

Series AANM01

Medium pressure axial fan,
direct driven

Fan size range:

DN 315 - DN 1120

Application:

For ventilation up to max. 40°C
constant temperature

Technical data: (50Hz)

$q_v = 1.000 - 130.000 \text{ m}^3/\text{h}$

$p_r = 100 - 1.200 \text{ Pa}$

$P_e = 0,18 - 45,0 \text{ kW}$

Medium pressure axial fan, direct driven. Suitable for ventilation up to 40°C constant temperature.

Consisting of:

Casing of sheet-steel with rolled flanges on both sides and with welded motor casing incl. downstream guide vanes. Optimal surface protection by powder coating RAL 7015.

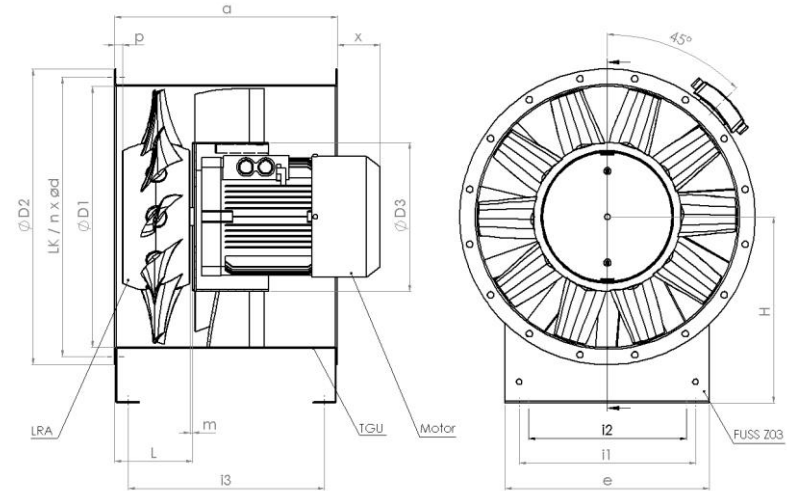
Impeller with corrosion-resistant hub and easy-to-assemble shaft / hub connection. Infinitely adjustable when at rest, aerofoil section blades made of tensile aluminum cast alloy. Dynamically balanced according to DIN ISO 1940-1, balance quality G 6.3 < 4.0 mm/s for flexible subassembly .

Three-phase alternating current motor / IEC - standard motor up to size 132 type B14, bigger sizes in type B5, protection type IP 55 / insulation class F. Motor power selected for cold start-up at 20°C. PVC control line, radially designed. Electrical wiring at clamping box at the outside.

Accuracy class 2 acc. to DIN 24 166

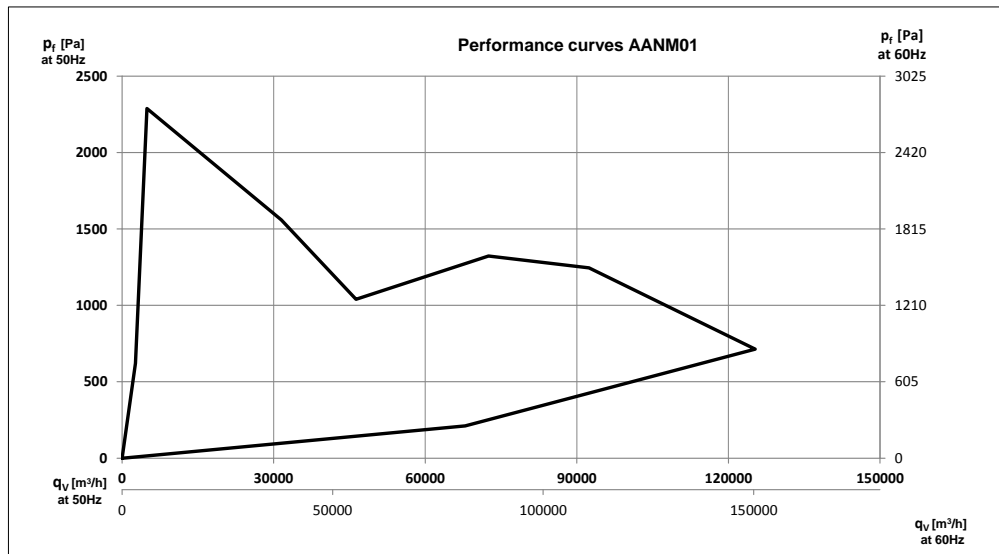
Tolerances acc. to DIN 2768

Performance tests acc. to ISO 5801.



Installation on rubber-anti-vibration mounts
x valid for AC-Motoren

DN	315	355	400	450	500	560	630	710	800	900	1000	1120
D1 (inwards)	317	357	402	452	502	562	632	713	804	905	1005	1128
D2	381	415	471	519	570	636	719	799	897	997	1097	1216
D3 (outwards)	180	200	224	259	284	320	360	400	448	540	540	540
k x n x d	356 x 12 x 11,5	395 x 12 x 11,5	438 x 12 x 9,5	486 x 12 x 9,5	541 x 12 x 9,5	605 x 16 x 11,5	674 x 16 x 11,5	751 x 16 x 11,5	841 x 16 x 14	945 x 16 x 14	1045 x 16 x 14	1175 x 20 x 14
a	240	303	303	378	378	480	555	555	585	675	675	810
p	15	15	15	15	20	20	20	30	30	40	40	40
m	3	3	3	3	3	3	3	3	3	3	3	3
L1	100	109	119	132	152	168	187	215	237	271	271	271
e	293	317	351	395	438	440	526	688	760	840	930	885
i1	250	270	300	324	360	380	462	546	610	660	730	760
i2	...	...	...	...	...	...	370	426	400	500	500	500
i3	186	249	249	323	323	425	499	484	512	602	602	702
H	230	261	284	309	334	400	435	495	540	590	642	706
x max.	125	120	170	155	220	135	185	290	340	325	325	190
Motor size	71-80	71-90	71-100	71-112	80-132	90-132	90-160	100-180	100-200	132-225	132-225	132-225
Weight in kg	16-22	20-31	24-43	29-55	39-82	56-92	69-148	101-206	137-299	173-537	233-565	285-615



Dimensions and design subject to alteration

* fan incl. Motor weight (depending on motor size)
all dimensions in mm



Series AANM01

Medium pressure axial fan,
direct driven

Fan size range:

DN 1250 - DN 1600

Application:

For ventilation up to max. 40°C
constant temperature

Technical data: (50Hz)

q_v = up to 160.000 m³/h

p_r = up to 2900 Pa

P_e = 15 – 90 kW

Medium pressure axial fan, direct driven. Suitable for ventilation up to 40°C constant temperature.

Consisting of:

Casing of sheet-steel with rolled flanges on both sides and with welded motor casing incl. downstream guide vanes. Optimal surface protection by powder coating RAL 7015.

Impeller with corrosion-resistant hub and easy-to-assemble shaft / hub connection with taper lock bush.

Infinitely adjustable when at rest, aerofoil section blades made of high-strength hollow profiled blades of sheet steel

With rotary hub covering

Dynamically balanced according to DIN ISO 1940-1, balance quality G 6.3 < 4.0 mm/s for flexible subassembly .

Three-phase alternating current motor / IEC - standard motor in B5 mounting, protection type IP 55 / insulation class F or H.

Motor power selected for cold start-up at 20°C.

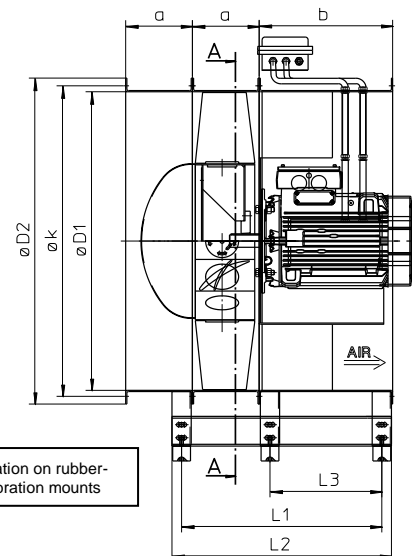
PVC control line, radially designed.

Electrical wiring at clamping box at the outside.

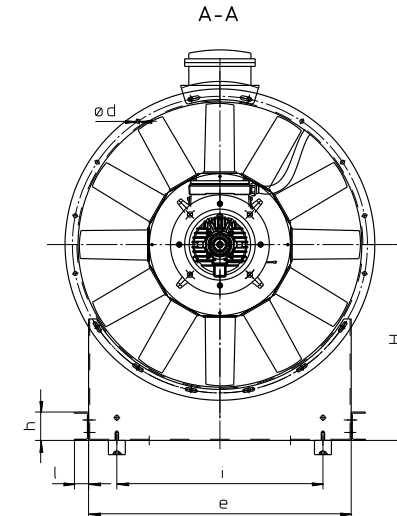
Accuracy class 2 acc. to DIN 24 166

Tolerances acc. to DIN 2768

Performance tests acc. to ISO 5801



Installation on rubber-
anti-vibration mounts



DN	1250	1400	1600
D1	1258	1410	1610
D2	1370	1530	1742
k x n x d	1311 x 20 x 14	1469 x 24 x 14	1665 x 24 x 14
L1	810	1000	1200
L2	890	1080	1320
L3	51	53	65
i	786	768	867
e	986	1008	1067
a	270	330	400
b	540	660	800
H	790	900	1000
l	55	55	55
h	120	120	120
weight in kg	800 - 1250	900 - 1250	950 - 1250
Max motor size	280	280	280

Dimensions and design subject to alteration

* fan incl. Motor weight (depending on motor size)
all dimensions in mm

