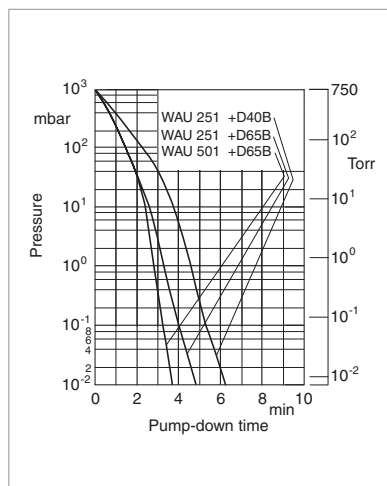


Technical Data, 50 Hz

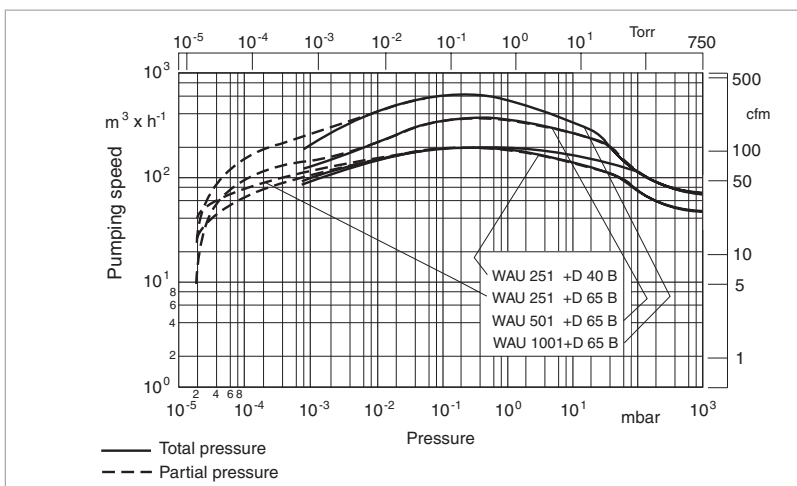
| | | RUTA WAU | | |
|---|--|--|--|--|
| | | 251/D40B/A | 251/D65B/A | 501/D65B/A |
| RUVAC (WA/WAU/WS/WSU possible) | P2 | 251 | 251 | 501 |
| Backing pump TRIVAC | P1 | D 40 B | D 65 B | D 65 B |
| Pumping speed, 50 Hz at 10 ⁻¹ mbar (7.5 x 10 ⁻² Torr) | m ³ x h ⁻¹ (cfm) | 200.0 (117.8) | 210.0 (123.7) | 380.0 (223.8) |
| Ultimate partial pressure | mbar (Torr) | < 2 x 10 ⁻⁵ (< 1.5 x 10 ⁻⁵) | < 2 x 10 ⁻⁵ (< 1.5 x 10 ⁻⁵) | < 2 x 10 ⁻⁵ (< 1.5 x 10 ⁻⁵) |
| Ultimate total pressure with gas ballast | mbar (Torr) | < 8 x 10 ⁻⁴ (< 6 x 10 ⁻⁴) | < 8 x 10 ⁻⁴ (< 6 x 10 ⁻⁴) | < 8 x 10 ⁻⁴ (< 6 x 10 ⁻⁴) |
| Installed motor power | kW (hp) | 2.6 (3.5) | 3.3 (4.5) | 4.4 (6.0) |
| Power consumption at 10 ⁻¹ mbar (7.5 x 10 ⁻² Torr) | kW (hp) | 2.0 (2.7) | 2.5 (3.4) | 2.7 (3.7) |
| Noise level to DIN 45 635 max. without gas ballast at 1 mbar (0.75 Torr) | dB(A) | 64 | 65 | 67 |
| | dB(A) | 62 | 63 | 63 |
| Oil filling, total, approx. | l (qt) | 3.3 (3.49) | 4.0 (4.23) | 4.3 (4.55) |
| Weight, total, approx. | kg (lbs) | 245.0 (540.2) | 260.0 (573.3) | 305.0 (627.5) |
| Connecting flange Inlet port | DN ₁ | 63 ISO-K | 63 ISO-K | 63 ISO-K |
| Outlet port | DN ₂ | 40 ISO-KF | 40 ISO-KF | 40 ISO-KF |

Ordering Information

| | | RUTA WAU | | |
|---|----|---|---|---|
| | | 251/D40B/A | 251/D65B/A | 501/D65B/A |
| RUVAC (WA/WAU/WS/WSU possible) | P2 | WAU 251 | WAU 251 | WAU 501 |
| Backing pump TRIVAC | P1 | D 40 B | D 65 B | D 65 B |
| Pump system, complete (adaptor version), pallet mounted, with Roots vacuum pump RUVAC WAU | | Part No. 023 06 | Part No. 023 07 | Part No. 023 08 |
| Frequency inverter RUVATRONIC (see description in Section "Accessories") | | RT 5/251 Part No. 500 001 381 | RT 5/251 Part No. 500 001 381 | RT 5/501 Part No. 500 001 382 |



Pump-down time diagram for a 10 m³ tank at 50 Hz



Pumping speed diagram at 50 Hz