

IWAKI AIR PUMP

APN-S041



A compact vacuum pump optimal for built-in applications

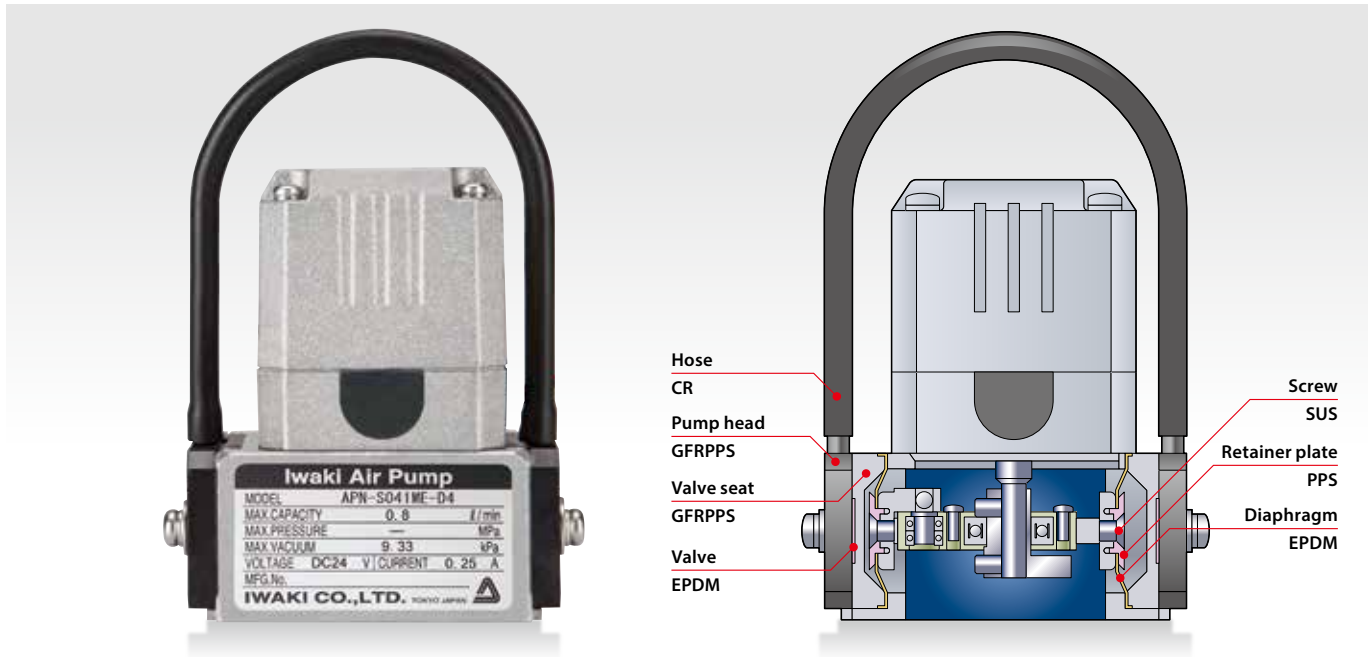
Iwaki Air Pump APN-S041 is a compact vacuum pump for built-in applications.

High vacuum capability with ultimate vacuum up to 9.33 kPa (70 torr).

It realizes compact design, ideal for built-in applications.

- High vacuum capability (up to 9.33kPa [70 torr])
- Both 2 wire and 4 wire available (control signal, pulse output)
- 1 - 5VDC variable speed control
- Built-in BLDC motor driver circuit
- Small and compact design
- Less vibration and noise
- Applications: Medical analyzer, Analytical equipment, general equipment

Construction and materials

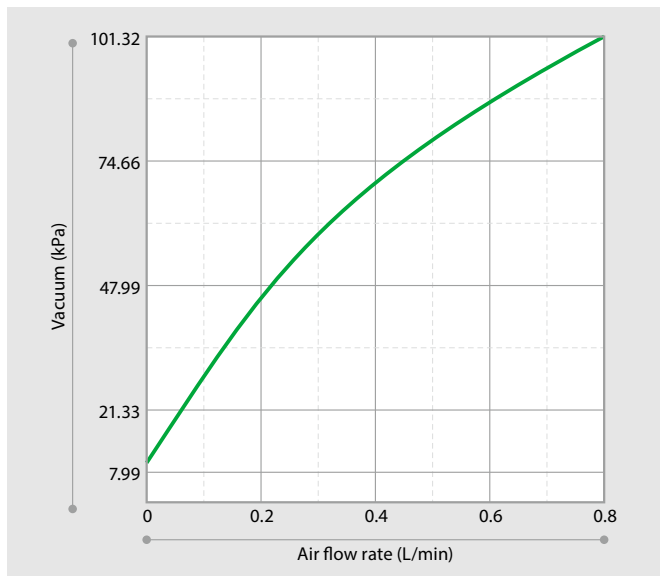


Specifications

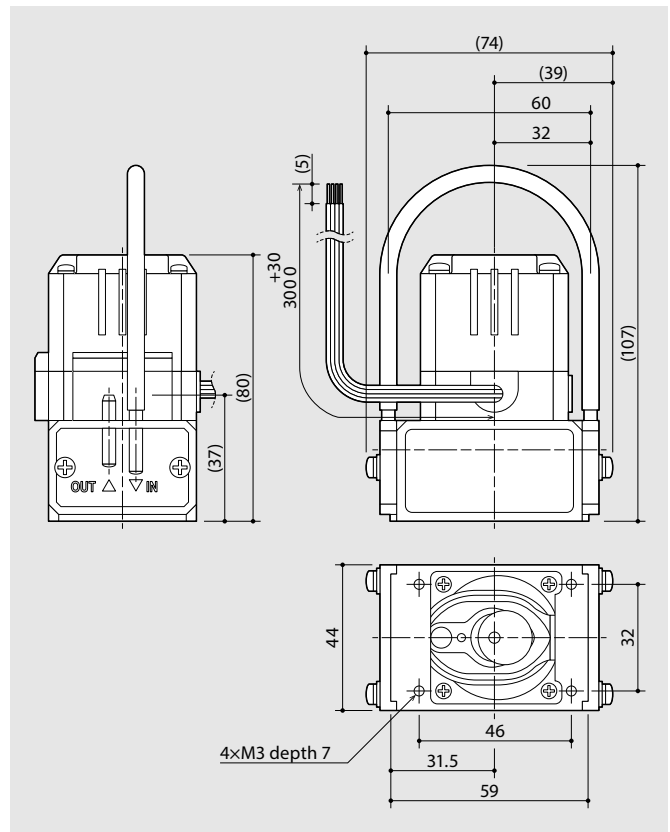
Model	APN-S041ME-D3/D4*	Current draw	0.25 A or less
Max. flow	0.8 L/min	Voltage	DC24V
Max. vacuum	9.33 kPa	Mass	0.4 kg
Output	2.2 W	Gas temp.	0 - 40 °C
Power consumption	6.0 W	Ambient temp.	0 - 40 °C

* D3: 2 wire, D4: 4 wire

Performance curves



Dimensions in mm



IWAKI CO., LTD. 6-6 Kanda-Sudacho 2-chome Chiyoda-ku Tokyo 101-8558 Japan TEL : (81)3 3254 2935 FAX : 3 3252 8892

IWAKI has global network. Please find your distributor location at

www.iwakipumps.jp

- | | | |
|--|------------------------|----------------------|
| European office : IWAKI Europe GmbH | TEL: (49)2154 9254 0 | FAX: 2154 9254 48 |
| Germany : IWAKI Europe GmbH | TEL: (49)2154 9254 50 | FAX: 2154 9254 55 |
| Holland : IWAKI Europe GmbH (Netherlands Branch) | TEL: (31)74 2420011 | FAX: (49)2154 925448 |
| Italy : IWAKI Europe GmbH (Italy Branch) | TEL: (39)0444 371115 | FAX: 0444 335350 |
| Spain : IWAKI Europe GmbH (Spain Branch) | TEL: (34)93 37 70 198 | FAX: 93 47 40 991 |
| Belgium : IWAKI Belgium N.V. | TEL: (32)13 67 02 00 | FAX: 13 67 20 30 |
| Denmark : IWAKI Nordic A/S | TEL: (45)48 24 2345 | FAX: 48 24 2346 |
| Finland : IWAKI Suomi Oy | TEL: (358)9 2745810 | FAX: 9 2742715 |
| France : IWAKI France S.A. | TEL: (33)1 69 63 33 70 | FAX: 1 64 49 92 73 |
| Norway : IWAKI Norge AS | TEL: (47)23 38 49 00 | FAX: 23 38 49 01 |
| Sweden : IWAKI Sverige AB | TEL: (46)8 511 72900 | FAX: 8 511 72922 |
| U.K. : IWAKI Pumps (UK) Ltd. | TEL: (44)1743 231363 | FAX: 1743 366507 |

- | | | |
|---|-----------------------|-----------------------|
| U.S.A. : IWAKI America Inc. | TEL: (1)508 429 1440 | FAX: 508 429 1386 |
| Argentina : IWAKI America Inc. (Argentina Branch) | TEL: (54)11 4745 4116 | FAX: (54)11 4745 4116 |
| Brasil : IWAKI Do Brasil Comercio De Bombas Hidraulicas Ltda. | TEL: (55)19 3244 5900 | FAX: 19 3244 5900 |
| Singapore : IWAKI Singapore Pte Ltd. | TEL: (65)6316 2028 | FAX: 6316 3221 |
| Indonesia : IWAKI Singapore (Indonesia Office) | TEL: (62)21 6906606 | FAX: 21 6906612 |
| Malaysia : IWAKI Sdn. Bhd. | TEL: (60)3 7803 8807 | FAX: 3 7803 4800 |
| Australia : IWAKI Pumps Australia Pty Ltd. | TEL: (61)2 9899 2411 | FAX: 2 9899 2421 |
| Hong Kong : IWAKI Pumps Co., Ltd. | TEL: (852)2607 1168 | FAX: 2607 1000 |
| China : GTZ IWAKI Engineering & Trading Co., Ltd. | TEL: (86)20 84350603 | FAX: 20 84359181 |
| : IWAKI Pumps (Shanghai) Co., Ltd. | TEL: (86)21 6272 7502 | FAX: 21 6272 6929 |
| Korea : IWAKI Korea Co., Ltd. | TEL: (82)2 2630 4800 | FAX: 2 2630 4801 |
| Taiwan : IWAKI Pumps Taiwan Co., Ltd. | TEL: (886)2 8227 6900 | FAX: 2 8227 6818 |
| Thailand : IWAKI (Thailand) Co., Ltd. | TEL: (66)2 322 2471 | FAX: 2 322 2477 |

() Country codes

Caution for safety use: Before use of pump, read instruction manual carefully to use the product correctly.

Actual pumps may differ from the photos. Specifications and dimensions are subject to change without prior notice. For further details please contact us.

Legal attention related to export.

Our products and/or parts of products fall in the category of goods contained in control list of international regime for export control. Please be reminded that export license could be required when products are exported due to export control regulations of countries.

The posting and copying from this catalogue without permission is not accepted firmly.