

# MINK MH 0040 A

Hydrogen recirculation blower



**VACUUM SOLUTIONS**

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## **H<sub>2</sub>-approved**

For recirculation of hydrogen in PEM fuel cells

## **Flexible**

Integrated variable speed drive for easy adaptation of volume flow to different process requirements

## **Hermetically tight**

Magnetic coupling for high inlet pressures

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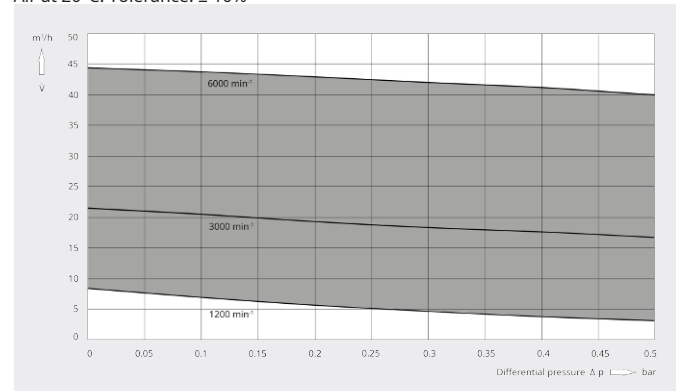
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Dimensional drawing



Volume flow (at inlet)  
Air at 20°C. Tolerance:  $\pm 10\%$



| MINK MH 0040 A                              |                               |
|---------------------------------------------|-------------------------------|
| Volume flow (at inlet)                      | 40 m <sup>3</sup> /h          |
| Pressure (at inlet)                         | 1–3 bar(a)                    |
| Differential pressure                       | max. 0.5 bar                  |
| Leakage rate                                | < 10 Ncm <sup>3</sup> /h      |
| Nominal motor rating                        | 1.0 kW                        |
| Nominal motor speed                         | 1200 – 6000 min <sup>-1</sup> |
| Motor current                               | max. 50 A                     |
| Power supply                                | 24 VDC                        |
| Sound pressure level (ISO 2151), KpA = 3 dB | 67 dB(A)                      |
| Weight approx.                              | 11 kg                         |
| Dimensions (L x W x H)                      | 293 x 183 x 150 mm            |
| Gas inlet / outlet                          | G 1" / G 1"                   |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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