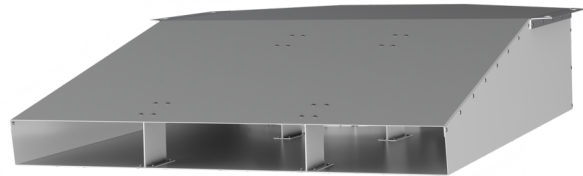


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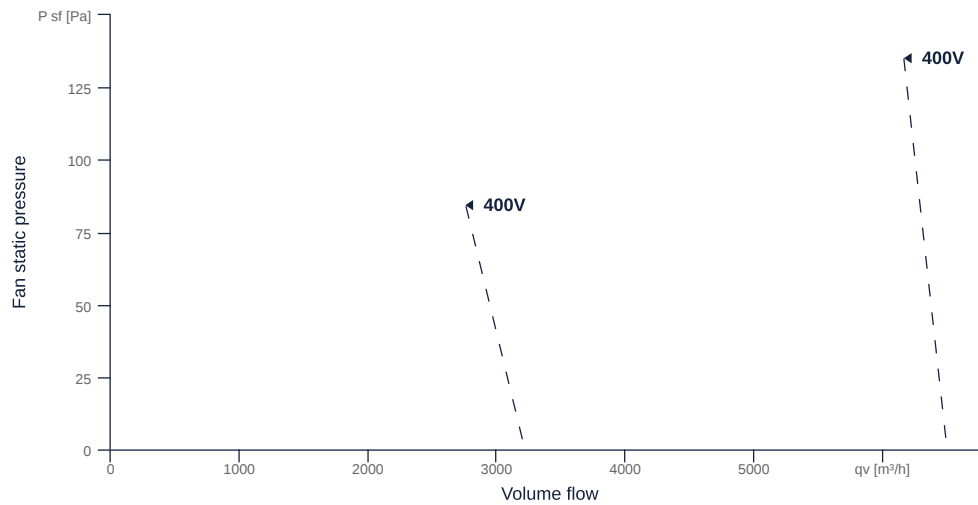
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- Innovative high boost radial garage jet fan
- Highest efficiency due to optimized impeller/nozzle
- Extra flat design
- Housing weight optimized, AlMg3/sheet steel
- IE3 motor 2-step controllable via Dahlander circuit
- Conveyed medium temperature up to 60 °C in continuous operation



MAP

| Name | Value | Unit |
|-------------|-------|------|
| Volume flow | 0 | m³/h |
| Pressure | 0 | Pa |



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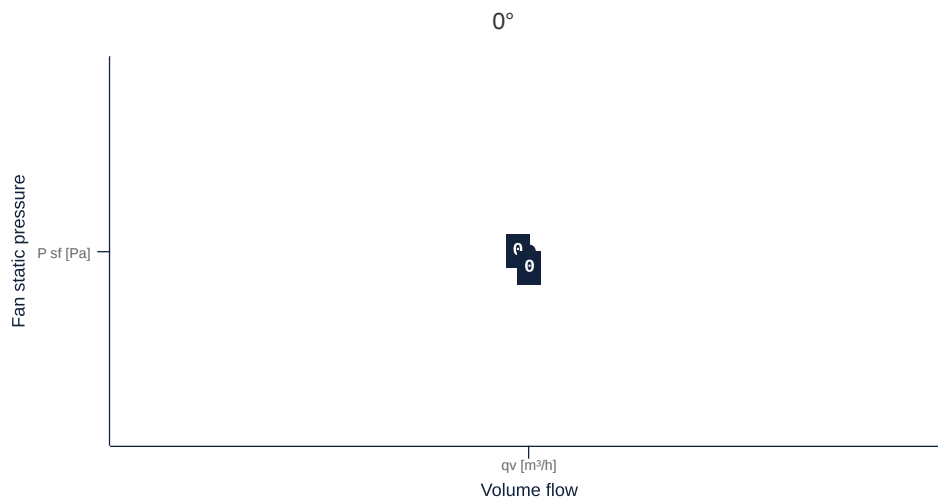
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MAP

| Name | Value | Unit |
|-------------|-------|------|
| Volume flow | 0 | m³/h |
| Pressure | 0 | Pa |



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GENERAL DATA

| Name | Value | Unit | Formula symbol |
|--|-------------|------|-------------------------|
| ERP conformity | No | | |
| Pipe connection size (DN) | - | | DN |
| Rated voltage (entire device) | 400 | V | U _{rated} |
| Phases (entire device) | 3~ | | phase |
| Electrical protection (entire device) | 6 A | | fuse |
| Housing material | Aluminium | | mat _{casing} |
| Impeller material | Steel | | mat _{impeller} |
| Weight | 56 | kg | m |
| Fan type | Radial | | F _{antype} |
| Construction height | 273 | mm | h |
| Nominal flowrate | 6501.000000 | | q _{v, nom} |
| Nominal flowrate small stage | 3219.000000 | | q _{v, nom} |
| Thrust main direction | 50.000000 | | F ₁ |
| Thrust main direction small stage | 12.000000 | | F ₂ |
| Sound power level according to ISO 13350 | 93.000000 | | L _{WAISO13350} |
| Sound power level according to ISO 13350 small stage | 78.800000 | | L _{WAISO13350} |

MAXIMAL DATA

| Name | Value | Unit | Formula symbol |
|---------------------------------|-------|-------------------|-----------------------|
| Max. power consumption (device) | 2094 | W | P _{ed, max} |
| Max. operating current (device) | 4.5 | A | I _{ed, max} |
| Max. speed | 1460 | 1/min | n _{max} |
| Max. flowrate | 6500 | m ³ /h | q _{v, max} |
| Max. medium temperature | 60 | °C | T _{m, max} |
| Max. environment temperature | 60 | °C | T _{amb, max} |
| Min. environment temperature | -20 | °C | T _{amb, min} |

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MOTOR DATA

| Name | Value | | Unit | Formula symbol |
|-----------------------------|-------|-----------------|-------|--------------------------|
| | 50 Hz | 60 Hz | | |
| Rated frequency (device) | | 50 | | f |
| Motor type | | AC 3~ | | phase |
| Control type | | step-controlled | | ctrltype |
| Installation type | | IRM (In) | | install |
| Rotation direction | | right | | rotation |
| Isolation class | | ISO F | | ISOclass |
| Protection class | | IP55 | | IP _{motor} |
| Is pole-changeable | | Yes | | polexch |
| Type of power supply | | AC 3~ | | pwr _{sup} motor |
| Number of poles (1) | | 8.000000 | | num poles _{w1} |
| Number of poles (wiring 2) | | 4.000000 | | num poles _{w2} |
| Connection | Y | | | wiring _{w1} |
| Connection (wiring 2) | YY | | | wiring _{w2} |
| Rated voltage | 400 | | V | U _{rated, f1} |
| Rated voltage (wiring 2) | 400 | | V | U _{rated, f2} |
| Rated current | 1.69 | | A | I _{rated, f1} |
| Rated current (wiring 2) | 4 | | A | I _{rated, f2} |
| Shaft power | 400 | | W | P _{out, f1} |
| Shaft power (wiring 2) | 1600 | | W | P _{out, f2} |
| Speed | 700 | | 1/min | n _{f1} |
| Speed (wiring 2) | 1440 | | 1/min | n _{f2} |
| Starting current | 5.41 | | A | I _{start, f1} |
| Starting current (wiring 2) | 26.4 | | A | I _{start, f2} |
| Efficiency | 59 | | % | η _{m, f1} |
| Efficiency (wiring 2) | 73 | | % | η _{m, f2} |
| Min. temperature | -20 | | °C | T _{motor, min} |

