



Yixing Aipu Air System Equipment Co., Ltd

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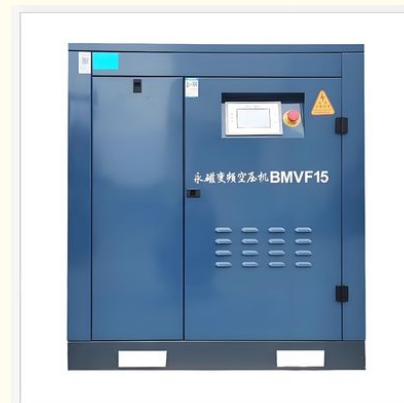
## Gas volume 1.0-24m<sup>3</sup>/min multifunctional variable frequency air compressor

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: BK/BKX/BMVF/GVT/PVGX
- Minimum Order Quantity: 1PC
- Price: negotiable
- Packaging Details: container
- Delivery Time: 10
- Payment Terms: tt
- Supply Ability: 10000t/y



### Product Specification

- Exhaust Pressure: 0.65-0.9Mpa
- Displacement: 1.0-24m<sup>3</sup>/min
- Type: BMVF Micro Oil Screw Air Compressor
- Power Source: Electric
- Motor Power: 7.5-132kW

## Product Description

### Product Description:

The BMVF series is a screw air compressor that integrates three core technologies: two-stage compression, permanent magnet synchronous motor, and intelligent variable frequency control. It is mainly aimed at industrial fields with high requirements for energy consumption, air pressure stability, and reliability, aiming to provide users with maximum energy-saving benefits and the lowest total cost of ownership.

Product positioning: High end, efficient, energy-saving, and intelligent.

### Core advantages:

**Energy saving and efficient:** By adopting permanent magnet frequency conversion technology, the motor speed can be automatically adjusted according to changes in gas consumption, and the exhaust volume can be precisely adjusted, enabling the air compressor to maintain high efficiency under any gas consumption conditions, with a comprehensive energy saving of up to 50%.

**Wide range adjustment:** The adjustment range is 20% -100%. Compared with the 40% -100% adjustment range of ordinary frequency converters, it can still work normally even when deviating from working conditions by 80%, adapting to various complex gas working conditions.

**Low noise operation:** By optimizing the design and adopting advanced noise reduction technology, the noise during operation is relatively low, such as the BMVF22 model with a noise level of only 40 decibels, creating a quiet working environment for users.

**Stable and reliable:** With first-class processing and testing equipment such as Mitsui machining centers in Japan, KAPP screw rotor grinders in Germany, and HOLROYD screw rotor grinders in the UK, we ensure high precision and quality of our products, stable operation of the main engine, and long service life.

**Compact structure:** Adopting a fixed compressor design, the external dimensions are relatively small, the structure is compact, and the footprint is small. For example, the external dimensions of BMVF11 are 1000 × 670 × 1090mm, which is easy to install and place, and can adapt to different working site conditions.

**Easy maintenance:** The shell design of the air compressor is easy to disassemble and install, the internal component layout is reasonable, and daily maintenance and upkeep operations are simple and convenient, which can reduce the maintenance cost and workload of users.

### Product Selection Table:

BK series

| Product Model | Exhaust pressure(Mpa) | Exhaust volume(m <sup>3</sup> /min) | Motor power(KW) | Exhaust interface | Weight(kg) | External dimensions(mm) |
|---------------|-----------------------|-------------------------------------|-----------------|-------------------|------------|-------------------------|
| BK7.5-8G      | 0.8                   | 1.2                                 | 7.5             | G3/4              | 200        | 800×620×800             |
| BK7.5-8G      | 0.8                   | 1.1                                 | 7.5             | G3/4              | 200        | 800×620×800             |
| BK11-8G       | 0.8                   | 1.7                                 | 11              | G1                | 280        | 1000×670×1090           |
| BK15-8G       | 0.8                   | 2.4                                 | 15              | G1                | 280        | 1000×670×1090           |
| BK15-8        | 0.8                   | 2.4                                 | 15              | G1                | 270        | 700×670×1250            |
| BK15-10       | 1.0                   | 2.2                                 | 15              | G1                | 270        | 700×670×1250            |
| BK15-13       | 1.3                   | 1.7                                 | 15              | G1                | 270        | 700×670×1250            |
| BK22-8G       | 0.8                   | 3.5                                 | 22              | G1                | 390        | 1200×800×1120           |
| BK22-10G      | 1.0                   | 3.2                                 | 22              | G1                | 390        | 1200×800×1120           |
| BK22-13G      | 1.3                   | 2.7                                 | 22              | G1                | 390        | 1200×800×1120           |
| BK30-8G       | 0.8                   | 5.0                                 | 30              | G1 1/2            | 470        | 1340×850×1280           |
| BK30-10G      | 1.0                   | 4.4                                 | 30              | G1 1/2            | 470        | 1340×850×1280           |
| BK30-13G      | 1.3                   | 3.6                                 | 30              | G1 1/2            | 470        | 1340×850×1280           |
| BK37-8G       | 0.8                   | 6.0                                 | 37              | G1 1/2            | 560        | 1340×850×1280           |
| BK37-10G      | 1.0                   | 5.4                                 | 37              | G1 1/2            | 560        | 1340×850×1280           |
| BK37-13G      | 1.3                   | 4.6                                 | 37              | G1 1/2            | 560        | 1340×850×1280           |
| BK45-8G       | 0.8                   | 7.1                                 | 45              | G1 1/2            | 720        | 1480×1030×1340          |
| BK45-10G      | 1.0                   | 6.2                                 | 45              | G1 1/2            | 720        | 1480×1030×1340          |
| BK45-13G      | 1.3                   | 5.0                                 | 45              | G1 1/2            | 720        | 1480×1030×1340          |
| BK55-8G       | 0.8                   | 10.0                                | 55              | G1 1/2            | 790        | 1480×1030×1340          |
| BK55-10G      | 1.0                   | 7.2                                 | 55              | G1 1/2            | 790        | 1480×1030×1340          |
| BK55-13G      | 1.3                   | 6.2                                 | 55              | G1 1/2            | 790        | 1480×1030×1340          |
| BK75-8G       | 0.8                   | 13.0                                | 75              | G2                | 1200       | 1800×1190×1710          |
| BK90-8G       | 0.8                   | 16.0                                | 90              | G2                | 1240       | 1800×1190×1710          |
| BK110-8T      | 0.8                   | 21.0                                | 110             | DN65              | 1630       | 2100×1230×1730          |
| BK110-8G      | 0.8                   | 21.0                                | 110             | DN65              | 1680       | 2100×1230×1730          |
| BK132-8T      | 0.8                   | 24.0                                | 132             | DN65              | 1670       | 2100×1230×1730          |
| BK132-8G      | 0.8                   | 24.0                                | 132             | DN65              | 1750       | 2100×1230×1730          |
| KS175A-8F     | 0.8                   | 24.0                                | 132             | DN65              | 1470       | 1800×1230×1670          |
| KS150-8-II    | 0.8                   | 22.0                                | 110             | DN65              | 1950       | 2100×1230×1730          |
| KS175-8-II    | 0.8                   | 25.0                                | 132             | DN65              | 1990       | 2100×1230×1730          |

BKX series

| Product Model | Exhaust pressure(Mpa) | Exhaust volume(m <sup>3</sup> /min) | Motor power(KW) | Exhaust interface | Weight(kg) | External dimensions(mm) |
|---------------|-----------------------|-------------------------------------|-----------------|-------------------|------------|-------------------------|
| BKX7.5-8      | 0.8                   | 1.2                                 | 7.5             | G1                | 470        | 1310×720×1650           |
| BKX7.5-10     | 1.0                   | 1.0                                 | 7.5             | G1                | 470        | 1310×720×1650           |
| BKX7.5-13     | 1.3                   | 0.8                                 | 7.5             | G1                | 470        | 1310×720×1650           |

BMVF permanent magnet

series

| Product Model | Exhaust pressure(Mpa) | Exhaust volume(m³/min) | Motor power(KW) | Exhaust interface | Weight(kg) | External dimensions(mm) |
|---------------|-----------------------|------------------------|-----------------|-------------------|------------|-------------------------|
| BMVF7.5       | 0.65-0.9              | 1.00-1.25              | 7.5             | G3/4              | 170        | 880×510×800             |
| BMVF11        | 0.65-0.9              | 1.50-1.82              | 11              | G1                | 220        | 1000×670×1090           |
| BMVF15        | 0.65-0.9              | 2.05-2.35              | 15              | G1                | 250        | 1000×670×1090           |
| BMVF22        | 0.65-0.9              | 2.95-3.95              | 22              | G1                | 330        | 1200×800×1120           |
| BMVF37        | 0.65-0.9              | 5.05-6.35              | 37              | G1 1/2            | 500        | 1340×850×1280           |
| BMVF45        | 0.65-0.9              | 6.45-8.2               | 45              | G1 1/2            | 660        | 1480×1030×1365          |
| BMVF55        | 0.65-0.9              | 8.20-9.85              | 55              | G1 1/2            | 710        | 1480×1030×1365          |
| BMVF75        | 0.65-0.9              | 10.50-13.10            | 75              | G2                | 1170       | 1800×1190×1710          |
| BMVF90        | 0.65-0.9              | 12.50-15.50            | 90              | G2                | 1180       | 1800×1190×1710          |
| BMVF110       | 0.65-0.8              | 22.0                   | 110             | DN65              | 1770       | 2700×1230×1730          |
| BMVF132       | 0.65-0.8              | 24.0                   | 132             | DN65              | 1860       | 2700×1230×1730          |

GVT permanent magnet

series

| Product Model | Exhaust pressure(Mpa) | Exhaust volume(m³/min) | Motor power(KW) | Exhaust interface | Weight(kg) | External dimensions(mm) |
|---------------|-----------------------|------------------------|-----------------|-------------------|------------|-------------------------|
| GVT7.5        | 0.65-0.9              | 0.95-1.20              | 7.5             | G3/4              | 170        | 880×510×800             |
| GVT15         | 0.65-0.9              | 2.05-2.35              | 15              | G1                | 160        | 820×670×940             |
| GVT22         | 0.65-0.9              | 2.95-3.95              | 22              | G1                | 240        | 1010×760×1000           |
| GVT37         | 0.65-0.9              | 5.05-6.35              | 37              | G1 1/2            | 360        | 1190×850×1230           |
| GVT45         | 0.65-0.9              | 6.45-8.2               | 45              | G1 1/2            | 485        | 1250×970×1300           |
| GVT55         | 0.65-0.9              | 8.20-9.85              | 55              | G1 1/2            | 565        | 1250×970×1300           |

BK series miningsafety products

| Product Model    | Exhaust pressure(Mpa) | Exhaust volume(m³/min) | Motor power(KW) | Exhaust interface | Weight(kg) | External dimensions(mm) |
|------------------|-----------------------|------------------------|-----------------|-------------------|------------|-------------------------|
| DLGF6/8-37 (B)   | 0.8                   | 6.0                    | 37              | G1 1/2            | 560        | 1340×850×1280           |
| DLGF7/8-45 (B)   | 0.8                   | 7.0                    | 45              | G1 1/2            | 720        | 1480×1030×1340          |
| DLGF8/8-55 (B)   | 0.8                   | 8.6                    | 55              | G1 1/2            | 790        | 1480×1030×1340          |
| DLGF13/8-75 (B)  | 0.8                   | 13.0                   | 75              | G2                | 1200       | 1800×1190×1710          |
| DLGF14/8-90 (B)  | 0.8                   | 14.0                   | 90              | G2                | 1240       | 1800×1190×1710          |
| DLGF21/8-132 (B) | 0.8                   | 21.0                   | 132             | DN65              | 1680       | 2100×1230×1730          |
| DLGF24/8-160 (B) | 0.8                   | 24.0                   | 160             | DN65              | 1750       | 2100×1230×1730          |

PVGX twin-screw laser

dedicated unit

| Product Model | Exhaust pressure(Mpa) | Exhaust volume(m³/min) | Motor power(KW) | Exhaust interface | Weight(kg) | External dimensions(mm) |
|---------------|-----------------------|------------------------|-----------------|-------------------|------------|-------------------------|
| PVGX7.5-16    | 1.6                   | 0.6                    | 7.5             | G1 3/4            | 450        | 1570×620×1390           |
| PVGX15-16     | 1.6                   | 1.5                    | 15              | G1 3/4            | 540        | 1890×660×1550           |
| PVGX22-16     | 1.6                   | 2.2                    | 22              | G1                | 720        | 1890×735×1790           |

## Applications:

Industrial manufacturing: widely used in industries such as mechanical processing, automotive manufacturing, and electronic equipment manufacturing, providing power for various pneumatic tools and production line equipment.

Mining: In mining, it can be used to drive equipment such as rock drills and pickaxes for ore mining and tunnel excavation.

Construction: Suitable for concrete mixing, spraying, door and window installation and other operations in construction, providing compressed air for construction equipment.

Medical and health: In hospitals, clinics and other medical and health institutions, it can be used to drive dental equipment, ventilators and other medical devices to ensure the normal operation of medical work.

Transportation: It can be used in transportation fields such as car maintenance and tire inflation, providing convenience for vehicle maintenance and repair.

## The core value brought to customers:

Significant energy-saving benefits: It is the first choice for customers to carry out energy-saving renovation or new construction projects of air compression stations, with a short investment return period.

Stable and reliable gas source: ensuring the continuity of the production process and the stability of product quality.

Reduce maintenance costs: Better operating conditions and intelligent monitoring have reduced failure rates and component losses.

Green environmental protection: reducing carbon emissions, in line with the national policy orientation of energy conservation and emission reduction.

## Support and Services:

Our Micro oil screw air compressor product comes with comprehensive technical support and services to ensure that our customers are satisfied with their purchase. Our team of experts is available to provide assistance with installation, operation, and maintenance of the product. We also offer repair and replacement services for any faulty parts or components. Additionally, we provide training and educational resources to help our customers maximize the performance and lifespan of their Micro oil screw air compressor.

## Packing and Shipping:

Product Packaging:

The Micro oil screw air compressor comes in a sturdy cardboard box with the product image and specifications printed on the outside. Inside, the product is securely packaged with foam inserts to prevent any damage during transportation.

Shipping:

We provide transportation services for micro oil screw air compressors worldwide. Our standard shipping time is 3-5 business days. For expedited shipping, please contact our customer service team. We ship via trusted carriers such as UPS, FedEx, and USPS and provide a tracking number for your convenience.

## FAQ:

**Q: What is the brand name of this product?**

A: The brand name of this product is Aipu.

**Q: What is the model number of this product?**

A: The model number of this product is Micro oil screw air compressor.

**Q: Where is this product made?**

A: This product is made in China.

**Q: Does this product have any certifications?**

A: Yes, this product is certified by ce.ul.

**Q: What is the minimum order quantity for this product?**

A: The minimum order quantity for this product is 1pc.

**Q: Is the price of this product negotiable?**

A: Yes, the price of this product is negotiable.

**Q: What is the packaging details for this product?**

A: The packaging details for this product is container.

**Q: How long is the delivery time for this product?**

A: The delivery time for this product is 10 days.

**Q: What are the payment terms for this product?**

A: The payment terms for this product is tt.

**Q: What is the supply ability of this product?**

A: The supply ability of this product is 10000t/y.



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