

FANS

GEOVENT offers a wide range of fans with air flow up to 55.000 m³/h. Further we can provide fans up to 4.800 Pa and can deliver fans to almost every task.

- Fans are available as central and decentral fans
- Mobile, portable fans
- Energy saving fans
- Two-speed motor
- Motor with 6- and 8-poles
- With frequency inverter
- High temperature fans
- Stainless or plastic
- ATEX version

At Geovent we are ready to do our best to help you with your ventilation project.

We produce the fans ourselves on the Geovent factory in Løgstrup, where we also keep a stock of intermediate goods such as fan housings, motors and wheels.

This means we offer high flexibility and fast delivery. Most of our fans are made of galvanized steel to last for a long period.



FANS



GEOVENT centrifugal fans LSFG/MSFG (with forward curved blades) and LEF/MEF (with backwards curved blades) are used for process extraction in industry or for comfort ventilation.

A sirocco impeller (forward curved blades) is low noise, low vibration, delivers a high output per kW and provides a relatively high pressure.

Due to the relatively flat curve of the sirocco impeller it is not recommended for pressure regulation.

The fans LEF/MEF has a high efficiency of up to 87% and is suitable for PID/constant pressure control. The fan is made of 100% galvanized steel for maximum corrosion resistance and therefore suitable for outdoor installation on a roof or wall.

Our fans can be placed in a sound box to reduce noise emission.

Some of the advantages of backward curved blades:

- Efficiency of up to 87%
- Well suited for pressure control causing for substantial savings on operation.

Full range of accessories, such as flex connectors, mounting brackets, rain cover, motor protection, pressure gauge and sound box are available in the model program.

As standard included feet with vibration dampers, inlet connection with net, and fixtures for mounting of outlet flange.

The fans can also be delivered in ATEX design according to 2014/34/EU Directive. In this case, the type is LSX/MSX and comes as standard with EExe motor, see ATEX.

Other variations, can be offered on request (AISI).

The fan can be delivered in stainless steel (AISI 316L), with (built-in) frequency inverter, two-speed motor, 6- and 8-pole motor, special-voltage motors or higher efficiency, special high temperature version etc.

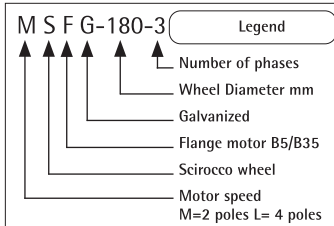
Air volumes up to 55.000 m³/h

Pressure up to 4.800 Pa

Motor: Direct drive B5 or B35 flange motor protection class IP-55.



Fans LSFG/MSFG 146 to 250



Art. No.	Description	[kW]	[A]	Max [m ³ /h]	Max [Pa]
38-001	LSFG-146-3	0,25	0,8	700	160
38-002	MSFG-146-3	0,55	1,4	900	620
38-005	LSFG-146-1	0,25	2,05	700	160
38-006	MSFG-146-1	0,55	3,57	900	620

30-001	LSFG-180-3	0,25	0,8	1.175	230
30-002	MSFG-180-3	0,55	1,4	1.670	950
30-005	LSFG-180-1	0,25	2,05	1.175	230
30-006	MSFG-180-1	0,55	3,57	1.670	950

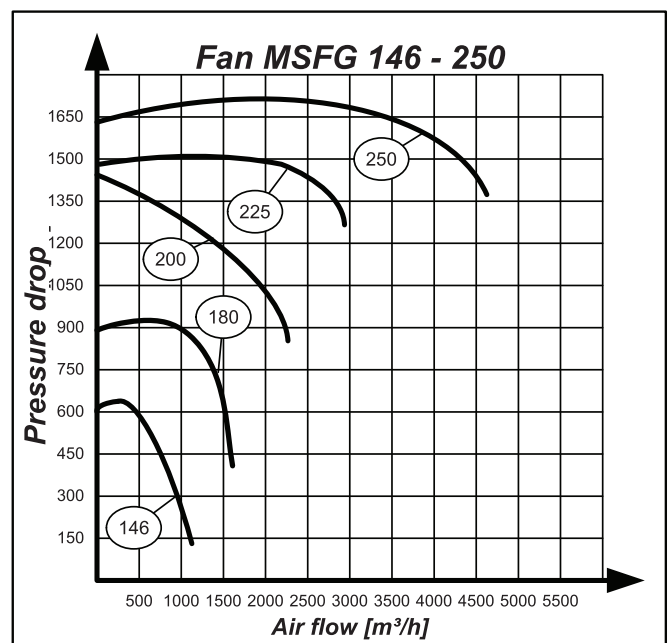
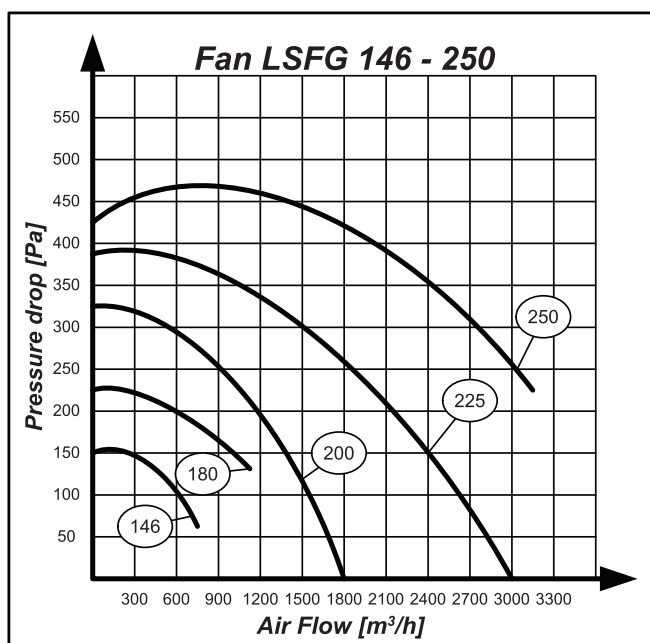
31-001	LSFG-200-3	0,55	1,5	1.750	320
31-002	MSFG-200-3	1,1	2,4	2.100	1.450
31-005	LSFG-200-1	0,55	3,83	1.750	320
31-006	MSFG-200-1	1,1	6,5	2.100	1.450

32-001	LSFG-225-3	1,5	3,45	2.500	450
32-002	MSFG-225-3	2,2	4,4	2.950	1.500
32-005	LSFG-225-1	1,5	9,5	2.500	450
32-006	MSFG-225-1	2,2	13,2	2.950	1.500

33-001	LSFG-250-3	2,2	4,6	3.150	470
33-002	MSFG-250-3	4	7,2	4.900	1.840

Motor configurations - please ask

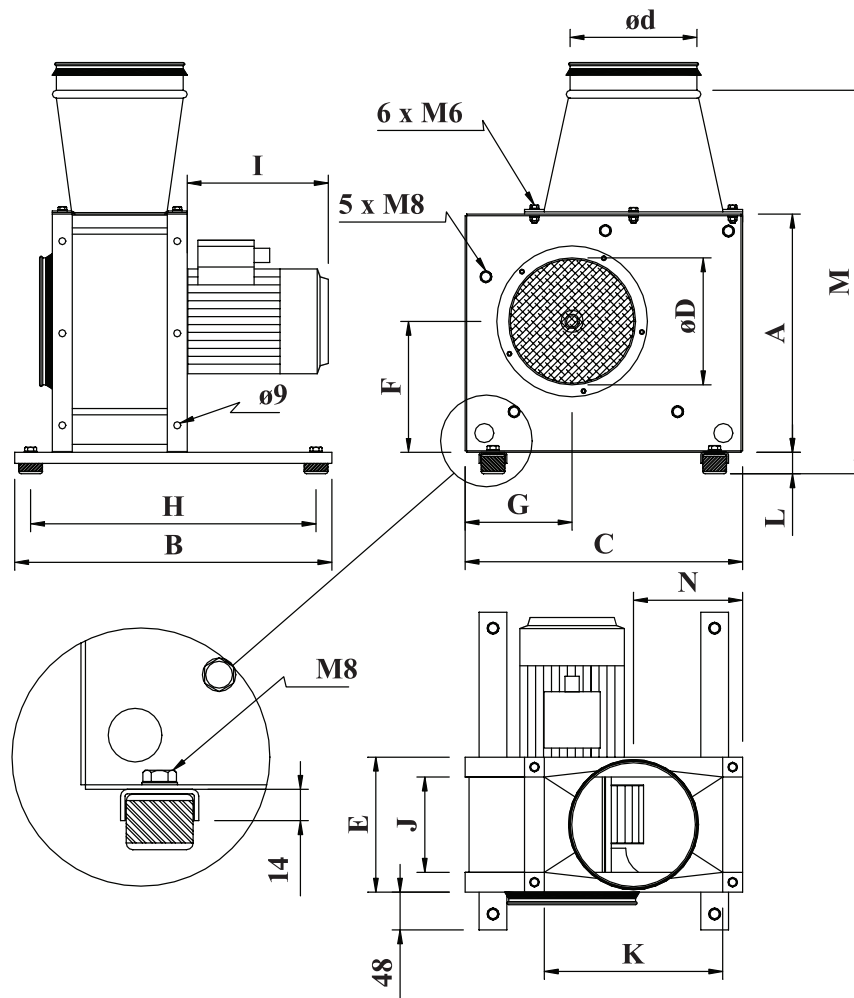
Pressure drop for fans LSFG/MSFG 146 to 250



Sounddata for fans LSFG/MSFG 146 to 250

Noise emission																			
Type	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lp, dB(A)	Lp, 1m	Type	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lp, dB(A)	Lp, 1m
LSFG 146	46	47	48	46	45	41	35	51	45	MSFG 146	61	62	65	63	64	58	51	69	63
LSFG 180	54	57	53	50	47	42	36	56	50	MSFG 180	70	80	69	64	65	59	54	74	68
LSFG 200	61	62	58	57	50	45	40	61	55	MSFG 200	80	83	72	71	71	66	61	78	72
LSFG 225	62	63	59	58	54	51	45	63	57	MSFG 225	82	85	75	73	74	68	63	81	75
LSFG 250	66	67	64	63	60	54	46	67	61	MSFG 250	86	90	77	75	76	71	65	84	78

Dimensions, fans LSFG/MSFG 146 to 250 and LSX/MSX 146 to 250



Dimensions, fans LSFG/MSFG 146 - 250																
Type	A	B	C	ϕD	ϕd	E	F	G	H	I**	J	K	L	M	N	Weight**
L-/MSFG 146	245	400	295	160	*	145	134	113	360	178	95	185	27	402	118	11 kg
L-/MSFG 180	300	400	350	160	*	168	165	135	360	178	120	225	27	527	138	12 kg
L-/MSFG 200	350	400	400	200	*	180	205	165	360	205	130	250	27	577	150	19 kg
L-/MSFG 225	370	500	450	250	*	195	210	190	460	219	145	280	27	597	165	28 kg
L-/MSFG 250	410	500	500	250	*	215	230	210	460	300	170	320	27	637	185	47 kg

* depending on outlet flange ** depending on motor

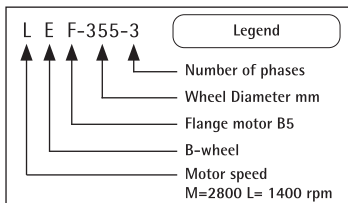
Fans LEF/MEF 250 to 400 – B-impeller, efficiency up to 87%



Incl. inlet with safety mesh and carrying feet with anti-vibration pads



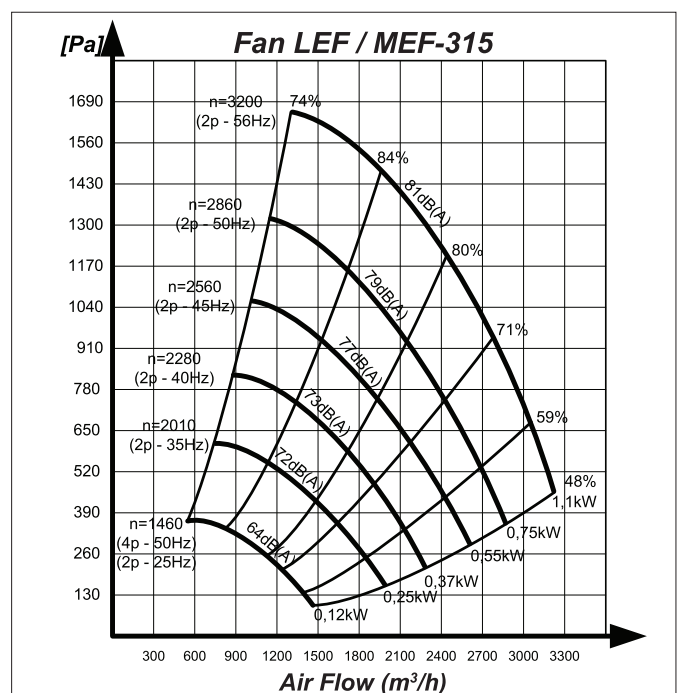
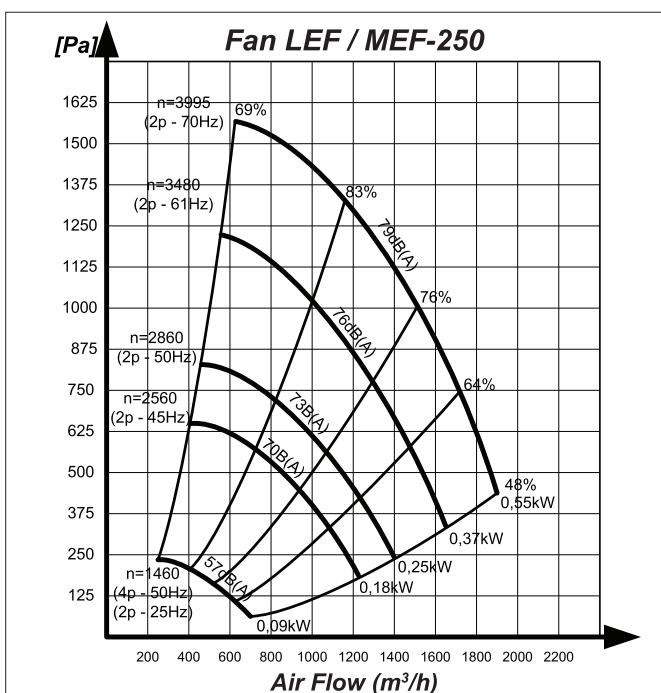
B-impeller with backward curved blades.



Art. No.	Description	[kW]	[A]	Max[m ³ /h]	Max [Pa]
33-701	LEF-250-3	0,25	0,75	700	230
33-702	MEF-250-3*	0,37	0,9	1.650	1.200
33-703	MEF-250-3*	0,55	1,28	1.900	1.575
33-704	LEF-250-1	0,25	1,81	700	230
33-705	MEF-250-1	0,37	2,54	1.400	825
34-651	LEF-315-3*	0,25	0,75	1.450	360
34-652	MEF-315-3*	0,55	1,28	2.600	1.070
34-653	MEF-315-3	0,75	1,74	2.850	1.330
34-654	MEF-315-3*	1,1	2,4	3.200	1.640
34-655	LEF-315-1	0,25	1,81	1.450	360
34-656	MEF-315-1	0,75	4,25	2.850	1.330
34-701	LEF-355-3	0,25	0,75	2.250	425
34-702	MEF-355-3*	0,75	1,74	3.350	1.000
34-703	MEF-355-3*	1,1	2,4	3.800	1.240
34-704	MEF-355-3	1,5	3,15	4.350	1.550
34-705	MEF-355-3*	2,2	4,4	5.000	2.150
34-706	MEF-355-3*	3	5,75	5.500	2.550
34-707	MEF-355-1	1,5	8,45	4.350	1.550
34-708	LEF-355-1	0,25	2,05	2.250	425
35-201	LEF-400-3	0,55	1,44	3.500	500
35-203	MEF-400-3*	2,2	4,4	5.500	1.550
35-206	MEF-400-3	4	7,2	6.300	2.150
35-206A	MEF-400-3*	5,5	9,95	7.500	2.810
35-202	LEF-400-1	0,55	3,34	3.500	500

* Requires use of external frequency inverter.

Pressure drop for LEF/MEF 250 to 315



Fans LEF/MEF 450 to 630 – B-impeller, efficiency up to 87%



NB. For motors with 4kW power and up are supported with console

Art. No.	Description	[kW]	[A]	Max [m³/h]	Max [Pa]
35-701	LEF-450-3	0,75	1,8	4.700	700
35-705	MEF-450-3*	4	7,2	8.200	2.100
35-706	MEF-450-3	5,5	9,95	9.500	2.600
35-708	MEF-450-3*	7,5	13,8	10.500	3.100
35-702	LEF-450-1	0,75	4,42	4.700	700

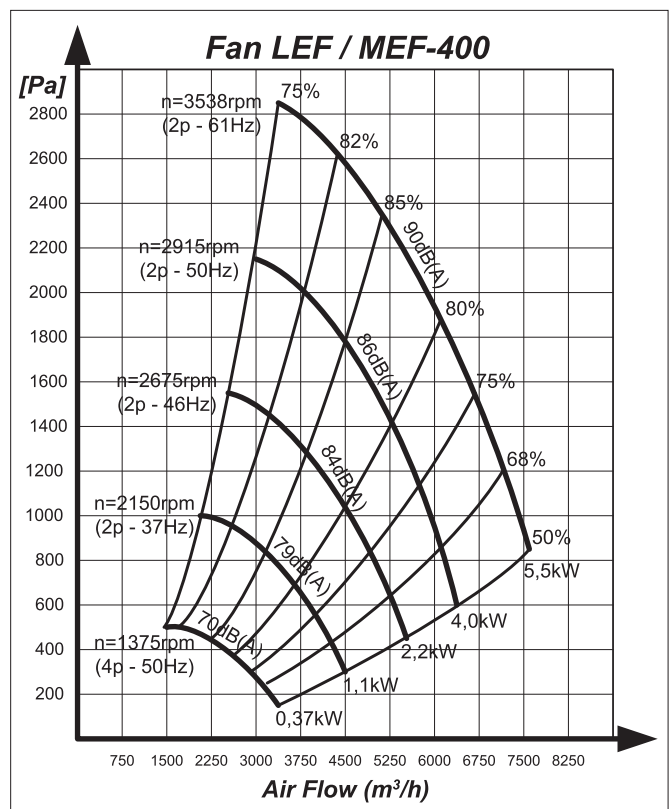
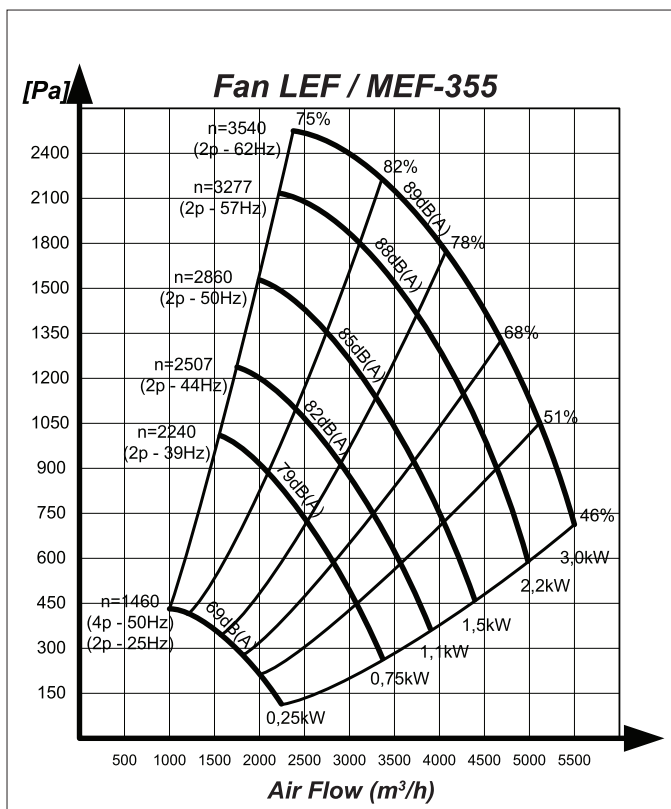
36-504	LEF-500-3	1,1	2,5	3.600	800
36-503	MEF-500-3*	4	7,2	9.200	2.350
36-502	MEF-500-3*	5,5	9,95	10.000	2.900
36-500	MEF-500-3	7,5	13,8	11.400	3.350
36-501	MEF-500-3*	11	19,6	13.200	4.200

35-801	LEF-560-3	2,2	4,55	8.500	1.050
35-802	MEF-560-3*	7,5	13,8	13.000	2.300
35-803	MEF-560-3*	11	19,6	14.800	3.100
35-804	MEF-560-3	18,5	34,3	18.000	4.400

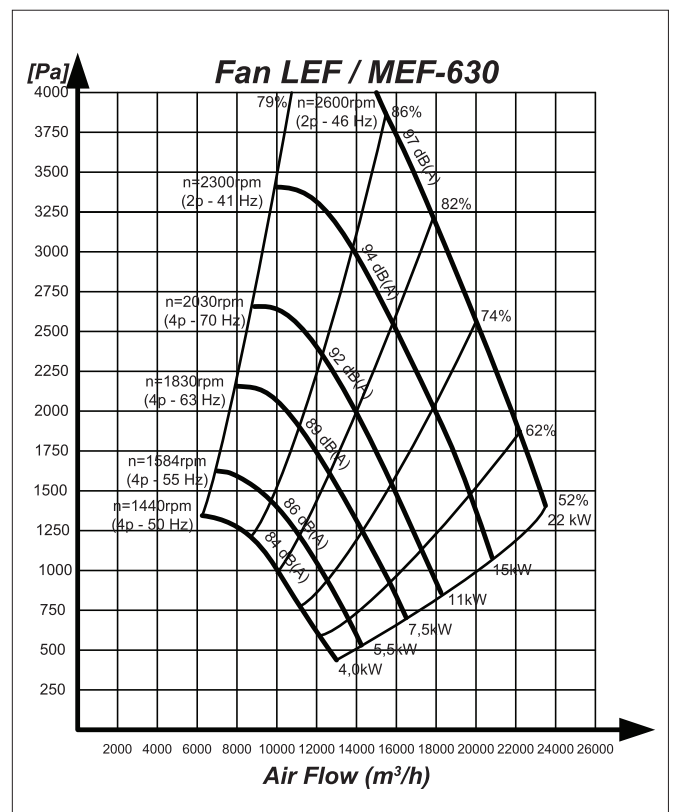
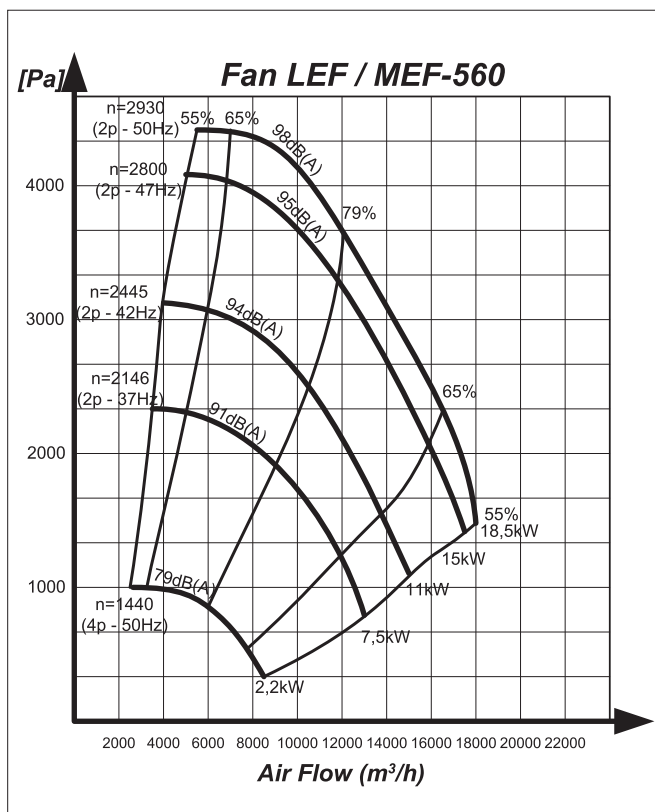
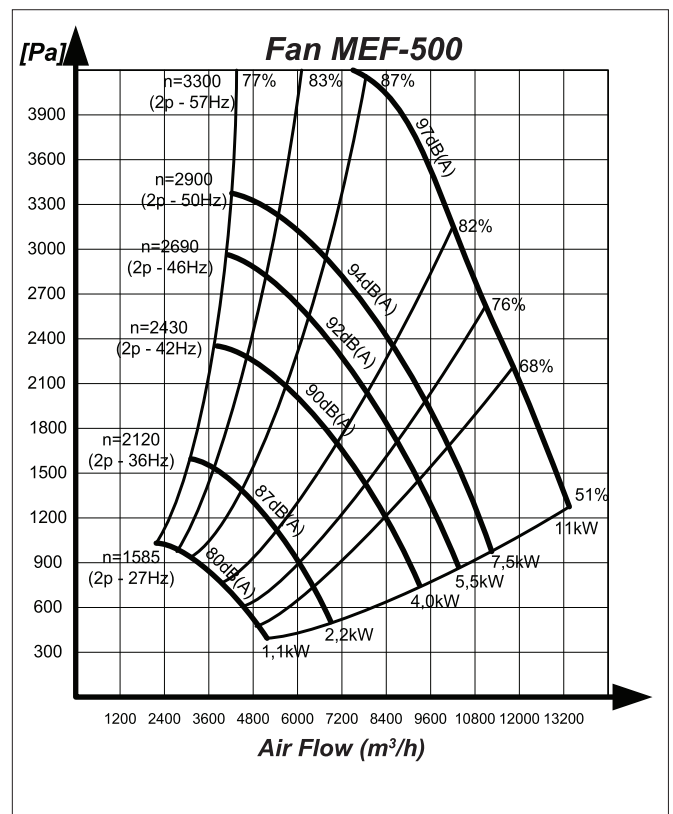
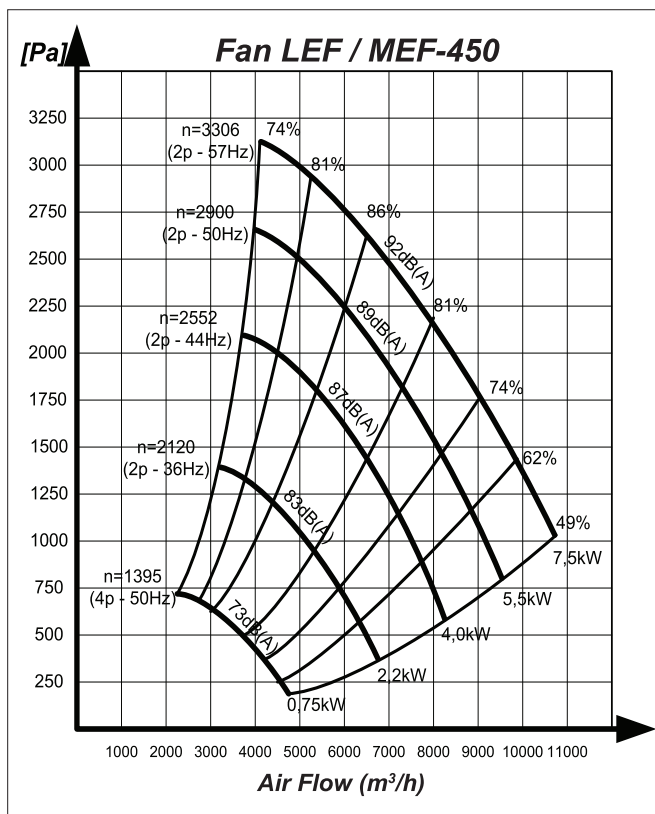
35-751	LEF-630-3	4	7,9	13.000	1.250
35-755	LEF-630-3*	5,5	10,8	14.200	2.150
35-752	LEF-630-3*	7,5	14,2	16.500	2.150
35-753	LEF-630-3*	11	21,2	18.200	2.650
35-750A	MEF-630-3*	15	26	21.000	3.400
35-750	MEF-630-3*	22	38,5	23.500	4.400

* Requires use of external frequency inverter.

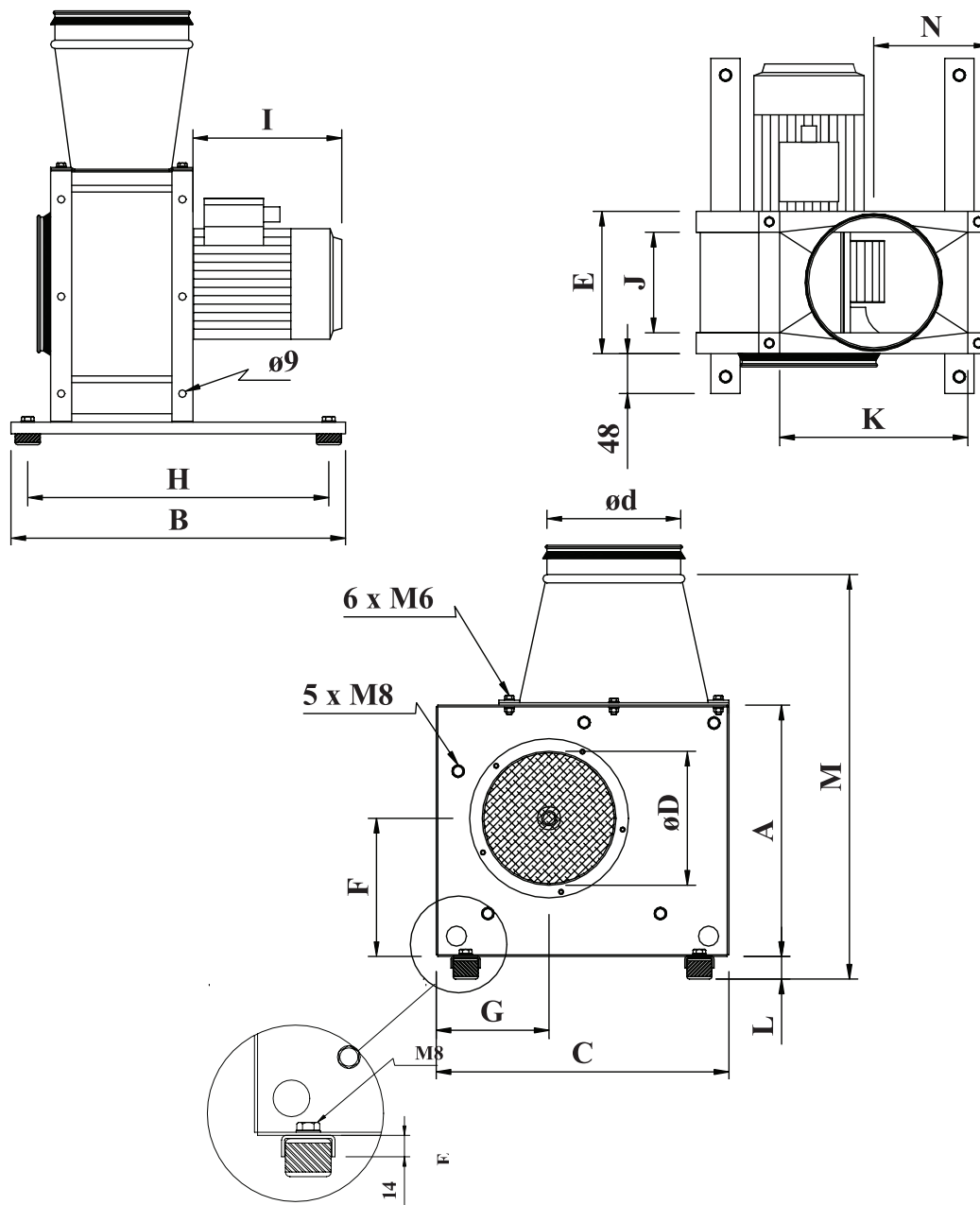
Pressure drop for LEF/MEF 355 to 400



Pressure drop for LEF/MEF 450 to 630



Dimensions, fans LEF/MEF (LEX/MEX)



Dimensions, fans LEF/MEF (LEX/MEX)

Type	A	B	C	ϕD	ϕd	E	F	G	H	I	J	K	M	N	Weight
250	410	500*	500	250	***	215	230	210	460*	**	170	320	637	185	22-38kg*
315	510	700*	600	315	***	260	290	240	660*	**	210	400	720	225	40-43kg*
355	570	700*	680	400	***	284	329	272	660*	**	234	450	797	250	47-49kg*
400	648	700*	756	400	***	308	367	304	660*	**	260	500	965	275	56-90kg*
450	715	800*	850	500	***	340	408	340	760*	**	290	560	1045	305	71-105kg*
500	758	800*	871	500	***	345	421	362	760*	**	295	470	1065	263	81-180kg*
560	907	800*	1070	630	***	425	523	440	760*	**	375	709	1340	380	150-250kg*
630	989	800*	1175	630	***	446	563	467	760*	**	400	800	1340	425	135-300kg*

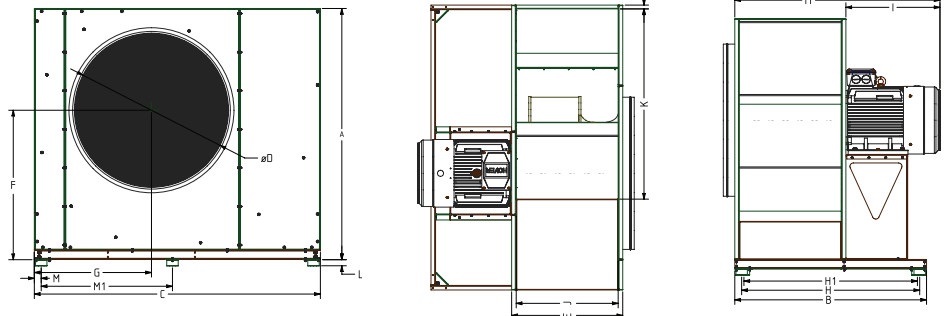
*/**/ - depending on motor. NB: For LEX/MEX versions will the motor typically have larger measures than standard motors, and hence higher weight!

*** depending on outlet flange

LEF 800 to 1000



Art. No.	Description	[kW]	[A]	Max [m³/h]	Max [Pa]
36-600	LEF-800-3	37	67	37000	4300
36-700	LEF-900-3	37	67	46000	4400
36-800	LEF-1000-3	45	79,5	55000	4300



	H1	H	B	I1	I	K	E	J	G	M	M1	C	L	F	A	øD
LEF-800-3	877	907	997	1200	610	998	590	530	616	45	708	1507	40	801	1339	800
LEF-900-3	995	1020	1110	1253	593	1120	660	600	690	45	800	1690	40	889	1491	1000
LEF-1000-3	1140	1170	1260	1350	620	1250	730	670	766	45	859	1872	40	978	1644	1000

Accessories for fans

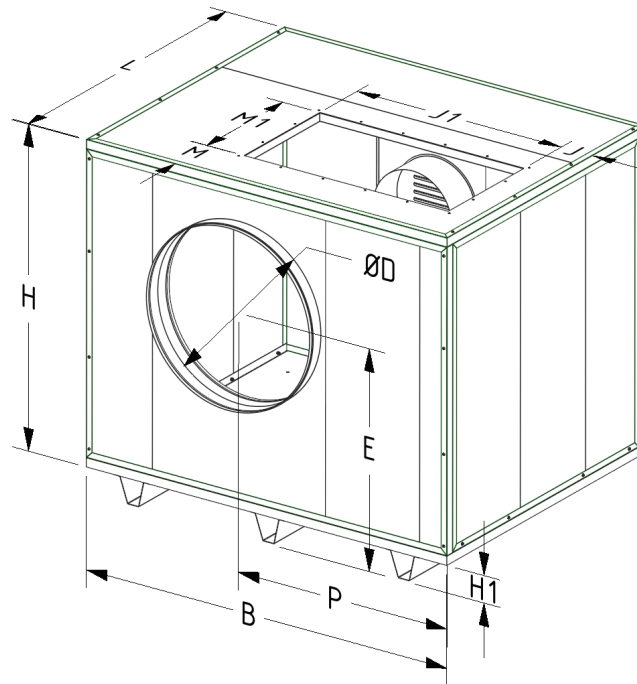


Art. No. Description

36-670	Sound box 800
36-770	Sound box 900
36-870	Sound box 1000

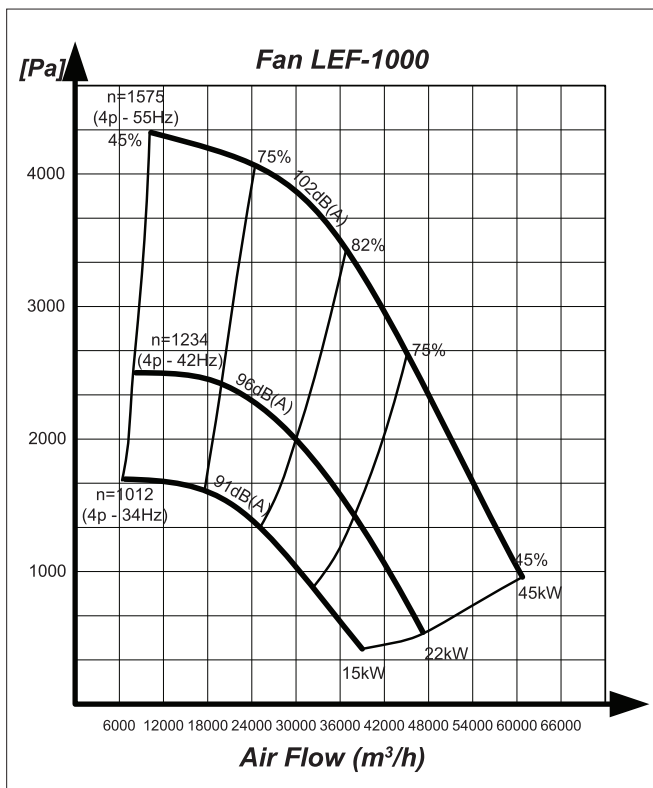
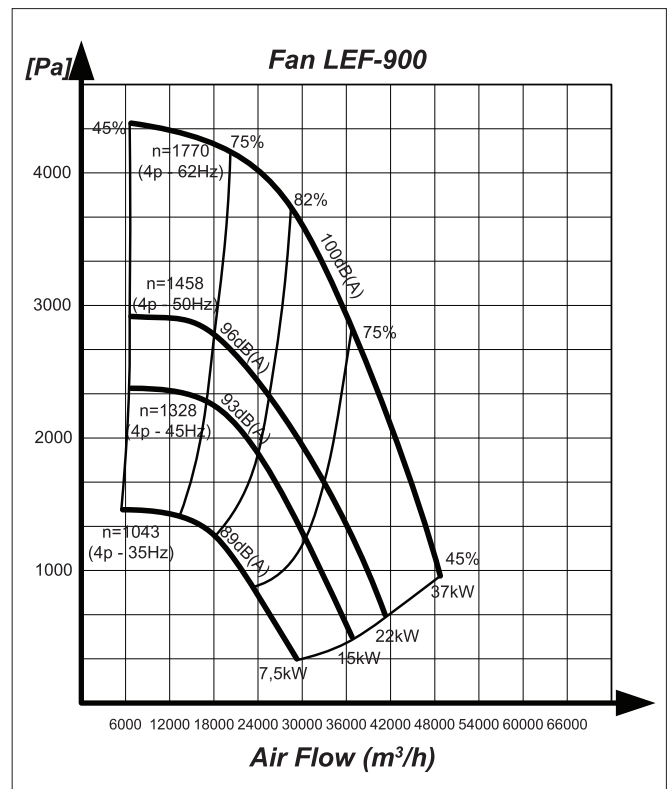
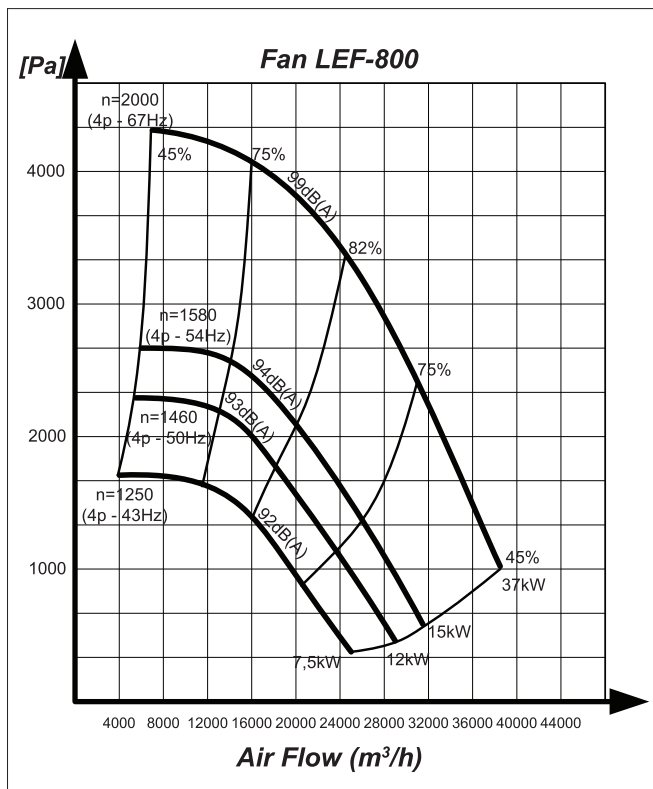
Protects against wind, weather and noise - noise reduction 10-15 dB (A)

Dimensions, sound boxes - all measurements in mm



Model	L	B	H	H1	E	P	J	J1	M	M1	øD
LEF 800	1505 mm	1810 mm	1488 mm	150 mm	1045 mm	1044 mm	180 mm	998 mm	235 mm	530 mm	800 mm
LEF 900	1555 mm	2010 mm	1640 mm	150 mm	1130 mm	1135 mm	160 mm	1120mm	273 mm	600 mm	1000 mm
LEF 1000	1755 mm	2210 mm	1795 mm	150 mm	1220 mm	1278 mm	195 mm	1250 mm	290 mm	671 mm	1000 mm

Pressure drop for LEF 800 to 1000



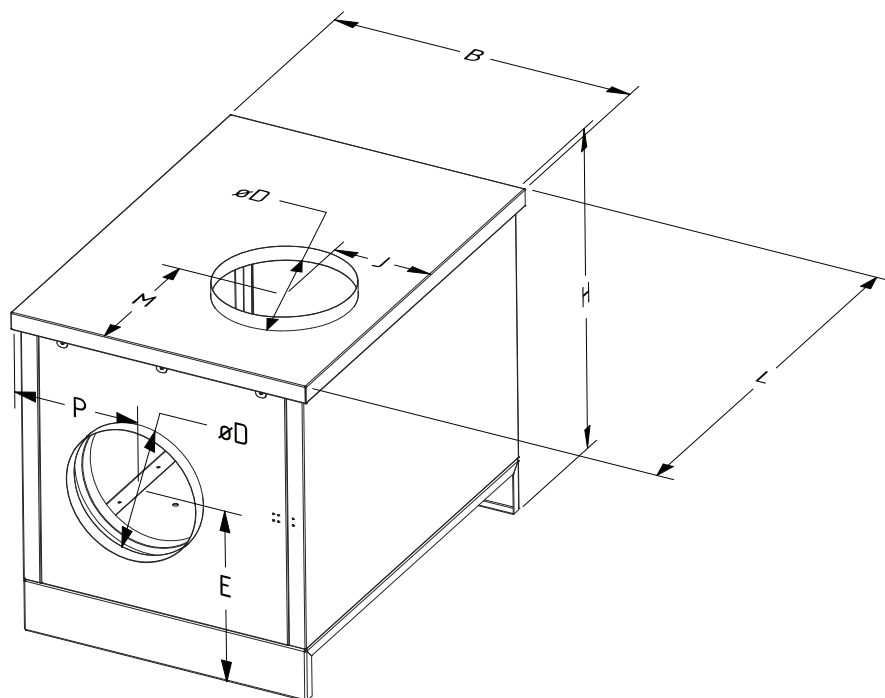

Art. No. Description

38-072	Sound box2 146
30-072	Sound box2 180
31-072	Sound box2 200
32-072	Sound box2 225
33-072	Sound box2 250
34-072	Sound box2 315
34-572	Sound box2 355
35-072	Sound box2 400
35-572	Sound box2 450
36-572	Sound box2 500
35-872	Sound box2 560
35-772	Sound box2 630

Protects against wind and weather - noise reduction 10-15 dB(A)


Art. No. Description

30-087	Sound box MHF 400
30-088	Sound box MHF 500



Type	146/180/200	225/250	315	355/400	450/500	560/630	30-087	30-088
B	518	615	715	873	986	1290	715	715
H	592	652	778	915	1046	1277	1002	1002
L	685	784	984	1080	1272	1390	784	784
ØD	200	250	315	400	500	630	160	200
E	330	345	415	485	546	673	405	430
P	226	268	298	354	420	525	352	342
M	212/262	254	335	308	379	429	202	202
J	169/189	205	233	269	318	393	254	229
Weight	34 kg	42 kg	63 kg	81 kg	105 kg	155 kg	90 kg	95 kg



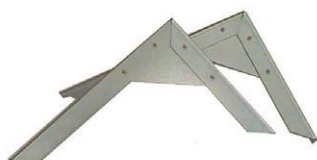
Art. No.	Description
38-009	Outlet flange 146/ø80
38-015	Outlet flange 146/ø125
38-021	Outlet flange 146/ø160
30-015	Outlet flange 180/ø160
30-019	Outlet flange 180/ø200
31-019	Outlet flange 200/ø160
31-015	Outlet flange 200/ø200
31-015A	Outlet flange 200/ø250
31-015B	Outlet flange 200/ø315
32-019	Outlet flange 225/ø200
32-015	Outlet flange 225/ø250
32-021	Outlet flange 225/ø315
33-015	Outlet flange 250/ø250
33-019	Outlet flange 250/ø200
33-021	Outlet flange 250/ø315
34-015	Outlet flange 315/ø315
34-023	Outlet flange 315/ø400
34-515	Outlet flange 355/ø315
34-519	Outlet flange 355/ø400
35-015	Outlet flange 400/ø400
35-019	Outlet flange 400/ø500
35-021	Outlet flange 400/ø630
35-519	Outlet flange 450/ø400
35-515	Outlet flange 450/ø500
35-521	Outlet flange 450/ø630
36-515	Outlet flange 500/ø500
36-519	Outlet flange 500/ø630
35-815	Outlet flange 560/ø500
35-819	Outlet flange 560/ø630
35-821	Outlet flange 560/ø800
35-774	Outlet flange 630/ø500
35-775	Outlet flange 630/ø630
35-776	Outlet flange 630/ø800
36-619	Outlet flange 800/ø800
36-621	Outlet flange 800/ø1000
36-721	Outlet flange 900/ø1000
36-721A	Outlet flange 900/ø1250
36-821	Outlet flange 1000/ø1000
36-821A	Outlet flange 1000/ø1250

Other sizes on request

Accessories for fans



Art. No.	Description
38-060	Rain cover 146
30-060	Rain cover 180
31-060	Rain cover 200
32-060	Rain cover 225
33-060	Rain cover 250
34-060	Rain cover 315
34-560	Rain cover 355
35-060	Rain cover 400
35-560	Rain cover 450
36-560	Rain cover 500
35-660	Rain cover 560
35-780	Rain cover 630



07-150	Wall bracket 146 to 200 (2-piece set)
07-151	Wall bracket 225 to 250 (2-piece set)
07-152	Wall bracket 315 to 355 (2-piece set)
07-153	Wall bracket 400 to 450 (2-piece set)
07-154	Wall bracket 500 (3-piece set)
07-155	Wall bracket 560-630 (4-piece set)



07-068	Roof console GB 15-45°
07-069	Roof console 0-5° for fan size 146-315



92-200	Manual circuit breaker - adjustment range: 0,4-0,63 A
92-201	Manual circuit breaker - adjustment range: 0,63-1,00 A
92-202	Manual circuit breaker - adjustment range: 1,00-1,60 A
92-203	Manual circuit breaker - adjustment range: 1,60-2,50 A
92-204	Manual circuit breaker - adjustment range: 2,50-4,00 A
92-205	Manual circuit breaker - adjustment range: 4,00-6,30 A
92-206	Manual circuit breaker - adjustment range: 6,00-10,0 A
92-207	Manual circuit breaker - adjustment range: 9,00-14,0 A
92-208	Manual circuit breaker - adjustment range: 13,0-18,0 A
92-209	Manual circuit breaker - adjustment range: 17,0-23,0 A

92-210	Breaker switch for canceling process monitor/pressure switch. Mounted with circuit breaker.
92-210A	230V Changeover contact NO/NC



07-160	Flexible connection ø160 mm
07-161	Flexible connection ø200 mm
07-162	Flexible connection ø250 mm
07-163	Flexible connection ø315 mm
07-164	Flexible connection ø400 mm
07-165	Flexible connection ø500 mm
07-166	Flexible connection ø630 mm

Fan for direct mounting on hose reel type GTE and GTS and on WING and COMPACT arms



Art. No. Description

31-209	Fan MSQ-200-3 0,75kW, 3x400V, 1.400 m ³ /h - 1,9A
31-208	Fan MSQ-200-1 0,75 kW, 1x230V, 1.400 m ³ /h - 4,9A
31-202	Fan MSQ-200-3 1,1 kW 2800 rpm 3x400 V 50 Hz
31-019	Outlet flange 200/ø160 for MSQ-200
04-460A	Mounting bracket for hose reel GTE and GTS ø160 (factory mounted). For mounting fan MSQ directly on the side of a hose reel.
04-460B	Mounting bracket for hose reel GTE ø200 (factory mounted). For mounting fan MSQ directly on the side of a hose reel.
31-201	Adapter for mounting on wall console for ø160 arms
31-207	Adapter for mounting on wall console for ø200 arms

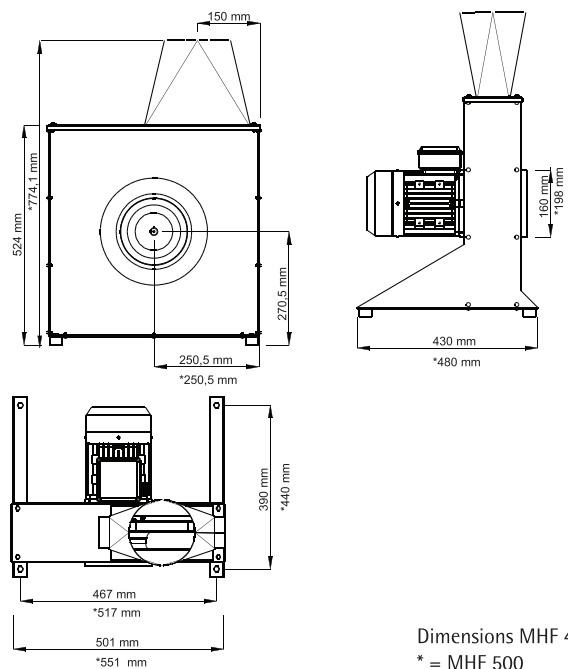
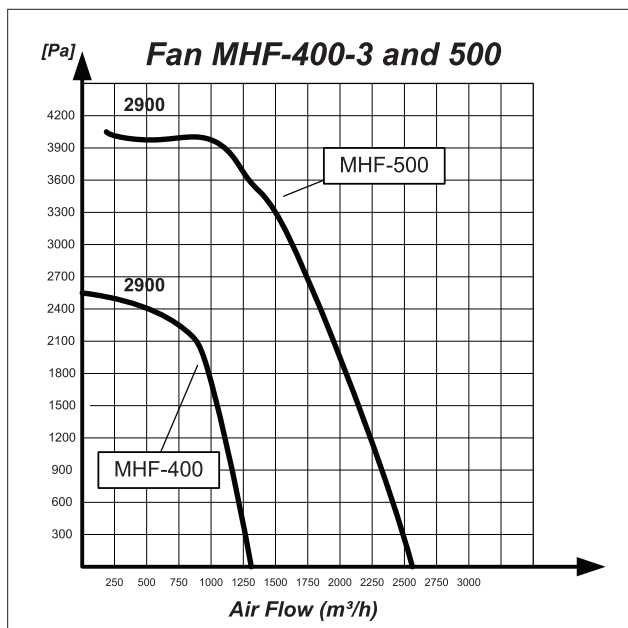
Fans MHF 400 to 500 - with closed B-impeller



Centrifugal fan with closed wheel with backward curved blades and direct driven flange motor. The MHF-fan is used for industrial process extraction. The MHF-fan delivers a high pressure and is ideal for PID/constant pressure regulation.

Art. No.	Description	[kW]	[A]	Max [m ³ /h]	Max [Pa]
35-450	MHF-400-3 3x400V, 50Hz	1,1	2,4	1300	2500
36-550	MHF-500-3 3x400V, 50Hz	4	7,2	2600	4000
36-550A	MHF-500-3 3x400V, 65Hz	5,5	9,8	3200	5500

Pressure drop and dimensions, fan MHF 400 to 500



Fans, plastic



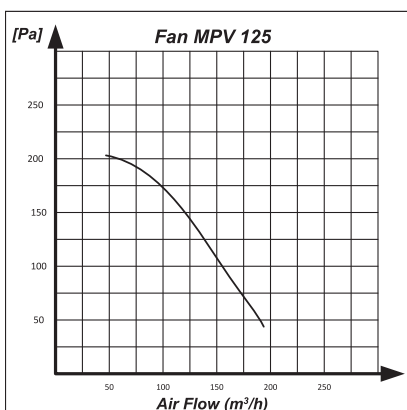
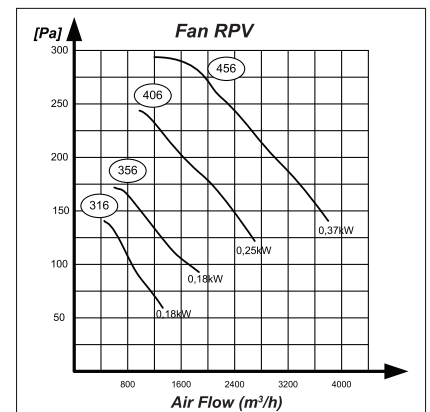
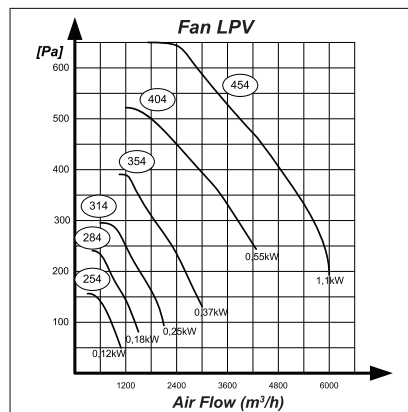
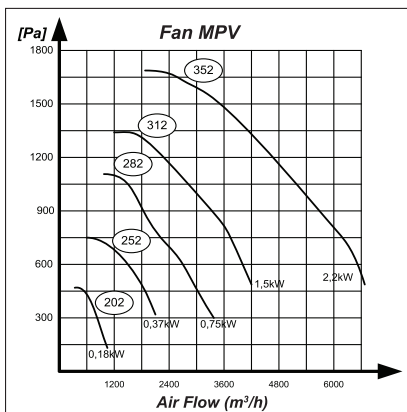
GEOVENT plastic fans are suitable for extraction in corrosive environments - e.g. laboratories, battery rooms, chemical cupboards and more.
Fan house is cast in polyethylene (PE) and impeller is constructed in heavy duty polypropylene (PP).
Air flows up to 6.700 m³/h and available pressure up to 1.700 Pa.

Art. No.	Description	[kW]	[A]	[rpm]	Max [m ³ /h]	Max [Pa]
38-102	MPV-122-3	0,12	0,4	2.800	175	280
38-103	MPV-122-1	0,12	0,95	2.800	175	280
38-106	MPV 202-3	0,18	0,49	2.750	1.080	470
38-108	LPV 254-3	0,12	0,42	1.370	1.080	160
38-110	MPV 252-3	0,37	0,87	2.820	2.100	750
38-112	LPV 284-3	0,18	0,58	1.370	1.500	240
38-114	MPV 282-3	0,75	1,66	2.820	3.360	1.100
38-116	LPV 314-3	0,25	0,8	1.400	2.100	290
38-118	MPV 312-3	1,5	3,15	2.850	4.260	1.320
38-120	LPV 354-3	0,37	1,13	1.400	3.000	380
38-122	MPV 352-3	2,2	4,4	2.870	6.720	1.700
38-125	MPV-402-3	4	7,2	2.850	9.000	2.050
38-126	LPV 404-3	0,55	1,75	1.420	4.260	520
38-128	MPV-452-3	5,5	9,8	2.850	12.000	2.550
38-132	LPV 454-3	1,1	2,6	1.420	6.000	650

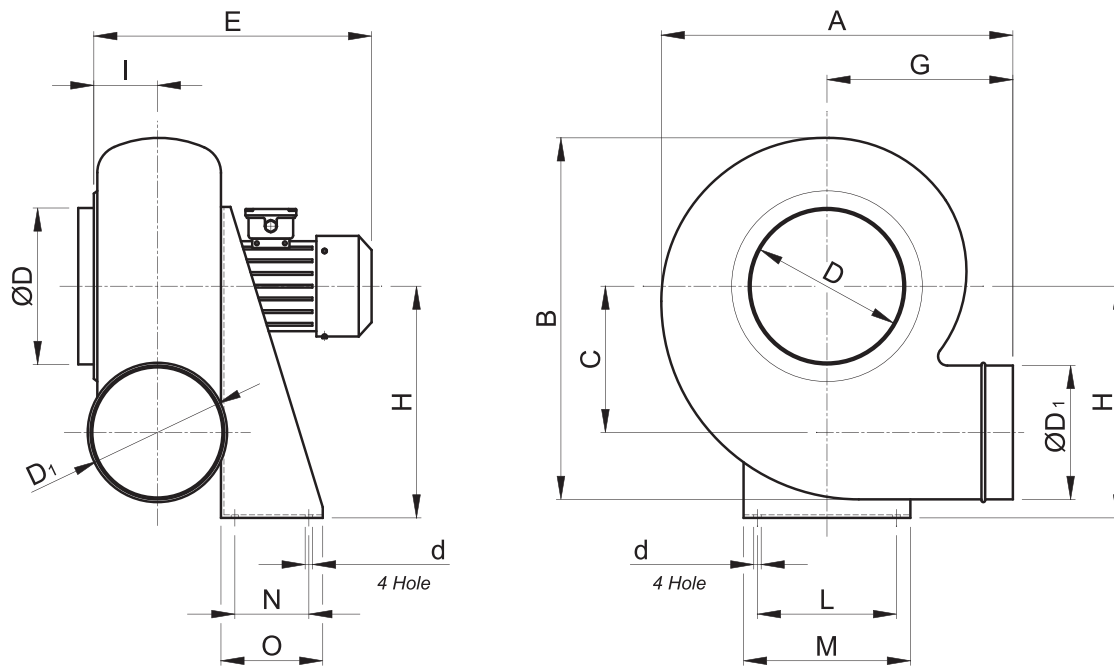
Plastic fans are available in 1-phase versions and ATEX versions (zone 2/22). Enquire for prices. They can also be used with frequency converters. Ask for prices.

Other sizes and types of plastic fans can be supplied on request.

Pressure drop for plastic fans



Dimensions, plastic fans



Dimensions, plastic fans

	rpm	kW	A	B	C	E	G	H	I	D	ØD ₁	L	M	N	O	d	kg	dB(A)
MPV 202	2.750	0,18	373	400	140	355	193	250	80	160	160	200	235	100	140	11	9	65
MPV 252	2.800	0,37	453	500	173	405	225	310	92,5	200	200	255	290	100	140	11	13	72
MPV 282	2.850	0,75	485	560	208	435	260	350	97,5	225	225	280	316	120	190	11	19	75
MPV 312	2.850	1,5	560	640	240	490	280	410	100	250	250	320	355	150	230	11	26	78
MPV 352	2.870	2,2	597	715	260	527	285	445	118,5	280	280	355	390	150	230	11	32	80
MPV 402	2.850	4	675	835	290	582	319	495	126	315	315	325	365	240	315	11	57	81
MPV 452	2.850	5,5	750	880	324	702	350	550	143,5	355	355	370	410	270	340	11	75	81
LPV 254	1.370	0,12	453	500	173	375	225	310	92,5	200	200	225	290	100	140	11	10	56
LPV 284	1.370	0,18	515	560	208	385	260	350	97,5	225	225	280	316	120	190	11	14	59
LPV 314	1.400	0,25	560	640	240	420	280	410	100	250	250	320	355	150	230	11	19	62
LPV 354	1.400	0,37	597	715	260	457	285	445	118,5	280	280	355	390	150	230	11	23	64
LPV 404	1.410	0,55	675	790	290	492	319	495	126	315	315	324	365	170	250	11	33	67
LPV 454	1.410	1,1	750	880	324	577	350	550	143,5	355	355	370	410	170	250	11	40	67

Special variants on request.

Wood dust extraction WE-55



WE55 is a central vacuum unit, perfectly suited for schools. WE55 can be used as vacuum cleaner as well as transport of particles.

With a capacity of 5.5 kW (1.800 m³/h – 8.000 Pa) it ensures a clean and healthy working environment without any air particles in the room.

The control unit has the possibility for automatically start/stop and filter shake at shut down.

The bin sensor stops the unit as soon as the bag is full.

Please do not hesitate to contact us.

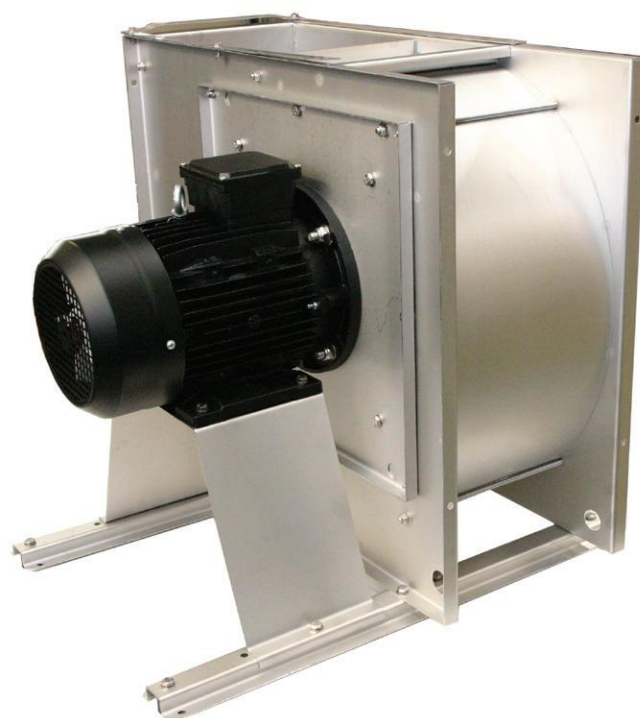


Art. No.	Description	[kW]	[A]	Max [m ³ /h]	Max [Pa]
03-750	GeoJet WE-55 unit	5,5kW	11,5A	1800m3/h	8000Pa

Stainless steel fan

Our fans can be delivered in stainless steel on request - AISI 316L.

We offer different versions with a large selection of motors. The stainless steel versions are available in standard or ATEX.



LSX / MSX – ATEX fan with forward curved scirocco impeller. Zone 1 – Not to be used with frequency inverter!

ATEX
Compliant



Art. No.	Description	[kW]	[A]	Max [m³/h]	Max[Pa]
37-010	LSX-146-3	0,25	0,90	700	160
37-020	MSX-146-3	0,50	1,30	900	620
37-030	LSX-180-3	0,25	0,90	1080	230
37-040	MSX-180-3	0,50	1,30	1670	950
37-050	LSX-200-3	0,55	1,50	1500	320
37-060	MSX-200-3	1,10	2,60	2100	1450
37-070	LSX-225-3	1,35	3,20	3200	450
37-080	MSX-225-3	1,85	4,00	2450	1500
37-090	LSX-250-3	2,00	4,20	3150	470
37-100	MSX-250-3	3,30	6,60	3160	1800

Please state required zone when ordering

LSX / MSX – ATEX fan with forward curved scirocco impeller. Zone 2 og 22 – Can be used with frequency inverter

Varenr.	Betegnelse	[kW]	[A]	Max [m³/h]	Max[Pa]
37-010NA	LSX-146-3 - Zone 2/22	0,25	0,75	700	160
37-020NA	MSX-146-3 - Zone 2/22	0,55	1,28	900	620
37-030NA	LSX-180-3 - Zone 2/22	0,25	0,75	1080	230
37-040NA	MSX-180-3 - Zone 2/22	0,55	1,28	1670	950
37-050NA	LSX-200-3 - Zone 2/22	0,55	1,44	1500	320
37-060NA	MSX-200-3 - Zone 2/22	1,10	2,42	2100	1450
37-070NA	LSX-225-3 - Zone 2/22	1,50	3,25	3200	450
37-080NA	MSX-225-3 - Zone 2/22	2,20	4,00	2450	1500
37-090NA	LSX-250-3 - Zone 2/22	2,20	4,60	3150	470
37-100NA	MSX-250-3 - Zone 2/22	4,00	7,85	3160	1800

LSX / MSX – ATEX ventilator med egnet til hastighedsregulering. Zone 1 – Can be used with frequency inverter

Varenr.	Betegnelse	[kW]	[A]	Max [m³/h]	Max[Pa]
37-010DE	LSX-146-3 - Zone 1	0,25	0,85	700	160
37-020DE	MSX-146-3 - Zone 1	0,55	1,40	900	620
37-030DE	LSX-180-3 - Zone 1	0,25	0,85	1080	230
37-040DE	MSX-180-3 - Zone 1	0,55	1,40	1670	950
37-050DE	LSX-200-3 - Zone 1	0,55	1,60	1500	320
37-060DE	MSX-200-3 - Zone 1	1,10	2,45	2100	1450
37-070DE	LSX-225-3 - Zone 1	1,35	3,54	3200	450
37-080DE	MSX-225-3 - Zone 1	2,20	5,00	2450	1500
37-090DE	LSX-250-3 - Zone 1	2,00	4,20	3150	470
37-100DE	MSX-250-3 - Zone 1	4,00	8,00	3160	1800

*Ask for price

LEX / MEX – ATEX fan with backward curved impeller. Zone 1 – Not to be used with frequency inverter!

ATEX
Compliant



Art. No.	Description	[kW]	[A]	Max [m³/h]	Max[Pa]
37-510	LEX-250-3	0,25	0,90	700	230
37-520	MEX-250-3	0,37	1,08	1.080	1.200
37-530	LEX-315-3	0,25	0,90	1.450	360
37-540	MEX-315-3	0,75	1,80	2.850	1.330
37-550	LEX-355-3	0,25	0,90	2.250	425
37-560	MEX-355-3	1,85	4,00	4.350	1.550
37-570	LEX-400-3	0,37	1,08	3.500	500
37-580	MEX-400-3	4,10	8,10	6.300	2.150
37-590	LEX-450-3	0,75	1,90	4.700	700
37-591	MEX-450-3	5,50	10,40	9.000	2.600
37-592	MEX-500-3	7,50	13,70	11.400	3.350
37-595	LEX-560-3	3,60	8,10	8.100	1.000
37-596	MEX-560-3	18,50	33,00	18.000	4.500
37-593	LEX-630-3	3,60	8,10	8.100	1.600

Please state required Zone when ordering

LEX / MEX – ATEX fan with backward curved impeller. Zone 2 – Can be used with frequency

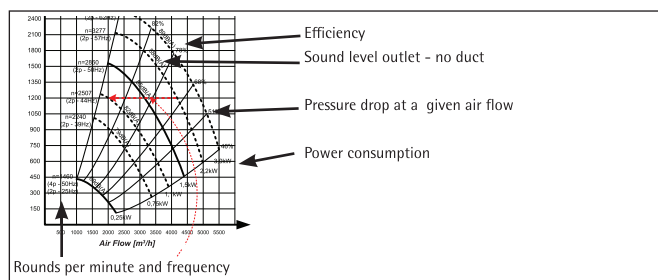
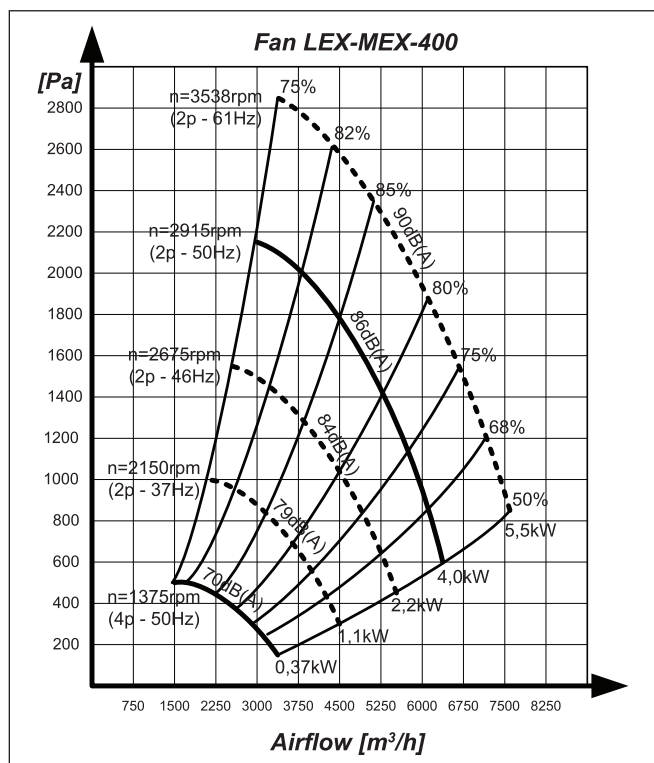
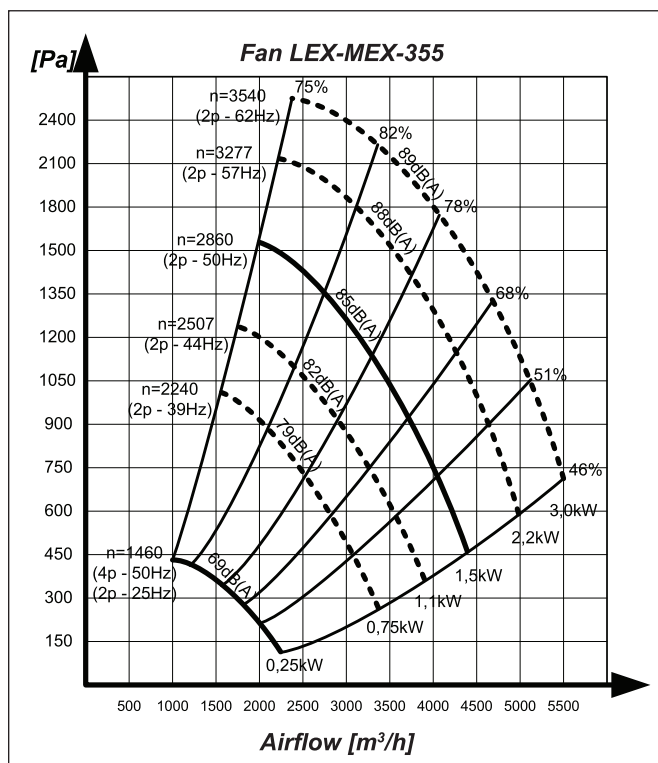
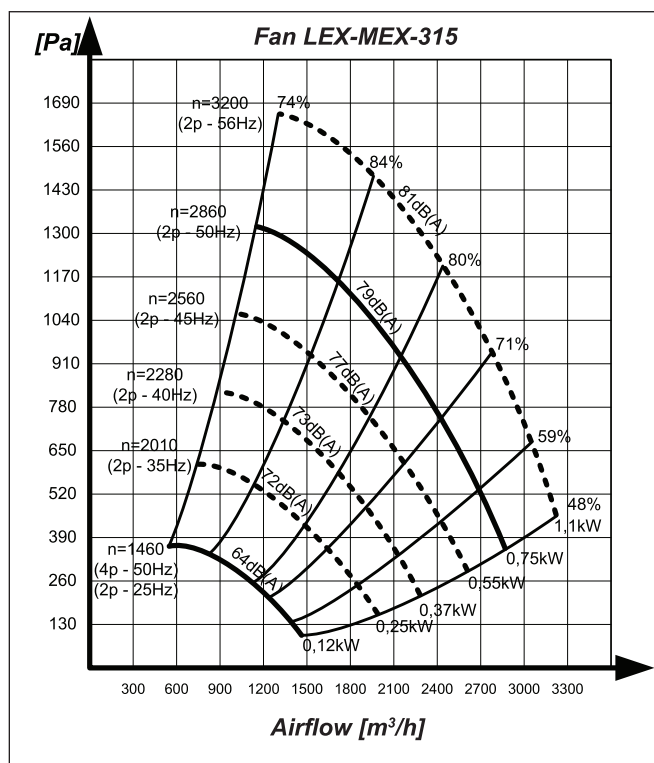
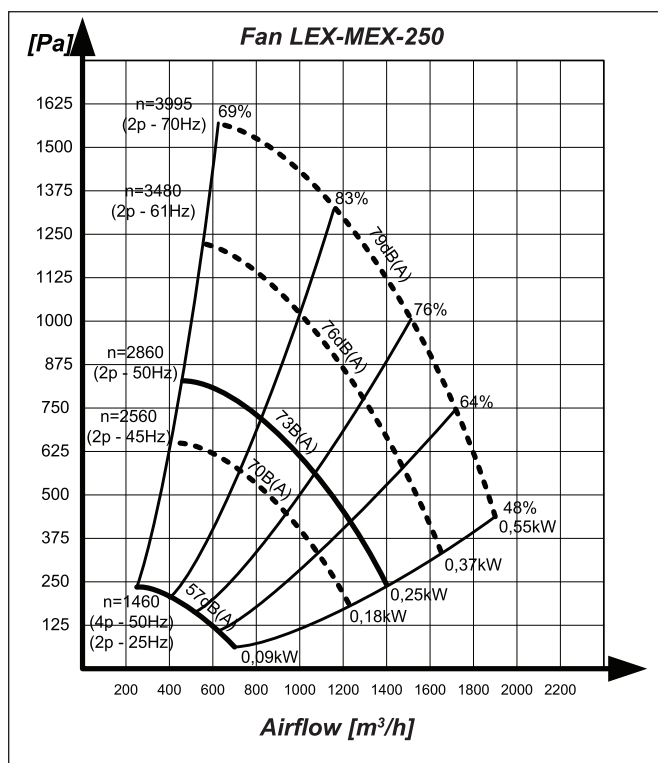
Art. No.	Description	[kW]	[A]	Max [m³/h]	Max[Pa]
37-510NA	LEX-250-3 - Zone 2/22	0,25	0,75	700	230
37-520NA	MEX-250-3 - Zone 2/22	0,37	0,90	1.080	1.200
37-530NA	LEX-315-3 - Zone 2/22	0,25	0,75	1.450	360
37-540NA	MEX-315-3 - Zone 2/22	0,75	1,70	2.850	1.330
37-550NA	LEX-355-3 - Zone 2/22	0,25	0,75	2.250	425
37-560NA	MEX-355-3 - Zone 2/22	1,85	3,20	4.350	1.550
37-570NA	LEX-400-3 - Zone 2/22	0,37	1,44	3.500	500
37-580NA	MEX-400-3 - Zone 2/22	4,00	7,50	6.300	2.150
37-590NA	LEX-450-3 - Zone 2/22	0,75	1,86	4.700	700
37-591NA	MEX-450-3 - Zone 2/22	5,50	9,85	9.000	2.600
37-592NA	MEX-500-3 - Zone 2/22	7,50	13,40	11.400	3.350
37-595NA	LEX-560-3 - Zone 2/22	4,00	8,40	8.100	1.000
37-596NA	MEX-560-3 - Zone 2/22	18,50	31,50	18.000	4.500

LEX / MEX – ATEX fan with backward curved impeller. Zone 1 – Can be used with frequency

Art. No.	Description	[kW]	[A]	Max [m³/h]	Max[Pa]
37-510DE	LEX-250-3 - Zone 1	0,25	0,75	700	230
37-520DE	MEX-250-3 - Zone 1	0,37	1,08	1.080	1.200
37-530DE	LEX-315-3 - Zone 1	0,25	0,90	1.450	360
37-540DE	MEX-315-3 - Zone 1	0,75	1,85	2.850	1.330
37-550DE	LEX-355-3 - Zone 1	0,25	0,90	2.250	425
37-560DE	MEX-355-3 - Zone 1	1,50	3,40	4.350	1.550
37-570DE	LEX-400-3 - Zone 1	0,37	1,60	3.500	500
37-580DE	MEX-400-3 - Zone 1	4,00	8,00	6.300	2.150
37-590DE	LEX-450-3 - Zone 1	0,75	1,90	4.700	700
37-591DE	MEX-450-3 - Zone 1	5,50	10,84	9.000	2.600
37-592DE	MEX-500-3 - Zone 1	7,50	14,30	11.400	3.350
37-595DE	LEX-560-3 - Zone 1	4,00	8,10	8.100	1.000
37-596DE	MEX-560-3 - Zone 1	18,50	33,00	18.000	4.500
37-593DE	LEX-630-3 - Zone 1	4,00	7,85	8.100	1.600

*Ask for price

Pressure drop curves for ATEX fan LEX/MEX 250 to 400

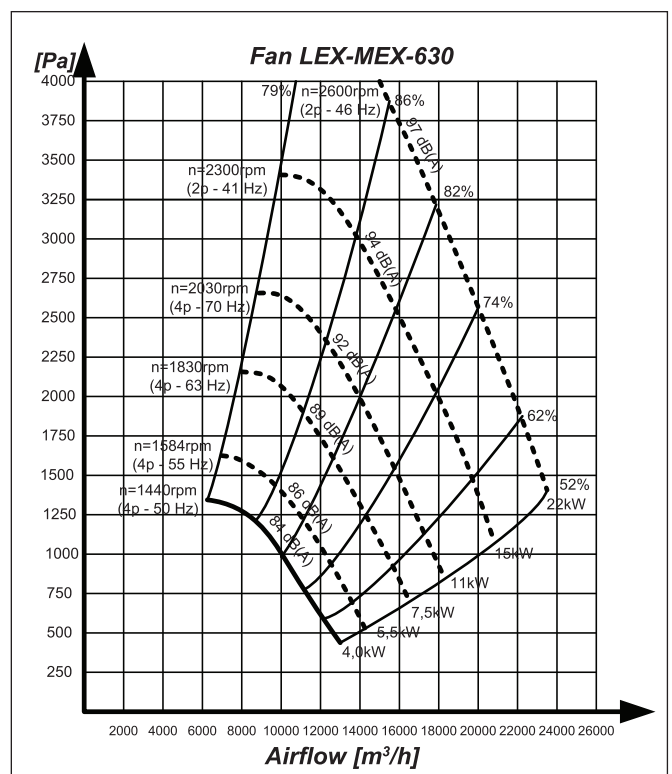
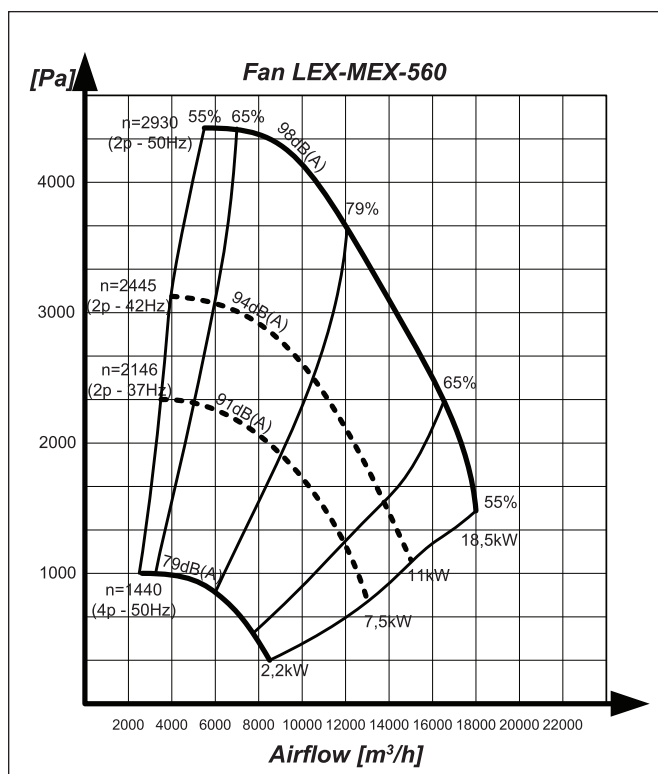
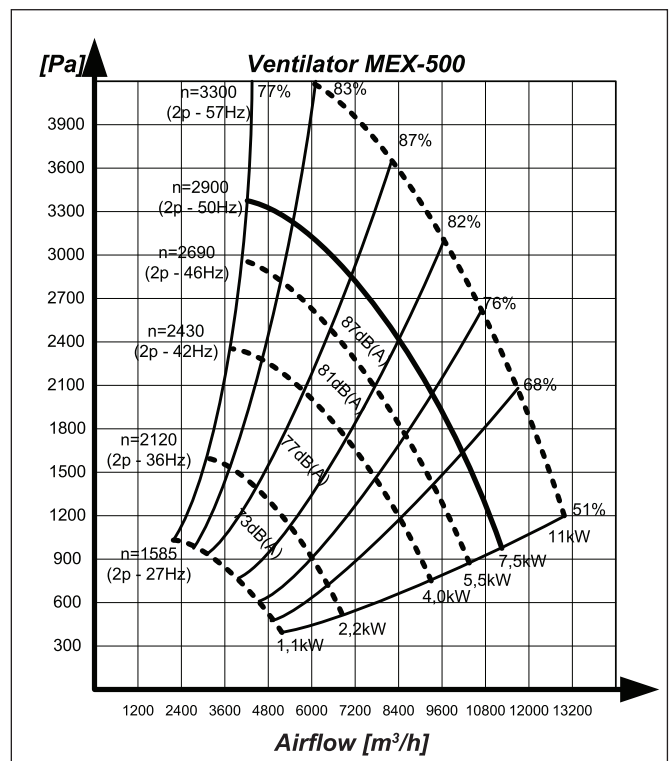
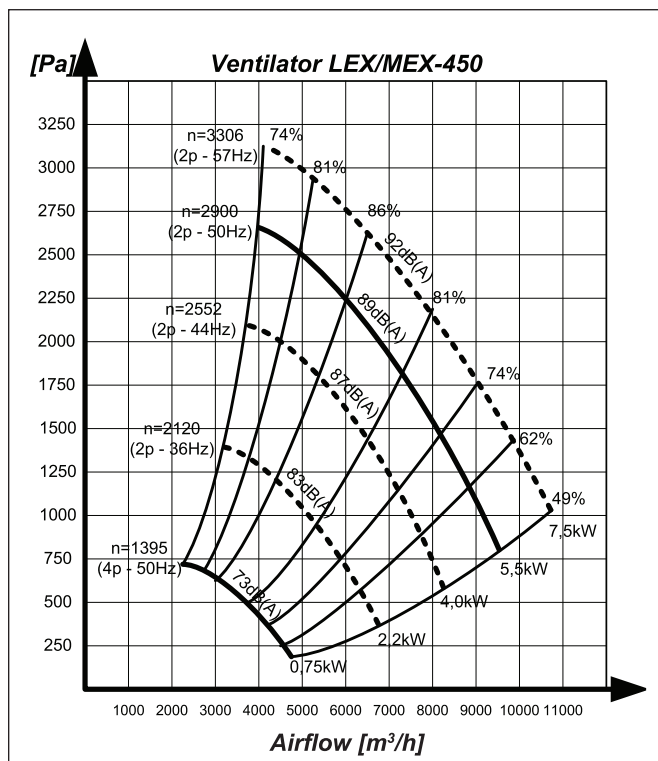


Dashed line = Requires special adjustable motor:

EX II2G Ex de IIC T4

Contact Geovent for further information

Pressure drop curves for ATEX fan LEX/MEX 450 to 630



Fan MHFX 400 to 500 - With closed B-impeller

Art. No. Description

37-650	MHFX-400-3 1,1kw 3x400V
37-651	MHFX-500-3 4,1kw 3x400V

Plastic fan. with backward curved impeller. Zone 1



Art. No.	Description	[kW]	[A]	Max [m³/h]	Max [Pa]
38-103X	MPX-122-1	0,12	0,38	190	210
38-106X	MPX-202-3	0,18	0,50	1080	470
38-108X	LPX-254-3	0,12	0,54	1080	160
38-110X	MPX-252-3	0,37	1,00	2100	750
38-112X	LPX-284-3	0,18	0,64	1500	240
38-114X	MPX-282-3	0,75	1,80	3360	1100
38-116X	LPX-314-3	0,25	1,00	2100	290
38-118X	MPX-312-3	1,50	3,40	4260	1320
38-120X	LPX-354-3	0,37	1,30	3000	380
38-122X	MPX-352-3	2,20	4,80	6720	1700
38-126X	LPX-404-3	0,55	1,50	4260	520
38-125X	MPX-402-3	4,00	8,40	9000	2050
38-134X	LPX-454-3	1,10	2,80	6000	650
38-128X	MPX-452-3	5,50	11,40	12000	2550

Accessories for frequency inverter operation



Art. No. Description

19-287	Thermistor relay use between ATEX motor and frequency inverter
--------	--

Pressure drop LSX/MSX 146 to 250

