

R5 RU 0050/0070 B

Oil-lubricated rotary vane vacuum pumps



Discover all advantages of the product series R5 RU

Reliable

Robust construction, proven rotary vane technology, special chemical-resistant oil, electromagnetic compatibility in accordance with directive 2014/30/EU, approved according to UL 61010-1 and EN 61010-1

High performance

Specially designed for use in analytical and scientific applications, variable speed drive

Quiet

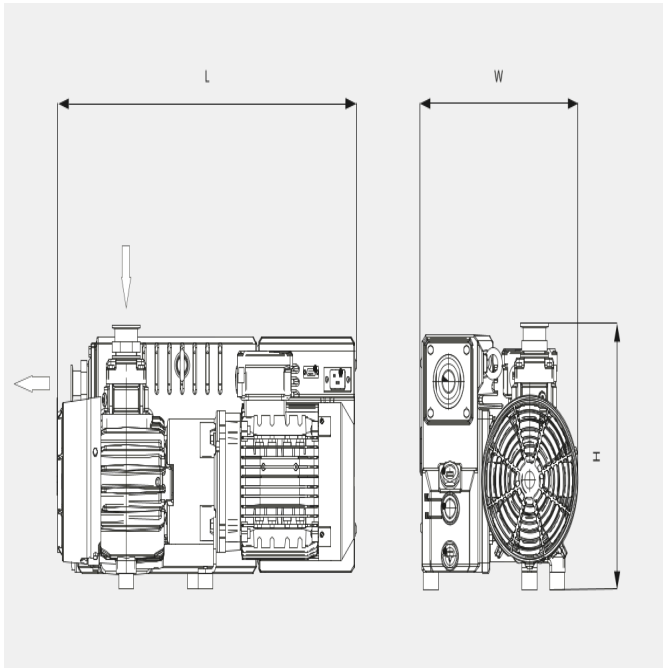
State-of-the-art acoustic design, low noise and vibration levels, ideal for installation at workstations

R5 RU 0050/0070 B

Oil-lubricated rotary vane vacuum pumps

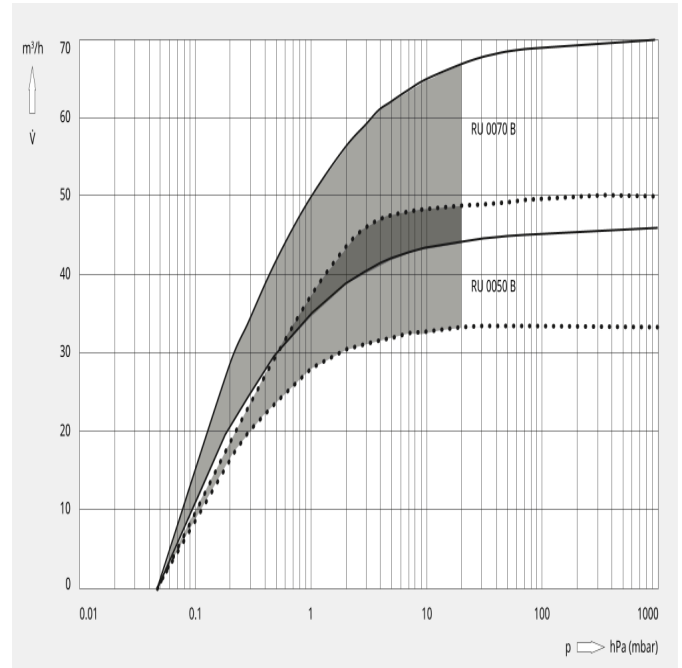


Dimensional drawing



Pumping speed

Air at 20 °C. Tolerance: ± 10%



The following technical values refer to ISO 50 Hz

| | R5 RU 0050 B | R5 RU 0070 B |
|--|-------------------|-------------------|
| Pumping speed (m³/h) | 50 m³/h | 70 m³/h |
| Pumping speed (l/min) | 833 l/min | 1167 l/min |
| Pumping speed at 3 mbar (m³/h) | 46 m³/h | 59 m³/h |
| Pumping speed at 3 mbar (l/min) | 767 l/min | 983 l/min |
| Ultimate pressure | < 0.05 hPa (mbar) | < 0.05 hPa (mbar) |
| Nominal motor rating | 1.2 kW | 1.2 kW |
| Nominal voltage | 200–240 ± 10% V | 200–240 ± 10% V |
| Ambient temperature | 12–50 °C | 12–50 °C |
| Noise level (ISO 2151) at 3 mbar and 1800 min#¹ | 57 dB(A) | 57 dB(A) |
| Oil capacity | 1.7 l | 1.7 l |
| Weight approx. | 56 kg | 56 kg |

R5 RU 0050/0070 B

Oil-lubricated rotary vane vacuum pumps



VACUUM SOLUTIONS

| | R5 RU 0050 B | R5 RU 0070 B |
|------------------------|---|---|
| Dimensions (L x W x H) | 591 x 311 x 287 mm | 601 x 311 x 287 mm |
| Gas outlet | DN 25 KF | DN 25 KF |
| Gas inlet | DN 40 KF | DN 40 KF |
| Safety | IEC / UL / EN 61010-1 / NRTL mark | IEC / UL / EN 61010-1 / NRTL mark |
| Immunity | EN 61326-1 Table 2, EN 61000-6-2 | EN 61326-1 Table 2, EN 61000-6-2 |
| Protection class | IP20 | IP20 |
| Emissions | EN 61000-3-2 class A, EN 61000-6-4 CISPR 11 class A, CFR 47 FCC part 15 class A, EN 55011, EN 61326-1 | EN 61000-3-2 class A, EN 61000-6-4 CISPR 11 class A, CFR 47 FCC part 15 class A, EN 55011, EN 61326-1 |

The following technical values refer to ISO 60 Hz

| | R5 RU 0050 B | R5 RU 0070 B |
|---|-----------------------------------|-----------------------------------|
| Pumping speed (m ³ /h) | 50 m ³ /h | 70 m ³ /h |
| Pumping speed (l/min) | 833 l/min | 1167 l/min |
| Pumping speed at 3 mbar (m ³ /h) | 46 m ³ /h | 59 m ³ /h |
| Pumping speed at 3 mbar (l/min) | 767 l/min | 983 l/min |
| Ultimate pressure | < 0.05 hPa (mbar) | < 0.05 hPa (mbar) |
| Nominal motor rating | 1.2 kW | 1.2 kW |
| Nominal voltage | 200–240 ± 10% V | 200–240 ± 10% V |
| Ambient temperature | 12–50 °C | 12–50 °C |
| Noise level (ISO 2151) at 3 mbar and 1800 min# ¹ | 57 dB(A) | 57 dB(A) |
| Oil capacity | 1.7 l | 1.7 l |
| Weight approx. | 56 kg | 56 kg |
| Dimensions (L x W x H) | 591 x 311 x 287 mm | 601 x 311 x 287 mm |
| Gas outlet | DN 25 KF | DN 25 KF |
| Gas inlet | DN 40 KF | DN 40 KF |
| Safety | IEC / UL / EN 61010-1 / NRTL mark | IEC / UL / EN 61010-1 / NRTL mark |
| Immunity | EN 61326-1 Table 2, EN 61000-6-2 | EN 61326-1 Table 2, EN 61000-6-2 |

R5 RU 0050/0070 B

Oil-lubricated rotary vane vacuum pumps



| | R5 RU 0050 B | R5 RU 0070 B |
|-------------------------|---|---|
| Protection class | IP20 | IP20 |
| Emissions | EN 61000-3-2 class A, EN 61000-6-4 CISPR 11 class A, CFR 47 FCC part 15 class A, EN 55011, EN 61326-1 | EN 61000-3-2 class A, EN 61000-6-4 CISPR 11 class A, CFR 47 FCC part 15 class A, EN 55011, EN 61326-1 |

DO YOU WANT TO KNOW MORE

Please contact us!
sales@busch.co.nz or +64 (0)800 428 724



CONTACT FORM



CALL US NOW