

Technical Questionnaire

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Please note: A lot of times operating details are either only partially known or inaccurate. It is therefore necessary for you as the manufacturer to make sure, by suitable tests, that the correct fan wheel has been selected. Please answer the following questions as comprehensively as possible. This will allow us to submit a proper proposal as quickly as possible. Please use an additional sheet to give us further details. This questionnaire on no account replaces a technical specification (TSP).

1. General Information

1.1. Fan application (type of unit and appliance, e.g. rail application, compressor, etc.)

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.....

1.2. Are there any special requirements regarding safety conditions? (e.g. explosion protection, danger of accident at wheel failure, etc.)

.....
.....

1.3. Medium to be handled and its state (e.g. smoke gas with $t_{max} = 300^\circ C$, dust laden air or similar)?

.....
.....

2. Air Duty

(if possible, give details for the medium to be handled at $\rho = 1.2 \text{ kg/m}^3$)

2.1. Volume flow $\dot{V} = \dots \text{ m}^3/\text{h} / \dots \text{ cfm}$

2.2. Static pressure increase $\Delta p_{fa} = \dots \text{ Pa} / \dots \text{ inch WG}$

2.3. Single flow „E“/double flow „D“? E/D

2.4. Density of the medium $\rho = \dots \text{ kg/m}^3 / \dots \text{ lb/ft}^3$

2.5. Max. media temperature $t = \dots \text{ }^\circ\text{C} / \dots \text{ }^\circ\text{F}$

2.6. Max. A-rated sound power level $L_w = \dots \text{ dB(A)}$

2.7. Other details (e.g. max. flow speed, special curve steepness, etc.)?

.....
.....

3. Drive

3.1. Is the speed arbitrary? (min ... max)

3.2. Direct motor drive? $n = \dots \text{ rpm}$

3.3. Is a maximum motor power specified?
 $P_w = \dots \text{ kW} / \dots \text{ hp}$

3.4 Operating mode

Continuous duty S1- IEC 60034-1

other operating mode:

www.punker.com ▶ 0.5.0.01-E

4. Dimensions and Constructive Execution of the Fan Wheel

4.1. Can a regular fan housing be used?

yes no, max. dimension:

4.2. Are certain main wheel dimensions required?

.....

4.3. Hub bore

$\varnothing d = \dots \text{ mm, fit} \dots$
without/with keyway?

4.4. Hub model and arrangement (e.g. inside the wheel, outside, etc.)

.....
.....

4.5. Material wheel body?

steel aluminium others:

4.6. Additional surface protection?

galvanized powder coated

others:

4.7. Other details

.....
.....

5. Requirements, price

5.1. Would you like a quotation for...?

5.1.1. Sample wheels pcs.

5.1.2. Subsequent series pcs. p.a.

Order quantity pcs./order

5.1.3. Series production anticipated DD/MM/YYYY



send via e-mail