NX6346112	NIMAX 634 T6 2,2kW	965	10,3	5,94	2,20	14.680	57	156,23	1
NX7146132	NIMAX 714 T6 3kW	960	12,7	7,3	3,00	21.000	61	209,71	1
NX8046132	NIMAX 804 T6 5,5kW	960	-	12,8	5,50	30.040	65	262,16	1
NX9046160	NIMAX 904 T6 11kW	965	-	22,6	11,00	42.780	68	342,35	1
NX10046200	NIMAX 1004 T6 18,5kW	975	-	35,7	18,50	58.680	71	450,85	1

Notes:

** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions



Model	A1	A2	B1	B2	C1	C2	C3	C4	C5
NIMAX 314 T2 1,5kW	396	260.7	241.3	314.1	234	450.6	340.8	287.4	35
NIMAX 314 T4 0,37kW	396	260.7	241.3	314.1	234	450.6	340.8	287.4	35
NIMAX 354 T2 3kW	441.8	292.4	266.2	352.6	262.3	500.6	382.7	322.5	40
NIMAX 354 T4 0,37kW	441.8	292.4	266.2	352.6	262.3	500.6	382.7	322.5	40
NIMAX 404 T2 5,5kW	493	328.2	294.3	396.1	294.3	556.7	430.1	362.2	46.1
NIMAX 404 T4 0,55kW	493	328.2	294.3	396.1	294.3	556.7	430.1	362.2	46.1
NIMAX 454 T2 11kW	549.3	367.7	325.4	444	329.6	618.5	482.2	405.9	47.9
NIMAX 454 T4 1,1kW	549.3	367.7	325.4	444	329.6	618.5	482.2	405.9	47.9

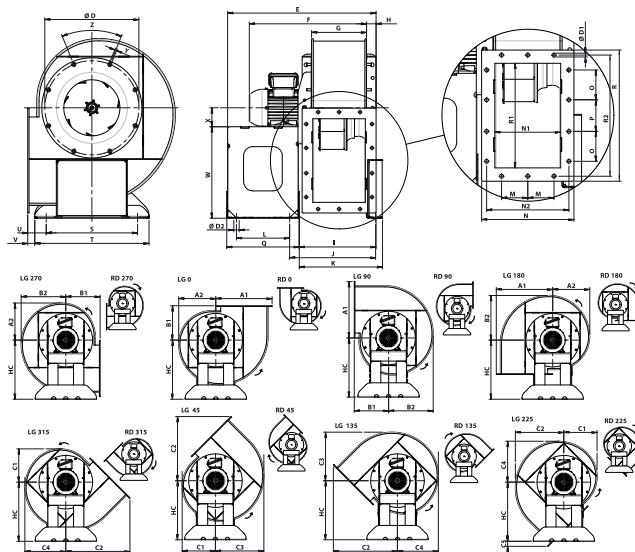
Model	D	D1	D2	E	F (±)	G (±)	H	HC	I
NIMAX 314 T2 1,5kW	354.5	11.5	20	582	531.5	230	35.6	415.6	312
NIMAX 314 T4 0,37kW	354.5	11.5	20	582	465.5	230	35.6	415.6	312
NIMAX 354 T2 3kW	394.5	11.5	20	620.7	593.1	259	35.4	460.6	378.4
NIMAX 354 T4 0,37kW	394.5	11.5	20	620.7	496	259	35.4	460.6	378.4
NIMAX 404 T2 5,5kW	438	11.5	20	731.9	682.5	290	35.6	510.6	417
NIMAX 404 T4 0,55kW	438	11.5	20	651.9	543	290	35.6	510.6	409.4
NIMAX 454 T2 11kW	485	11.5	20	900.1	753	325	48.5	570.6	469.8
NIMAX 454 T4 1,1kW	485	11.5	20	700	623.5	325	48.5	570.6	469.8

Model	J	K	L	M	N	N1	N2	O	P
NIMAX 314 T2 1,5kW	347	336.5	200	90.6	301.5	221	271.1	90	95
NIMAX 314 T4 0,37kW	347	336.5	200	90.6	301.5	221	271.1	90	95
NIMAX 354 T2 3kW	340.8	365.4	205	104.9	329.8	250	299.8	105	105

Model	J	K	L	M	N	N1	N2	O	P
NIMAX 354 T4 0,37kW	340.8	365.4	205	104.9	329.8	250	299.8	105	105
NIMAX 404 T2 5,5kW	371.2	395.6	270	120.6	361.1	281	331.1	120	120
NIMAX 404 T4 0,55kW	372	396.4	205	120.6	361.1	281	331.1	120	120
NIMAX 454 T2 11kW	426.4	460.9	385	128	396	316	366	130	130
NIMAX 454 T4 1,1kW	426.4	460.9	185	128	396	316	366	130	130

Model	Q	R	R1	R2	S	T	U	V	W
NIMAX 314 T2 1,5kW	272.9	395	315	365	344	430	69.3	26.3	325.6
NIMAX 314 T4 0,37kW	272.9	395	315	365	344	430	69.3	26.3	344.6
NIMAX 354 T2 3kW	282.9	435	355	405	397	473	67.7	29.7	360.6
NIMAX 354 T4 0,37kW	282.9	435	355	405	397	473	67.7	29.7	389.6
NIMAX 404 T2 5,5kW	364.7	480	400	450	416	473	86.3	57.8	378.6
NIMAX 404 T4 0,55kW	282.9	480	400	450	397	473	95.8	57.8	430.6
NIMAX 454 T2 11kW	464.7	530	450	500	487	563	81.9	43.9	438.6
NIMAX 454 T4 1,1kW	264.6	530	450	500	487	563	126.9	43.9	480.6

Model	X	Y	Z
NIMAX 314 T2 1,5kW	90	M8	8holes x45°
NIMAX 314 T4 0,37kW	71	M8	8holes x45°
NIMAX 354 T2 3kW	100	M8	8holes x45°
NIMAX 354 T4 0,37kW	71	M8	8holes x45°
NIMAX 404 T2 5,5kW	132	M8	8holes x45°
NIMAX 404 T4 0,55kW	80	M8	8holes x45°
NIMAX 454 T2 11kW	132	M8	8holes x45°
NIMAX 454 T4 1,1kW	90	M8	8holes x45°



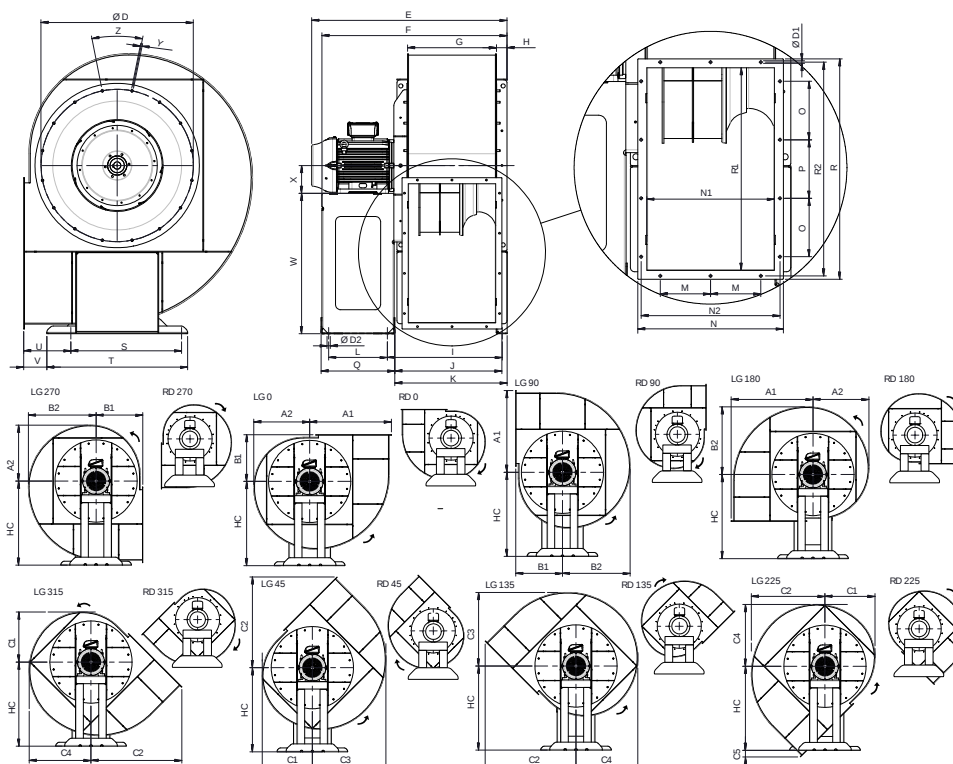
Model	A1	A2	B1	B2	C1	C2	C3	C4	C5
NIMAX 504 T2 15kW	606	407.4	356.6	492.2	365	680.66	534.6	449.8	50.06
NIMAX 504 T4 2,2kW	606	407.4	356.6	492.2	365	680.66	534.6	449.8	50.06
NIMAX 504 T6 0,75kW	606	407.4	356.6	492.2	365	680.66	534.6	449.8	50.06
NIMAX 564 T4 3kW	674	455	394	550	407.5	755.19	597.5	502.5	60.19
NIMAX 564 T6 1,1kW	674	455	394	550	407.5	755.19	597.5	502.5	60.19
NIMAX 634 T4 5,5kW	753.3	510.5	437.6	617.4	457.05	842.09	670.85	563.95	67.09
NIMAX 634 T6 2,2kW	753.3	510.5	437.6	617.4	457.05	842.09	670.85	563.95	67.09
NIMAX 714 T4 11kW	843.7	573.9	487.5	694.3	513.7	941.3	754.5	634.1	76.3
NIMAX 714 T6 3kW	843.7	573.9	487.5	694.3	513.7	941.3	754.5	634.1	76.3
NIMAX 804 T4 18,5kW	945.7	645.3	543.6	781	577.5	1053.1	848.9	713.2	88.1
NIMAX 804 T6 5,5kW	945.7	645.3	543.6	781	577.5	1053.1	848.9	713.2	88.1

Model	D	D1	D2	E	F (±)	G (±)	H	HC	I
NIMAX 504 T2 15kW	535	11.5	535	951.61	914.35	361	58.5	625.6	463.39
NIMAX 504 T4 2,2kW	535	11.5	535	750.8	697.8	361	58.5	625.6	463.12
NIMAX 504 T6 0,75kW	535	11.5	535	750.8	661.7	361	58.5	625.6	463.12
NIMAX 564 T4 3kW	608	11.5	20	792.8	741	403	58.5	695	505.16
NIMAX 564 T6 1,1kW	608	11.5	20	752.8	704.9	363	58.5	695	505.16
NIMAX 634 T4 5,5kW	675	11.5	20	1042.61	886.2	452	58.5	775	554.55
NIMAX 634 T6 2,2kW	675	11.5	20	841.8	807.88	452	58.5	775	554.28
NIMAX 714 T4 11kW	755	11.5	20	1099.61	1064.45	509	58.5	865	611.25
NIMAX 714 T6 3kW	755	11.5	20	1099.61	943.3	509	58.5	865	611.25
NIMAX 804 T4 18,5kW	845	11.5	20	1182.6	1212.2	571	58.5	965	673.1
NIMAX 804 T6 5,5kW	845	11.5	20	1182.6	1182.6	571	58.5	965	673.1

Model	J	K	L	M	N	N1	N2	O	P
NIMAX 504 T2 15kW	507.1	296.53	385	145.96	431.93	352	401.93	147	146
NIMAX 504 T4 2,2kW	506.55	496.26	185	145.96	431.93	352	401.93	147	146
NIMAX 504 T6 0,75kW	506.55	496.26	185	145.96	431.93	352	401.93	147	146
NIMAX 564 T4 3kW	548.55	538.26	185	167	474	394	444	165	170
NIMAX 564 T6 1,1kW	548.55	538.26	185	167	474	394	444	165	170
NIMAX 634 T4 5,5kW	598.1	587.53	385	191.63	523.25	443	493.25	190	190
NIMAX 634 T6 2,2kW	597.55	587.26	185	191.63	523.25	443	493.25	190	190
NIMAX 714 T4 11kW	655.1	644.53	385	209.84	579.68	500	549.68	210	210
NIMAX 714 T6 3kW	655.1	644.53	385	209.84	579.68	500	549.68	210	210
NIMAX 804 T4 18,5kW	730.6	706.1	380	231.1	642.3	562	612.3	233	234
NIMAX 804 T6 5,5kW	730.6	706.1	380	231.1	642.3	562	612.3	233	234

Model	Q	R	R1	R2	S	T	U	V	W
NIMAX 504 T2 15kW	465.19	580	500	550	487	563	113.1	75.1	465.6
NIMAX 504 T4 2,2kW	264.64	580	500	550	397	563	158.1	75.1	525.6
NIMAX 504 T6 0,75kW	264.64	580	500	550	397	563	158.1	75.1	623.7
NIMAX 564 T4 3kW	264.64	640	560	610	397	593	195.5	112.5	595
NIMAX 564 T6 1,1kW	264.64	640	560	610	397	593	195.5	112.5	605
NIMAX 634 T4 5,5kW	465.19	710	630	680	487	563	194.1	156.1	643
NIMAX 634 T6 2,2kW	264.64	710	630	680	397	563	239.1	156.1	663
NIMAX 714 T4 11kW	465.19	790	710	760	487	563	244	206	705
NIMAX 714 T6 3kW	465.19	790	710	760	487	563	244	206	733
NIMAX 804 T4 18,5kW	490.6	880	800	850	600	680	243.6	203.6	-
NIMAX 804 T6 5,5kW	490.6	880	800	850	600	680	243.6	203.6	-

Model	X	Y	Z
NIMAX 504 T2 15kW	160	M8	8x45 ^º
NIMAX 504 T4 2,2kW	100	M8	8x45 ^º
NIMAX 504 T6 0,75kW	70	M8	8x45 ^º
NIMAX 564 T4 3kW	100	M8	16x22,5 ^º
NIMAX 564 T6 1,1kW	90	M8	16x22,5 ^º
NIMAX 634 T4 5,5kW	132	M8	16x22,5 ^º
NIMAX 634 T6 2,2kW	112	M8	16x22,5 ^º
NIMAX 714 T4 11kW	160	M8	16x22,5 ^º
NIMAX 714 T6 3kW	132	M8	16x22,5 ^º
NIMAX 804 T4 18,5kW	-	M8	16x22,5 ^º
NIMAX 804 T6 5,5kW	-	M8	16x22,5 ^º



Model	A1	A2	B1	B2	C1	C2	C3	C4	C5
NIMAX 904 T4 37kW	1059	724.6	605.9	877.2	648.2	1177.3	953.6	800.9	87.3
NIMAX 904 T6 11kW	1059	724.6	605.9	877.2	648.2	1177.3	953.6	800.9	87.3
NIMAX 1004 T4 55kW	1172	803.8	668.2	973.5	719	1301.2	1058.3	888.7	101.2
NIMAX 1004 T6 18,5kW	1172	803.8	668.2	973.5	719	1301.2	1058.3	888.7	101.2

Model	D	D1	D2	E	F (±)	G (±)	H	HC	I
NIMAX 904 T4 37kW	987	11.5	20	1470.1	1496.4	642	68.5	1090	759.6
NIMAX 904 T6 11kW	987	11.5	20	1265.5	1283	642	68.5	1090	759.6
NIMAX 1004 T4 55kW	1093	11.5	20	1541.1	1654.1	713	68.5	1200	830.5
NIMAX 1004 T6 18,5kW	1093	11.5	20	1541.1	1486.9	713	68.5	1200	830.5

Model	J	K	L	M	N	N1	N2	O	P
NIMAX 904 T4 37kW	813.8	793.6	580	256.6	713.1	633	683.1	260	260
NIMAX 904 T6 11kW	811.5	793.6	380	256.6	713.1	633	683.1	260	260
NIMAX 1004 T4 55kW	884.8	864.6	580	291.9	783.9	704	753.9	293	294
NIMAX 1004 T6 18,5kW	884.8	864.6	580	291.9	783.9	704	753.9	293	294

Model	Q	R	R1	R2	S	T	U	V	Y
NIMAX 904 T4 37kW	682.5	980	900	950	835	913	188.4	149.4	M12
NIMAX 904 T6 11kW	477.9	980	900	950	717.5	913	305.9	149.4	M12
NIMAX 1004 T4 55kW	682.5	1080	1000	1050	835	913	250.7	211.7	M12

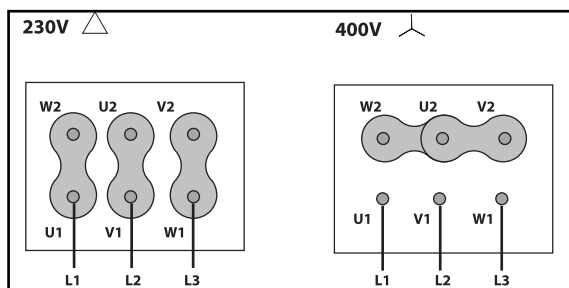
Model	Q	R	R1	R2	S	T	U	V	Y
NIMAX 1004 T6 18,5kW	682.5	1080	1000	1050	835	913	250.7	211.7	M12

Model	Z
NIMAX 904 T4 37kW	16x22,5º
NIMAX 904 T6 11kW	16x22,5º
NIMAX 1004 T4 55kW	16x22,5º
NIMAX 1004 T6 18,5kW	16x22,5º

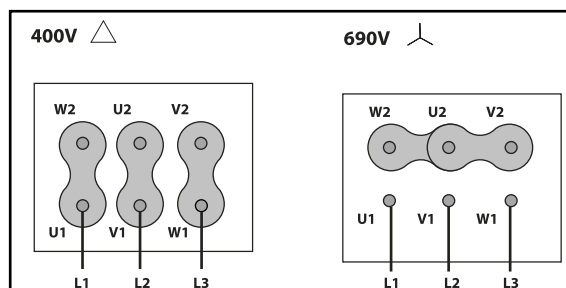
Wiring diagram

Wiring diagram Nº 1

230/400V



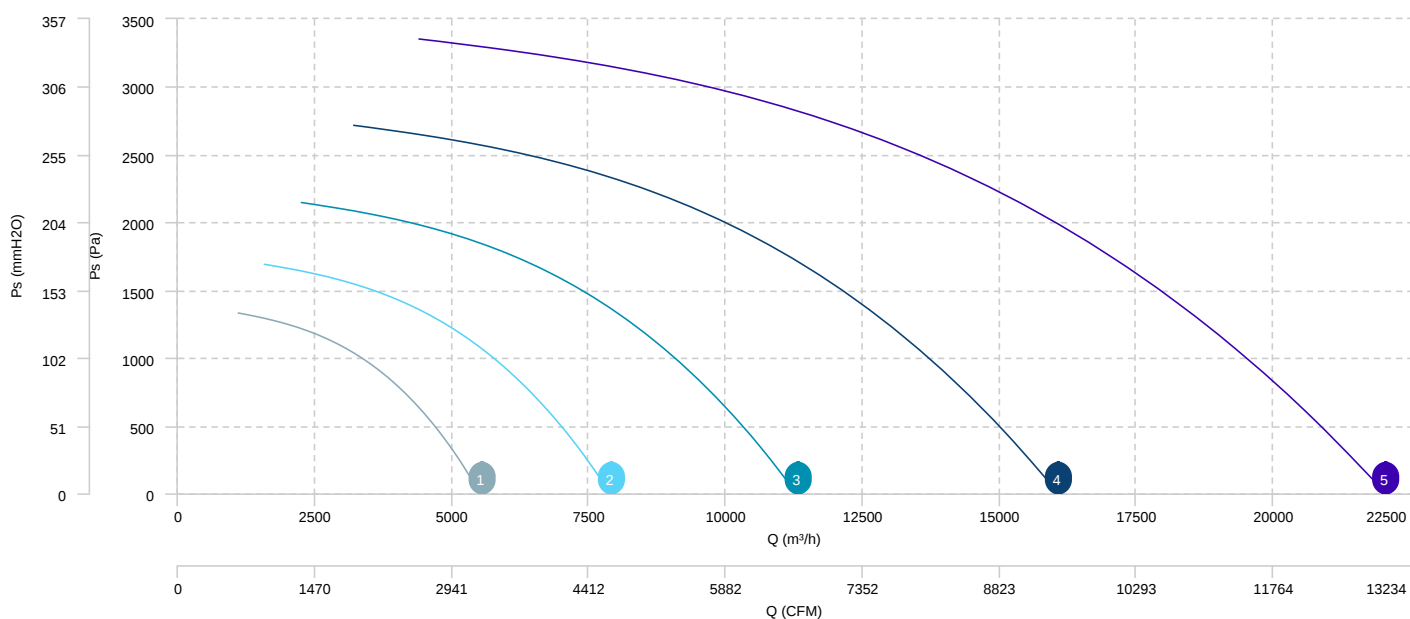
400/690V



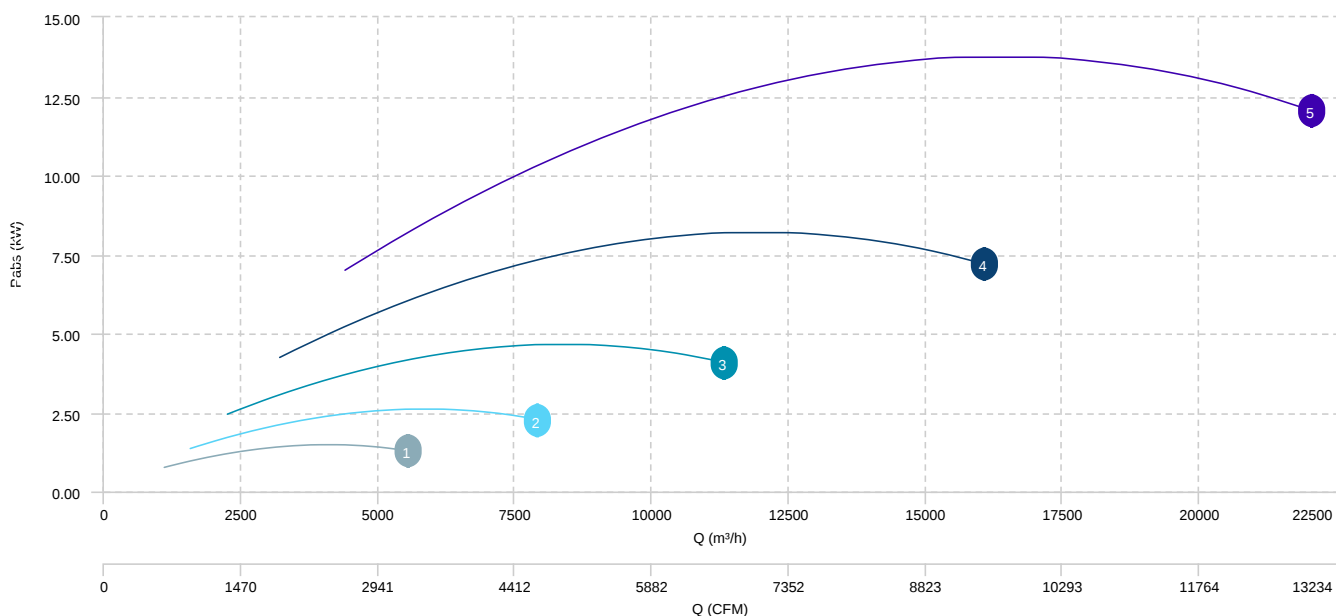
CHARACTERISTIC CURVE

1	NIMAX 314 T2 1,5kW	2	NIMAX 354 T2 3kW	3	NIMAX 404 T2 5,5kW	4	NIMAX 454 T2 11kW
5	NIMAX 504 T2 15kW						

AIR FLOW - PRESSURE

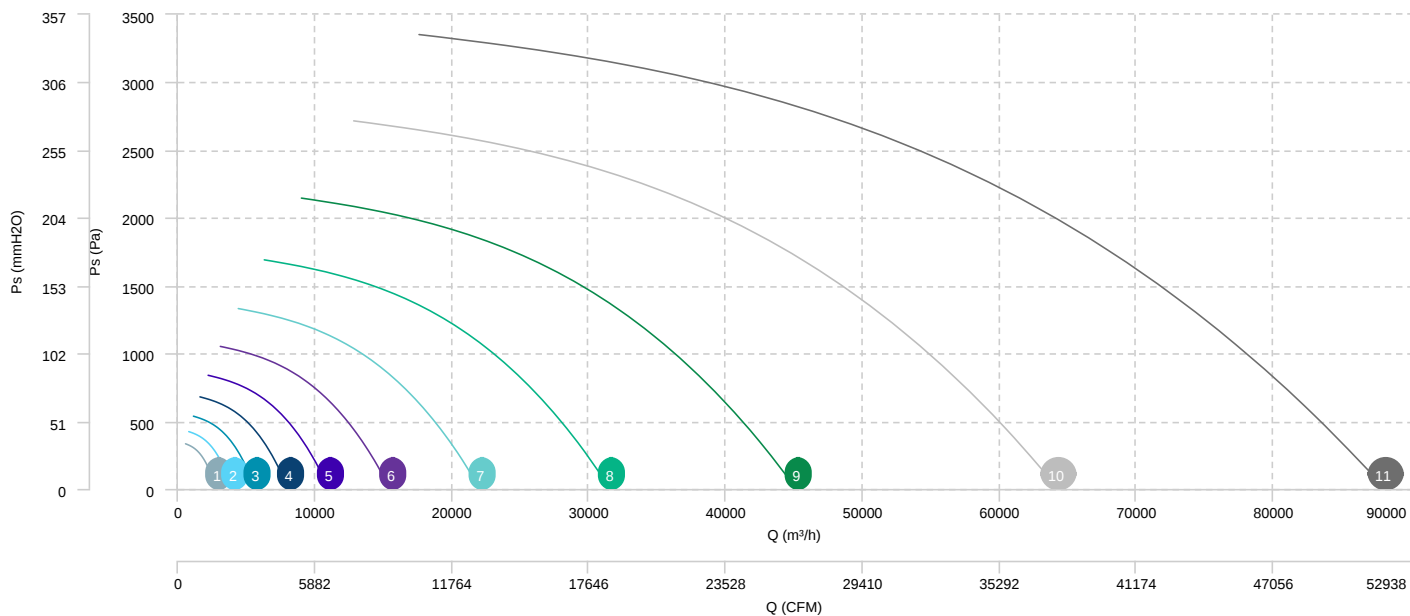


AIR FLOW - ABSORBED POWER

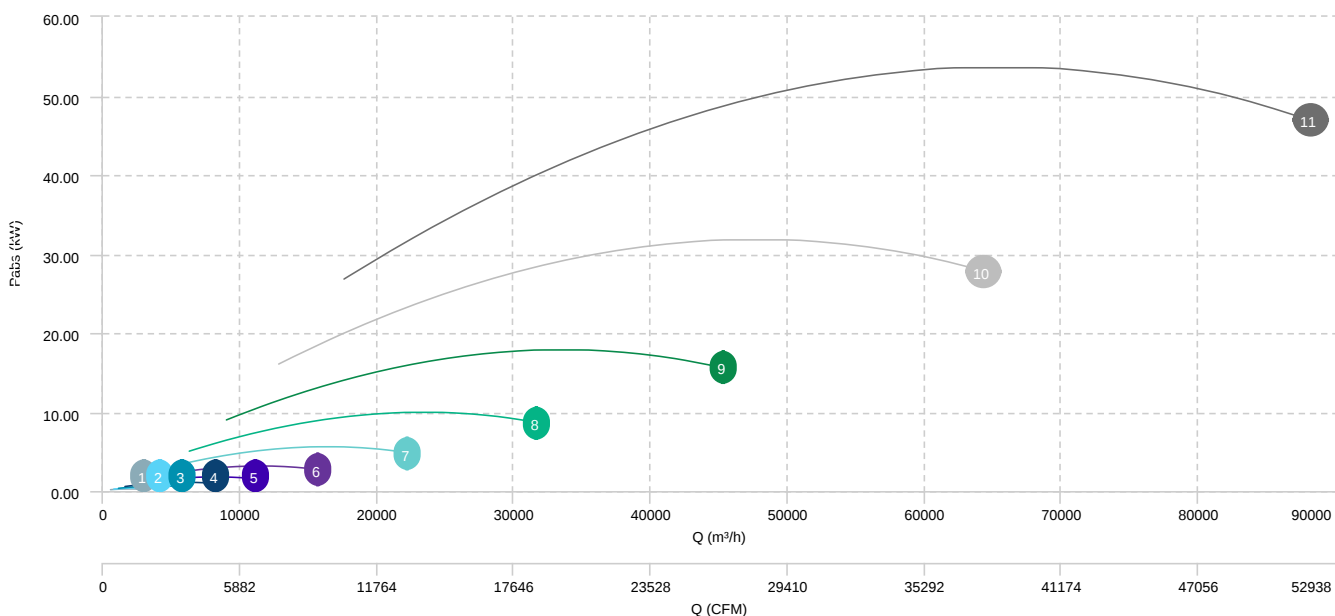


1	NIMAX 314 T4 0,37kW	2	NIMAX 354 T4 0,37kW	3	NIMAX 404 T4 0,55kW	4	NIMAX 454 T4 1,1kW
5	NIMAX 504 T4 2,2kW	6	NIMAX 564 T4 3kW	7	NIMAX 634 T4 5,5kW	8	NIMAX 714 T4 11kW
9	NIMAX 804 T4 18,5kW	10	NIMAX 904 T4 37kW	11	NIMAX 1004 T4 55kW		

AIR FLOW - PRESSURE

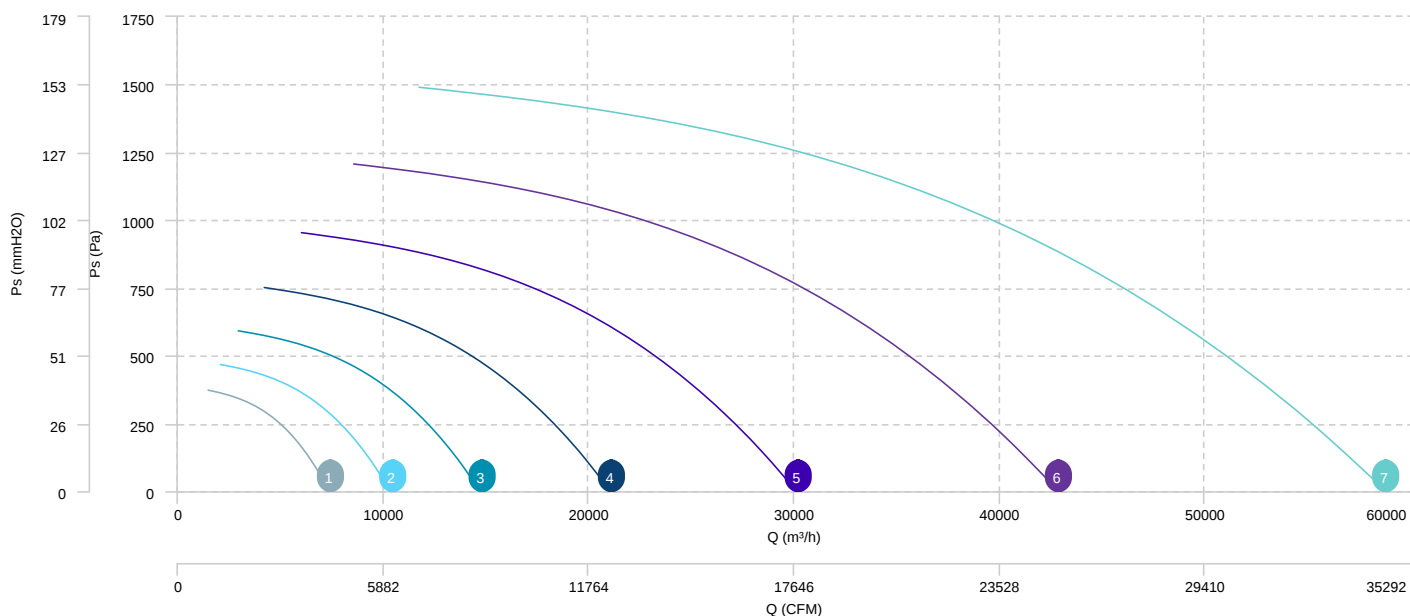


AIR FLOW - ABSORBED POWER

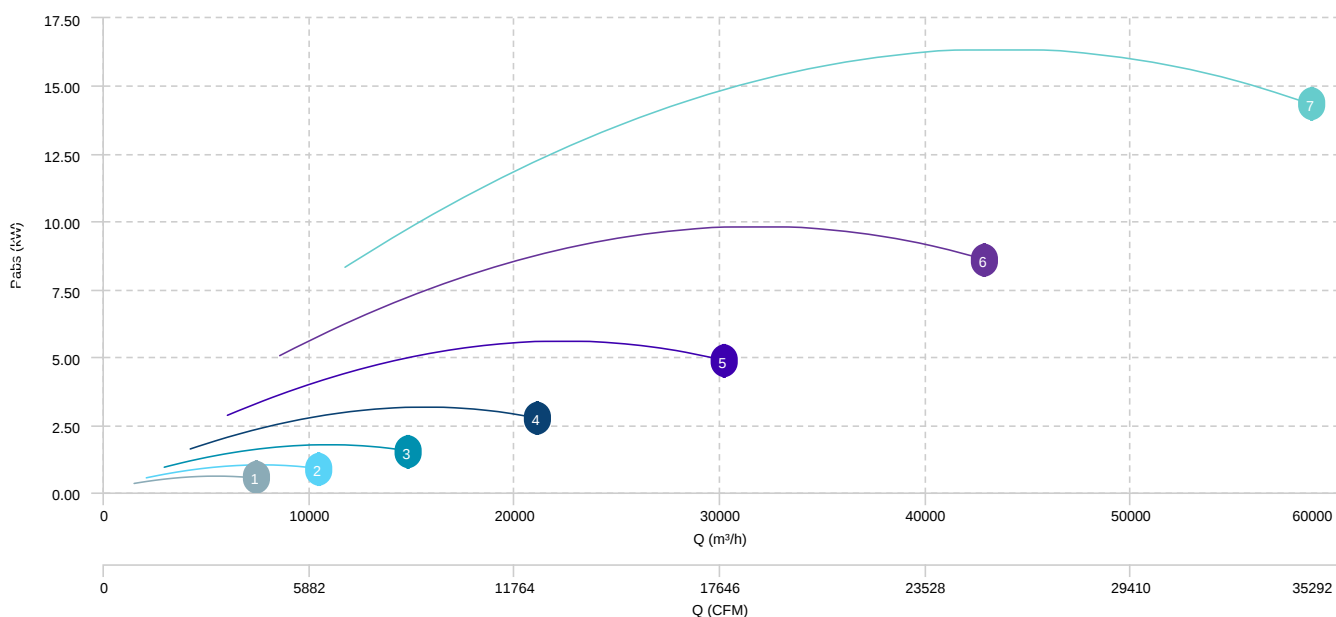


1	NIMAX 504 T6 0,75kW	2	NIMAX 564 T6 1,1kW	3	NIMAX 634 T6 2,2kW	4	NIMAX 714 T6 3kW
5	NIMAX 804 T6 5,5kW	6	NIMAX 904 T6 11kW	7	NIMAX 1004 T6 18,5kW		

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



Sound data

Sound / 2 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
NIMAX 314 T2 1,5kW	Inlet	82	80	77	75	73	70	67	64	86
NIMAX 354 T2 3kW	Inlet	86	84	81	79	77	74	71	68	90
NIMAX 404 T2 5,5kW	Inlet	89	87	84	82	80	77	74	71	93
NIMAX 454 T2 11kW	Inlet	93	91	88	86	84	81	78	75	97
NIMAX 504 T2 15kW	Inlet	96	94	91	89	87	84	81	78	100

Sound / 4 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
NIMAX 314 T4 0,37kW	Inlet	67	65	62	60	58	55	52	49	71
NIMAX 354 T4 0,37kW	Inlet	71	69	66	64	62	59	56	53	75
NIMAX 404 T4 0,55kW	Inlet	74	72	69	67	65	62	59	56	78
NIMAX 454 T4 1,1kW	Inlet	78	76	73	71	69	66	63	60	82
NIMAX 504 T4 2,2kW	Inlet	81	79	76	74	72	69	66	63	85
NIMAX 564 T4 3kW	Inlet	85	83	80	78	76	73	70	67	89
NIMAX 634 T4 5,5kW	Inlet	88	86	83	81	79	76	73	70	92
NIMAX 714 T4 11kW	Inlet	92	90	87	85	83	80	77	74	96
NIMAX 804 T4 18,5kW	Inlet	95	93	90	88	86	83	80	77	99
NIMAX 904 T4 37kW	Inlet	99	97	94	92	90	87	84	81	103
NIMAX 1004 T4 55kW	Inlet	102	100	97	95	93	90	87	84	106

Sound / 6 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
NIMAX 504 T6 0,75kW	Inlet	72	70	67	65	63	60	57	54	76
NIMAX 564 T6 1,1kW	Inlet	76	74	71	69	67	64	61	58	80
NIMAX 634 T6 2,2kW	Inlet	79	77	74	72	70	67	64	61	83
NIMAX 714 T6 3kW	Inlet	83	81	78	76	74	71	68	65	87
NIMAX 804 T6 5,5kW	Inlet	87	85	82	80	78	75	72	69	91
NIMAX 904 T6 11kW	Inlet	90	88	85	83	81	78	75	72	94
NIMAX 1004 T6 18,5kW	Inlet	93	91	88	86	84	81	78	75	97

erp data

ERP	
Fan type	Centrifugal fan backward blades with casing
Installation category	A
Efficiency category	Static
The fan has to be installed with FSC	No

ERP / 2 poles

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
NIMAX 314 T2 1,5kW	1,50	66,74	75,70	3.134,41	1.054,33	1,40	2865	1,01
NIMAX 354 T2 3kW	3	68,77	75,14	4.503,45	1.335,56	2,48	2880	1,01
NIMAX 404 T2 5,5kW	5,50	69,92	73,63	6.457,17	1.692,84	4,43	2910	1,02
NIMAX 454 T2 11kW	11	71,57	72,72	9.174,78	2.145,67	7,78	2940	1,02
NIMAX 504 T2 15kW	15	72,30	72,08	12.551,27	2.654,05	13,04	2935	1,03

ERP / 4 poles

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
NIMAX 314 T4 0,37kW	0,37	46,28	63,01	1.626,62	256,37	0,26	1370	1,00
NIMAX 354 T4 0,37kW	0,37	53,74	68,43	2.307,44	327,92	0,40	1370	1,00
NIMAX 404 T4 0,55kW	0,55	63,31	76,06	3.226,20	423,43	0,61	1440	1,00
NIMAX 454 T4 1,1kW	1,10	66,54	76,83	4.575,48	537,40	1,05	1450	1,01
NIMAX 504 T4 2,2kW	2,20	69,84	77,95	6.285,91	662,75	1,69	1435	1,01
NIMAX 564 T4 3kW	3	69,38	74,88	8.788,12	834,20	2,99	1420	1,01
NIMAX 634 T4 5,5kW	5,50	70,50	73,39	12.539,25	1.054,24	5,31	1460	1,01
NIMAX 714 T4 11kW	11	72,10	72,37	17.930,39	1.339,91	9,43	1455	1,01
NIMAX 804 T4 18,5kW	18,50	73	72,49	25.644,54	1.701,38	16,91	1470	1,02
NIMAX 904 T4 37kW	37	73,82	72,67	36.579,50	2.150,60	30,15	1470	1,02
NIMAX 1004 T4 55kW	55	74,20	72,48	50.104,91	2.657,75	50,76	1475	1,03

ERP / 6 poles

Model	Motor power (kW)	Maximum efficiency point data						
		Max. efficiency (%)	Efficiency grade (N) (N)	Air Flow (m³/h)	Ps (Pa)	Pabs (kW)	speed (rpm)	Specific ratio
NIMAX 504 T6 0,75kW	0,75	61,10	74,13	4.231,59	292,51	0,57	925	1,00
NIMAX 564 T6 1,1kW	1,10	63,92	74,59	5.899,65	368,95	0,96	925	1,00
NIMAX 634 T6 2,2kW	2,20	66,41	74,57	8.410,47	466,54	1,67	965	1,00
NIMAX 714 T6 3kW	3	67,70	73,23	11.938,60	596,04	2,98	960	1,01
NIMAX 804 T6 5,5kW	5,50	69,23	72,14	17.121,51	755,40	5,29	960	1,01
NIMAX 904 T6 11kW	11	70,93	71,26	24.436,43	954,45	9,31	965	1,01
NIMAX 1004 T6 18,5kW	18,50	72,09	71,68	33.465,95	1.179,68	15,49	975	1,01