Hadron Engineering
The Blower Specialists

FOR SELECTING GAS BLOWER PACKAGE

Enquiry Date:

1. PURCHASER

Company: Contact person:
Address: 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 p_1: rel. ☐ abs. ☐
Discharge pressure p_2: rel. ☐ abs. ☐
kPa ☐ bar ☐ mbar ☐

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. 2. 3. 4. 5. 6. 7. 8. 9.

Explosion group: IIA ☐ IIB ☐ IIC ☐
Temperature class: T1 ☐ T2 ☐ T3 ☐ T4 ☐ T5 ☐ T6 ☐

Density !: kg/m^3 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