



Permanent magnet variable frequency drive screw air compressor

Our Product Introduction

for more products please visit us on aipukqdl.com

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: 0.95-9.85m³/min
- Type: GVT Micro Oil Screw Air Compressor
- Power Source: Electric
- Motor Power: 7.5-55kW
- Highlight: **Variable Frequency Drive Screw Air Compressor**
, Permanent Magnet Screw Air Compressor

Product Description

Product Description:

The GVT series is a universal, fixed screw air compressor. It adheres to the concept of "injecting strong power into industry" by Aipu, aiming to provide stable, economical, and efficient compressed air solutions for small and medium-sized industrial enterprises. The GVT series is Kaishan's "meritorious product" that has been verified by the market for a long time on a mature technology platform, and has won wide market recognition for its excellent cost-effectiveness and reliability.

Core advantages:

High Efficiency and Energy Saving

Core component advantages: Adopting Kaishan's independently developed high-efficiency screw host, optimized profile, small leakage, high volumetric efficiency, ensuring high gas production and low energy consumption.

Permanent magnet frequency conversion option: Some GVT models offer permanent magnet frequency conversion drive, which can automatically adjust the motor speed according to actual gas demand, avoiding idle consumption during unloading. Compared with power frequency models, the energy-saving effect is significant (usually up to 30% or more), making it the first choice for energy-saving transformation.

Optimized system design: From the intake system, cooling system to the oil and gas separation system, they have been carefully designed and matched to reduce internal pressure loss and improve overall operational efficiency.

Stable and reliable

Heavy duty design: The host and main structural components are made of high-strength materials and high-precision manufacturing processes, ensuring that the equipment can operate stably for a long time even under harsh working conditions.

High quality components: Key components such as bearings, seals, solenoid valves, etc. are all made of internationally renowned brands, ensuring the reliability and service life of the equipment from the source.

Excellent cooling system: large capacity cooler and optimized air duct design ensure that the machine can maintain good working temperature even in high temperature environments, preventing shutdown due to overheating.

Intelligent control

User friendly interface: Equipped with a high-definition LCD display controller, it can monitor key parameters such as pressure, temperature, running time, and maintenance reminders in real time.

Intelligent protection: It has multiple automatic protection functions, such as overload protection, phase loss protection, high temperature protection, overpressure protection, etc., effectively ensuring the safety of equipment and personnel.

Networking and remote monitoring: Some high-end models support IoT functionality, which allows for remote monitoring of device operation status through mobile apps or computers, enabling predictive maintenance.

Easy to maintain

Humanized design: The chassis design is spacious, and the maintenance door has a large opening angle, making it convenient for users to conduct daily inspections and replacements of air filters, oil filters, oil separators, etc.

Centralized pipeline layout: The layout of oil and gas pipelines is clear and reasonable, reducing leakage points and facilitating troubleshooting.

Low-noise operation

Silent design: The use of efficient intake mufflers and soundproof enclosures effectively reduces the noise during operation, providing a more comfortable working environment for operators.

Product Selection Table:

BK series

Product Model	Exhaust pressure(Mpa)	Exhaust volume(m³/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
BK7.5-9G	0.8	1.1	7.5	G3/4	200	800×620×800
BK11-8G	0.8	1.7	11	G1	280	1000×670×1090
BK11-8G	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	5.6	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(m³/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	9.6	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	1800×1190×1730
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:

As a universal air compressor, the GVT series has an extremely wide range of applications, including but not limited to:

Manufacturing industry: automotive parts, mechanical processing, electronic assembly, home appliance manufacturing.

Chemicals and plastics: blow molding, injection molding, pneumatic conveying.

Food and Beverage: Packaging, Filling, Cleaning.

Textile industry: jet looms, dyeing and finishing.

Mining and building materials: pneumatic tools, mining equipment.

Others: pharmaceuticals, electricity, infrastructure construction, etc.

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.

Summary:

The Aipu GVT series screw air compressor is a mature industrial product that integrates high efficiency, reliability, intelligence, and easy maintenance. It is not only a reliable "power source" on the production line, but also a powerful tool to help enterprises reduce operating costs and achieve green manufacturing due to its excellent energy-saving characteristics, especially the permanent magnet frequency conversion model. For users seeking cost-effective and stable gas supply solutions, the Aipu GVT series is a trustworthy choice.

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.

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

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

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.



Yixing Aipu Air System Equipment Co., Ltd



13771572002



183426306@qq.com



aipukqdl.com

Yixing Yicheng Street Hardware Electromechanical City, Phase I, Block 5, District 3, 8071