SUPER VENT AXIAL FAN SV-A1 PRODUCT BULLETIN PRODUCTS CATALOGUE



SUPER VENT

AXIAL FANS

Super vent Axial fans offer the highest efficiency and are used in commercial and industrial applications where large volumes of air are required at moderate to high pressures. They are also an excellent choice in specialized HVAC and clean room applications.

GENERAL DESCRIPTION

The LDA Axial fans were developed for various applications, such as the HVAC sector, where first cost is an important consideration. The LDA impeller range with pressure die cast aluminium blades includes six sizes from Dia 400 to Dia 1250mm



CONSTRUCTION

Casings are rolled, flanged and punched on our automatic spinning machine. Components are fully welded and powder coated to withstand outdoor weather conditions, upon special request it can be hot dip galvanized to SANS 121 (ISO 1461) after manufacturing tolerances. Equipment is manufactured to AN3 tolerance, if required it can be manufactured to AN1 and AN2 manufacturing tolerance.

| Parameter | | Toleran | Additional | | |
|------------------|-----|---------|------------|------|---------------------------------|
| | AN1 | AN2 | AN3 | AN4 | information |
| Volume flow rate | ±1% | ±2.5% | ±5% | ±10% | |
| Fan pressure | ±1% | ±2.5% | ±5% | ±10% | |
| Power | +2% | +3% | +8% | +16% | Negative deviations permissible |
| Efficiency | -1% | -2% | -5% | -12% | Positive deviations permissible |





IMPELLERS

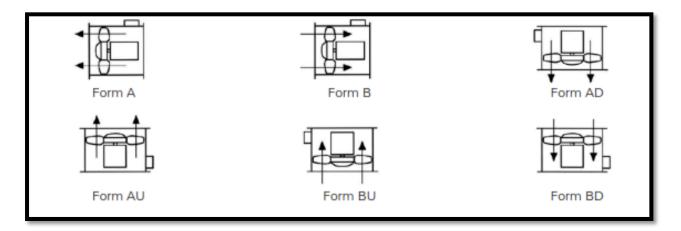
The impellers have adjustable pitch type blades and can be supplied in various formats to suit your installation type, namely, cased axials for ducted systems, or other industrial applications where the motor should be kept out of the airstream, plate axials for partition type installations, portable man coolers four mobile cooling requirements and roof units for through the roof installation.

MOTORS:

A wide range of electric motors is out sourced to suit customer requirements. In Special applications fans can be fitted with compressed air driven motors or internal combustion engines.

Forms of running:

As standard the motor is downstream (Form B). This gives the lowest sound level and the maximum cooling of the motor is achieved. If arrangement A is used the Nosie level from the selection charts should be increased by 5 dBA.



BALANCING

Balancing of rotating parts is carried out in accordance to ISO 14694 & ISO 1940-1 to well within balance quantity grade G6.3, applicable to fan application category BV-3.

VIBRATION:

Vibration levels are tested at our works to the following limits. For those applications where variable frequency drives are used for control. Supervent Axial Fans offers coast down





vibration level testing to ensure smooth operation across the full speed spectrum of the equipment.

Vibration Level Limits

| Fan Application Category | Rigidly M | lounted mm/s | Flexibly Mounted mm/s | | | |
|--------------------------|-----------|--------------|-----------------------|-------|--|--|
| | Peak | r.m.s | Peak | r.m.s | | |
| BV-3 | 3.8 | 2.8 | 5.1 | 3.5 | | |

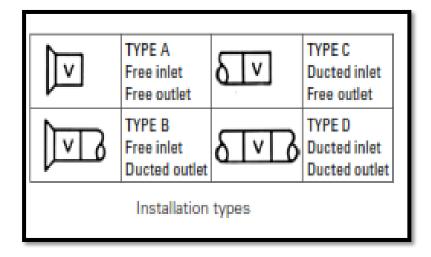
TEMPERATURE LIMITATIONS:

| Fan Type | Minimum Temperature | Maximum Temperature |
|------------------------|---------------------|---------------------|
| | (°C) | (°C) |
| Standard Direct driven | -29 | 55 |
| Cased Axial Fans | | |

PERFORMANCE CURVES & INSTALLATION TYPE:

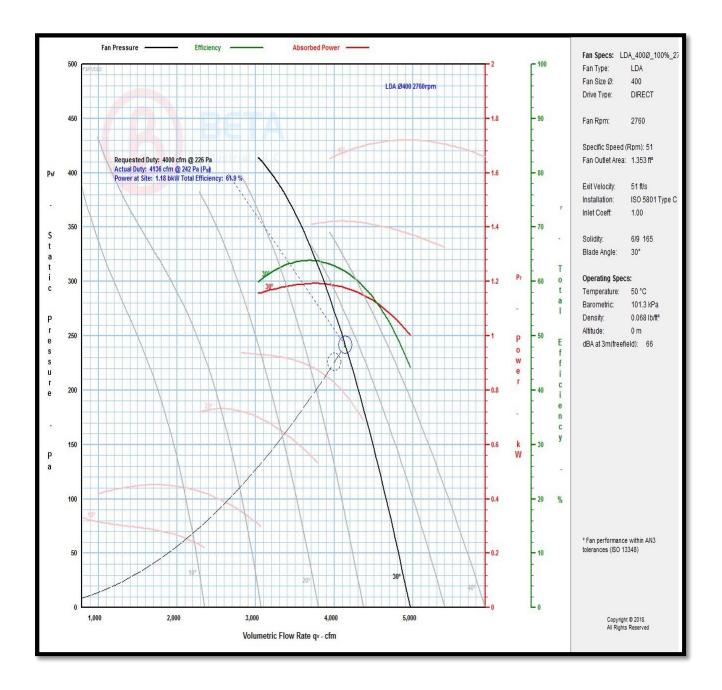
These fans have been fully tested in accordance with the international Test Standard **ISO 58901** ideal laboratory conditions.

The performance charts are based on the standard installation type D: duct





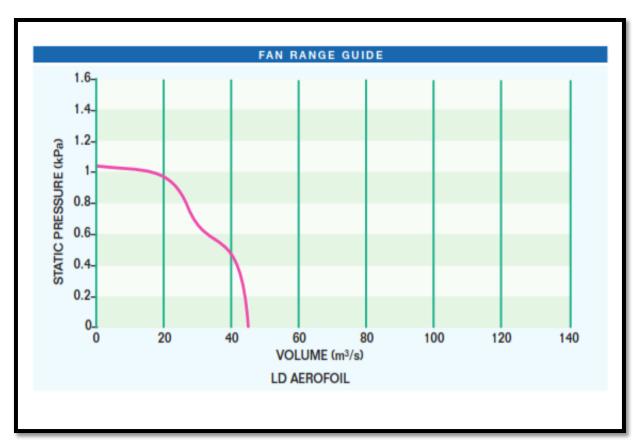
Software Sample Selection







PERFORMANCE CURVE



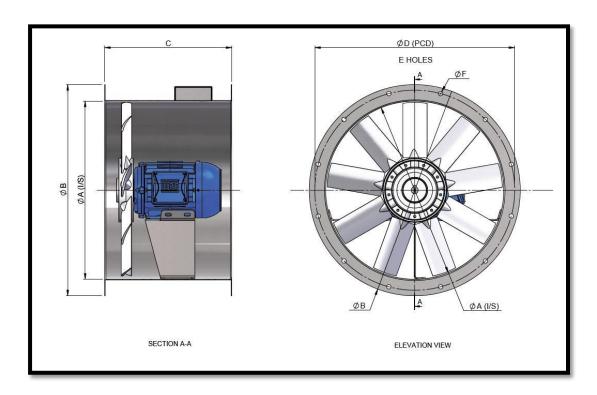
APPLICABLE STANDARDS:

| ISO 5801 | Industrial fans-Performance testing using standardized airways |
|-------------|--|
| ISO 5802 | Industrial fans-Performance testing in situ |
| ISO 12499 | Industrial fans-Mechanical safety of fans- Guarding |
| EN14461 | Industrial fans- Safety requirements. |
| ISO 14694 | Industrial Fans- Specification for balance quantity and vibration levels |
| ISO 10816-1 | $\label{lem:mechanical} \begin{tabular}{ll} Mechanical vibration-Evaluation of machine vibration by measurement of non-rotating parts-Part1- General Guidelines. \end{tabular}$ |
| ISO 10816-3 | Mechanical vibration- Evaluation of machine vibration by measurement of non-rotating parts-Part3-industrial machines with nominal power above 15kW and nominal speeds between 120r/min and 15000 r/min when measured in situ |
| ISO 1940 | Balance Quality of rigid bodies |
| ISO13349 | Fans-Vocabulary and definitions of categories |
| ISO13348 | Fans-Tolerances, methods of conversion and technical data presentation. |
| EN 14986 | Design of fans works in potentially explosive atmosphere. |
| ISO 12759 | Fans-Efficiency classifications of fan |





SUPER VENT AXIAL FAN INFORMATION TABLE



| FAN SIZE | MOTOR FRAME | POWER | NO. OF POLES | FAN I/D | FLANGE O/D | LENGTH (LONG) | FLANGE PCD | NO OF HOLES | FLANGE HOLE Ø | NO OF BLADES | WEIGHT |
|-------------|----------------|--------------|--------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | Е | F (mm) | | KG |
| | | 0.25 | 4 | | | | | | | | |
| | 71 | 0.37 | 2 | | | | | | | | ±26 |
| | / 1 | 0.37 | 4 | | | | | | | | 120 |
| | | 0.55 | 2 | | | | | | | | |
| | | 0.25 | 6 | | | | | | | | |
| | | 0.37 | 6 | | | | | | | 3 BLADE S/ 6 | |
| | 80 | 0.55 | 4 | | | | | | | | . 21 |
| | | 0.55 0.75 | 6 2 | | | | | | | | ±31 |
| | | 0.75 | 4 | | | | | | | | |
| φ400 | | 1.1 | 2 | 400 | 484 | 400 | 450 | 8 | 12 | BLADE | |
| Ψ100 | | 0.75 | 6 | 100 | 101 | 100 | 130 | | 12 | S/ | |
| | 90S | 1.1 | 4 | | | | | | | 9 | ±34 |
| | 700 | 1.5 | 2 | | | | | | | BLADE | _51 |
| | | 1.1 | 6 | | | | | | | S | |
| | 90L | 1.5 | 4 | | | | | | | | ±36 |
| | | 2.2 | 2 | | | | | | | | |
| | | 1.5 | 6 | | | | | | | | |
| | 100L | 2.2 | 4 | | | | | | | | ±49 |
| | | 3 | 2 | | | | | | | | ±17 |
| | | 3 | 4 | | | | | | | | |



| FAN SIZE | MOTOR FRAME | POWER | NO. OF POLES | FAN I/D | FLANGE O/D | LENGTH (LONG) | FLANGE PCD | NO OF HOLES | FLANGE HOLE Ø | NO OF BLADES | WEIGHT |
|-------------|----------------|--------------|-----------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | E | F (mm) | | KG |
| | | 0.25 | 4 | | | | | | | | |
| | 71 | 0.37 | 2 | | | | | | | | ±26 |
| | | 0.37 | 4 | | | | | | | | |
| | | 0.55 | 2 | | | | | | | | |
| | | 0.25 0.37 | 6 | | | | | | | | |
| | | 0.55 | 4 | | | | | | | | |
| | 80 | 0.55 | 6 | | | | | | | | ±31 |
| | 00 | 0.75 | 2 | | | | | | | | _01 |
| | | 0.75 | 4 | | | | | | | | |
| φ450 | | 1.1 | 2 | 450 | 554 | 400 | 497 | 12 | 12 | 3/6/9 | |
| | | 0.75 | 6 | | | | | | | , , | |
| | 90S | 1.1 | 4 | | | | | | | | ±34 |
| | | 1.5 | 2 | | | | | | | | |
| | | 1.1 | 6 | | | | | | | | |
| | 90L | 1.5 | 4 | | | | | | | | ±36 |
| | | 2.2 | 2 | | | | | | | | |
| | | 1.5 2.2 | 6 | | | | | | | | |
| | 100L | 3 | 2 | | | | | | | | ±49 |
| | | 3 | 4 | | | | | | | | |

| FAN SIZE | MOTOR FRAME | POWER | NO. OF POLES | FAN I/D | FLANGE O/D | LENGTH (LONG) | FLANGE PCD | NO OF HOLES | FLANGE HOLE Ø | NO OF BLADES | WEIGHT |
|-------------|----------------|--------------|-----------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | E | F (mm) | | KG |
| | | 0.25 | 4 | | | | | | | | |
| | 71 | 0.37 | 2 | | | | | | | | ±34 |
| | / 1 | 0.37 | 4 | | | | | | | | ±54 |
| | | 0.55 | 2 | | | | | | | | |
| | | 0.25 | 6 | | | | | | | | |
| | | 0.37 | 6 | | | | | | | | |
| | 00 | 0.55 | 4 | | | | | | | | . 20 |
| | 80 | 0.55 | 6 2 | - | | 400 | | | | | ±39 |
| | | 0.75 0.75 | 4 | | | | | | | | |
| | | 1.1 | 2 | | | | | | | | |
| φ500 | | 0.75 | 6 | 500 | 604 | 100 | 551 | 12 | 12 | 3/6/9/ | |
| φοσσ | 90S | 1.1 | 4 | 000 | 001 | | 001 | | | 12 | ±42 |
| | | 1.5 | 2 | | | | | | | | |
| | | 1.1 | 6 | | | | | | | | |
| | 90L | 1.5 | 4 | | | | | | | | ±44 |
| | | 2.2 | 2 | | | | | | | | |
| | | 1.5 | 6 | | | | | | | | |
| | 100L | 2.2 | 4 | | | | | | | | ±57 |
| | 1001 | 3 | 2 | | | | | | | | ±57 |
| | | 3 | 4 | | | | | | | | |
| | 112M | 2.2 | 6 2 | | | 500 | | | | | ±60 |



| | 4 | 4 | | | | |
|------|-----|---|--|--|--|-----|
| | 3 | 6 | | | | |
| 1220 | 5.5 | 2 | | | | .03 |
| 132S | 5.5 | 4 | | | | ±92 |
| | 7.5 | 2 | | | | |
| | 4 | 6 | | | | |
| | 5.5 | 6 | | | | |
| 132M | 7.5 | 4 | | | | ±97 |
| | 9.2 | 2 | | | | |
| | 9.2 | 4 | | | | |

| FAN SIZE | MOTOR FRAME | POWER | NO. OF POLES | FAN I/D | FLANGE O/D | LENGTH (LONG) | FLANGE PCD | NO OF HOLES | FLANGE HOLE Ø | NO OF BLADES | WEIGHT |
|-------------|----------------|--------------|-----------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | Е | F (mm) | | KG |
| | | 0.25 | 4 | | | | | | | | |
| | 71 | 0.37 | 2 | | | | | | | | ±41 |
| | / 1 | 0.37 | 4 | | | | | | | | ± 11 |
| | | 0.55 | 2 | | | | | | | | |
| | | 0.25 | 6 | | | | | | | | |
| | | 0.37 | 6 | | | | | | | | |
| | 90 | 0.55 0.55 | 4 6 | | | | | | | | 1.46 |
| | 80 | 0.55 | 2 | | | | | | | | ±46 |
| | | 0.75 | 4 | | | | | | | | |
| | | 1.1 | 2 | | | 400 | | | | | |
| | | 0.75 | 6 | | | 100 | | | | | |
| | 90S | 1.1 | 4 | | | | | | | | ±49 |
| | | 1.5 | 2 | | | | | | | | |
| | | 1.1 | 6 | | | | | | | | |
| | 90L | 1.5 | 4 | | | | | | | 2 /6 /0 / | ±51 |
| φ560 | | 2.2 | 2 | 560 | 664 | | 629 | 12 | 14 | 3/6/9/ 12 | |
| | | 1.5 | 6 | | | | | | | 12 | |
| | 100L | 2.2 | 4 | | | | | | | | ±64 |
| | 1002 | 3 | 2 | | | | | | | | _0. |
| | | 3 | 4 | | | | | | | | |
| | 112M | 2.2 | 6 | | | | | | | | 1.67 |
| | 112M | 4 | 2 4 | | | | | | | | ±67 |
| | | 3 | 6 | | | | | | | | |
| | | 5.5 | 2 | | | | | | | | |
| | 132S | 5.5 | 4 | | | | | | | | ±99 |
| | | 7.5 | 2 | | | 500 | | | | | |
| | | 4 | 6 | | | | | | | | |
| | | 5.5 | 6 | - | | | | | | | |
| | 132M | 7.5 | 4 | | | | | | | | ±104 |
| | | 9.2 | 2 | | | | | | | | |
| | | 9.2 | 4 | | | | | | | | |



| No | FAN SIZE | MOTOR FRAME | POWER | NO. OF POLES | FAN I/D | FLANGE O/D | LENGTH (LONG) | FLANGE PCD | NO OF HOLES | FLANGE HOLE Ø | NO OF BLADES | WEIGHT |
|---|-------------|----------------|-------|--------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------|--------|
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | KW | | | B (mm) | C (mm) | D (mm) | Е | F (mm) | | KG |
| φ630 | | | 0.25 | | () | | | | | | | |
| φ630 Φ630 Φ63 | | 71 | 0.37 | 2 | | | | | | | | ±10 |
| | | /1 | | | | | | | | | | 140 |
| 0.37 6 0.55 4 | | | | | | | | | | | | |
| 0.55 | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | |
| 0.75 2 0.75 4 1.1 2 2 0.75 6 6 1.1 4 1.5 2 2 2 2 4 3 2 3 4 4 4 4 4 4 4 4 4 | | | | | | | | | | | | |
| 0.75 | | 80 | | | | | | | | | ±53 | |
| 1.1 2 0.75 6 1.1 4 1.5 2 2 2 2 2 4 3 3 4 4 4 4 4 4 4 | | | | | | | | | | | | |
| φ630 0.75 6 90S 1.1 4 1.5 2 90L 1.5 4 2.2 2 100L 3 2 3 4 2.2 4 3 2 3 4 2.2 6 112M 4 2 4 4 4 3 6 5.5 2 5.5 4 6 7.5 2 4 6 5.5 6 132M 7.5 6 11 2 160M 11 2 11 4 15 2 11 4 4 6 5.5 6 11 2 160M 11 2 11 4 15 2 11 6 | | | | | | | 400 | | | | | |
| 90S 1.1 4 1.5 2 90L 1.5 4 2.2 2 1.15 6 2.2 4 3 2 3 3 4 2.2 6 112M 4 2 4 4 4 3 3 6 132S 5.5 2 5.5 4 7.5 2 4 6 132M 7.5 4 9.2 2 9.2 4 160M 11 2 110M 1 3 110M 1 3 110M 1 3 110M 1 3 110M 1 4 110M 1 4 110M 1 4 110M 1 4 110M 1 5 110M 1 7.5 6 110M 1 7.5 7.5 7.5 6 110M 1 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 | | | | | _ | | | | | | | |
| 1.5 2 1.1 6 1.5 4 2.2 2 2 1.5 6 1.5 6 1.5 4 4 4 4 4 4 4 4 4 | | 000 | | | | | | | | | | . 5.6 |
| φ630 | | 905 | | | | | | | | | | ±56 |
| φ630 | | | | | | | | | | | | |
| φ630 2.2 2 100L 1.5 6 2.2 4 3 2 3 4 2.2 6 112M 4 2 4 4 4 7.5 2 5.5 4 7.5 2 5.5 6 132M 7.5 4 9.2 2 9.2 4 7.5 6 160M 11 2 11 4 15 2 11 6 | | 90L | | | | | | | | | | ±50 |
| φ630 | | | | | | | | | | 14 | | ±30 |
| φ630 | | | | | | | | | | | | |
| φ630 | | | | | | | | | | | | |
| 3 4 630 734 698 12 14 12 12 14 12 14 12 14 12 14 15 2 11 16 15 2 11 16 15 2 11 16 15 2 11 16 15 2 11 16 15 2 11 16 15 2 11 16 15 2 11 16 16 16 16 16 16 | | 100L | | | | | | | 12 | | | ±71 |
| 112M | φ630 | | | | 630 | 734 | | 698 | | | | |
| 112M | | | | | | | | | | | | |
| 132S | | 112M | | | | | | | | | | ±74 |
| 132S | | | | | | | | | | | | |
| 132S 5.5 4 | | | 3 | 6 | | | | | | | | |
| 132M | | 1220 | 5.5 | 2 | | | | | | | | 1106 |
| 132M | | 1323 | | | | | 500 | | | | | ±100 |
| 132M | | | | | | | 300 | | | | | |
| 132M 7.5 4 9.2 2 9.2 4 7.5 6 11 2 11 4 15 2 11 6 | | | | | | | | | | | | |
| 9.2 2 9.2 4 7.5 6 11 2 11 4 15 2 11 6 | | | | | | | | | | | | |
| 9.2 4 7.5 6 11 2 11 4 15 2 11 6 | | 132M | | | | | | | | | | ±111 |
| 160M | | | | | | | | | | | | |
| 160M 11 2 11 4 15 2 11 6 | | | | | | | | | | | | |
| 160M 11 4 15 2 700 11 6 | | | | | | | | | | | | |
| 15 2 11 6 | | 160M | | | | | | | | | | ±149 |
| 11 6 | | 160M | | | | | 700 | | | | | |
| | | | | | | 700 | | | | | | |
| 1 1401 15 1 | | 160L | 11 | | | | | | | | ±168 | |
| | | 100F | | | 4 2 | | | | | | | ±10Ω |





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|-------------|----------------|------------|--------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | E | F (mm) | | KG |
| | | 0.25 | 4 | | | | | | | | |
| | 71 | 0.37 | 2 | | | | | | | | ±54 |
| | / 1 | 0.37 | 4 | | | | | | | | ±37 |
| | | 0.55 | 2 | | | | | | | | |
| | | 0.25 | 6 | | | | | | | | |
| | | 0.37 | 6 | ŀ | | | | | | | |
| | | 0.55 | 4 | | | | | | | | |
| | 80 | 0.55 | 6 | | | | | | | | ±59 |
| | | 0.75 | 2 | | | | | | | | |
| | | 0.75 | 4 | | | 400 | | | | | |
| | | 1.1 | 2 | | | 400 | | | | | |
| | 000 | 0.75 | 6 | | | | | | | | |
| | 90S | 1.1 | 4 | | | | | | | | ±62 |
| | | 1.5 | 2 | | | | | | | | |
| | 90L | 1.1 1.5 | 6 4 | | | | | | | | 164 |
| | 90L | 2.2 | 2 | | | | | | | 3/6/9/ 12 | ±64 |
| | | 1.5 | 6 | - | | | | | | | |
| | | 2.2 | 4 | | | | | | | | |
| | 100L | 3 | 2 | | | | | 16 | 14 | | ±77 |
| φ710 | | 3 | 4 | 710 | 814 | | 775 | | | | |
| | | 2.2 | 6 | | | | | | | | |
| | 112M | 4 | 2 | | | | | | | | ±80 |
| | 11211 | 4 | 4 | | | | | | | | 200 |
| | | 3 | 6 | | | | | | | | |
| | | 5.5 | 2 | | | | | | | | |
| | 132S | 5.5 | 4 | | | 5 00 | | | | | ±112 |
| | | 7.5 | 2 | | | 500 | | | | | |
| | | 4 | 6 | | | | | | | | |
| | | 5.5 | 6 | | | | | | | | |
| | 132M | 7.5 | 4 | | | | | | | | ±117 |
| | | 9.2 | 2 | | | | | | | | |
| | | 9.2 | 4 | | | | | | | | |
| | 160M — | 7.5 | 6 | | | | | | | | |
| | | 11 | 2 | | | | | | | | ±155 |
| | | 11 | 4 | | | | | | | | 1133 |
| | | 15 | 2 | | | 700 | | | | | |
| | | 11 | 6 | | | | | | | | |
| | 160L | 15 4 | <u> </u> | | | | | | | ±174 | |
| | | 18.5 | 2 | | | | | | | | |





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|-------------|----------------|----------|-----------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | Е | F (mm) | | KG |
| | 71 | 0.25 | 4 | | | | | | | | ±80 |
| | /1 | 0.37 | 4 | | | | | | | | ±00 |
| | | 0.25 | 6 | | | | | | | | |
| | | 0.37 | 6 | _ | | | | | | | |
| | 80 | 0.55 | 4 | | | | | | | | ±85 |
| | | 0.55 | 6 | | | | | | | 3/6/9/ 12 | |
| | | 0.75 | 4 | | | | | | | | |
| | 90S | 0.75 | 6 | | | | | | | | ±88 |
| | 90L 1.1 | 1.1 | 4 | | | 500 | | | | | 200 |
| | | | 6 | | | | | | | | ±90 |
| | | 1.5 | 4 | | | | | | | | |
| | | 1.5 | 6 | | | | | | | | |
| φ800 | 100L | 2.2 | 4 | 900 | 924 | | 961 | 16 | 14 | | ±103 |
| • | | 3 | 4 | | | | | | | | |
| | 112M | 2.2 | 6 | | | | | | | | ±106 |
| | | 4 | 4 | | | | | | | | |
| | 132S | 3 | 6 | | | | | | | | ±138 |
| | | 5.5 | 4 | | | | | | | | |
| | | 4 | 6 | | | | | | | | |
| | 132M | 5.5 | 6 | | | | | | | | ±143 |
| | 132M | 7.5 | 4 | | | | | | | | |
| | | 9.2 | 4 | | | | | | | | |
| | 160M - | 7.5 | 6 | | | | | | | | ±181 |
| | | 11 | 4 | | | 700 | | | | | |
| | | 11 15 | 6 4 | | | | | | | | ±200 |





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|-------------|----------------|------------|-----------------|------------|---------------|------------------|---------------|----------------|------------------|-----------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | Е | F (mm) | | KG |
| | | 1.5 | 6 | | | | | | | | |
| | 100L | 2.2 | 4 | 900 | 1026 | 50 | 958 | 16 | 14 | 3/6/9/ 12 | ±133 |
| | | 3 | 4 | | | | | | | | |
| | 112M | 2.2 | 6 | | | | | | | | ±138 |
| | | 4 | 4 | | | | | | | | |
| | 132S 132M | 3 | 6 | | | | | | | | ±168 |
| | | 5.5 | 4 | | | | | | | | |
| | | 4 | 6 | | | | | | | | |
| φ900 | | 5.5 | 6 | | | | | | | | ±173 |
| | | 7.5 | 4 | | | | | | | | |
| | 160M | 9.2 7.5 | 6 | | | | | | | | |
| | | 11 | 4 | | | | | | | | ±211 |
| | 160L | 11 | 6 | | | | | | | | |
| | | 15 | 4 | | | | | | | | ±230 |
| | 180L | 18.5 | 4 | | | 700 | | | | | ±259 |
| | 180L | 15 22 | 6 4 | | | 800 | | | | | ±269 |

| FAN SIZE | MOTOR FRAME | POWER | NO. OF POLES | FAN I/D | FLANGE O/D | LENGTH (LONG) | FLANGE PCD | NO OF HOLES | FLANGE HOLE Ø | NO OF BLADES | WEIGHT |
|-------------|----------------|------------|-----------------|------------|---------------|------------------|---------------|----------------|------------------|---------------------|--------|
| | | KW | | A (mm) | B (mm) | C (mm) | D (mm) | E | F (mm) | | KG |
| | 132S | 3 | 6 | 1000 | 1126 | 700 | 1067 | 16 | 14 | 3/6/9/ 12 /18 | ±205 |
| | | 5.5 | 4 | | | | | | | | 1203 |
| | 132M | 4 | 6 | | | | | | | | |
| | | 5.5 | 6 | | | | | | | | ±210 |
| | | 7.5 | 4 | | | | | | | | |
| | 160M | 9.2 7.5 | 4 6 | | | | | | | | |
| | | 11 | 4 | | | | | | | | ±248 |
| | 160L | 11 | 6 | | | | | | | | .0.65 |
| φ1000 | | 15 | 4 | | | | | | | | ±267 |
| | 180L | 18.5 | 4 | | | | | | | | ±296 |
| | 180L | 15 | 6 | | | | | | | | ±306 |
| | | 22 | 4 | | | | | | | | ±300 |
| | 200L | 18.5 | 6 | | | | | | | | |
| | | 22 | 6 | | | | | | | | ±360 |
| | | 30 | 4 | | | | | | | | |
| | 225S/ M | 30 | 6 | | | 1100 | | | | | |
| | | 37 | 4 | | | | | | | | ±503 |
| | | 45 | 4 | | | | | | | | |



ACCESSORIES:

A full range of accessories including sound attenuators, mounting feet, inlet cones, flexible connectors. Dampers, wire guards compliment this range of fans.

Sound attenuator Mounting feet





WIRING DIAGRAM

| | Motor Power Poles | | Poles Speed V | | Voltage Frequency | | Connection | | |
|---|-------------------|---|---------------|-----|-------------------|------|------------|---|--|
| | kW | P | Rpm | ٧ | Hz | ٠. | | | W2U2V2 |
| 1 | 0.55 | 2 | | 400 | 50 | W11 | STAR | γ | |
| 2 | 1.5 | 2 | | 400 | 50 | W11 | STAR | γ |] , JU1 JV1 JW1 [|
| 3 | 1.1 | 4 | | 400 | 50 | W11 | STAR | γ | \square $\stackrel{\triangle}{}$ \square \square \square \square \square \square |
| 4 | 2.2 | 4 | | 400 | 50 | W11 | STAR | γ | 1/0 1/0 1/0 |
| 5 | 1.5 | 4 | | 400 | 50 | W11 | STAR | γ | 0W2 0U2 0V2 0V2 0V1 0V1 0V1 0V1 |
| 6 | 4 | 4 | | 400 | 50 | W11 | STAR | γ | . II1 . V1 . W1 |
| 7 | 5.5 | 4 | | 400 | 50 | W11 | STAR | γ | Y 00 01 0" [|
| 8 | 7.5 | 4 | | 400 | 50 | W11 | STAR | γ | L1 L2 L3 |
| 9 | 0.75 | 4 | | 400 | 50 | F400 | STAR | γ | |