

FOR SELECTING GAS BLOWER PACKAGE

Enquiry

Date:

1. PURCHASER

Company:

Address:

Contact person:

tel.:

e-mail:

2. OPERATION PARAMETERS

Intake volume flow Q: Nm³/h ☐ Nm³/min ☐ (at p = 101,3 kPa abs., t = 0 °C)
☐ m³/h ☐ m³/min ☐ (at p = kPa abs., t = °C)

Inlet pressure p₁: rel. ☐ abs. ☐ kPa ☐ bar ☐ mbar ☐
 Discharge pressure p₂: rel. ☐ abs. ☐

Maximum suction temperature t_{1MAX}: °C

3. CLASSIFICATION - ZONE

Zone in piping: 0 ☐ 1 ☐ 2 ☐
 Zone of surrounding: 0 ☐ 1 ☐ 2 ☐

4. DETERMINATION OF GAS

Type:

% of composition: 1. 4. 7.
 2. 5. 8.
 3. 6. 9.

Explosion group: IIA ☐ IIB ☐ IIC ☐

Temperature class: T1 ☐ T2 ☐ T3 ☐ T4 ☐ T5 ☐ T6 ☐

Density ρ: kg/m³ Specific heat capacity cp: kJ*kg⁻¹*K⁻¹

Characteristic: corrosive ☐ aggression on viton: ☐

Resistance of the bare shaft blower unit material:

cast iron ☐ cast iron with anticorrosive protection Ni-P (chemical nickel) ☐ stainless steel ☐

5. OPERATION CONDITIONS

Ambient temperature: min. °C max. °C

Location: outdoor ☐ indoor ☐

Regulation by FC: yes ☐ no ☐

from Hz to Hz

