

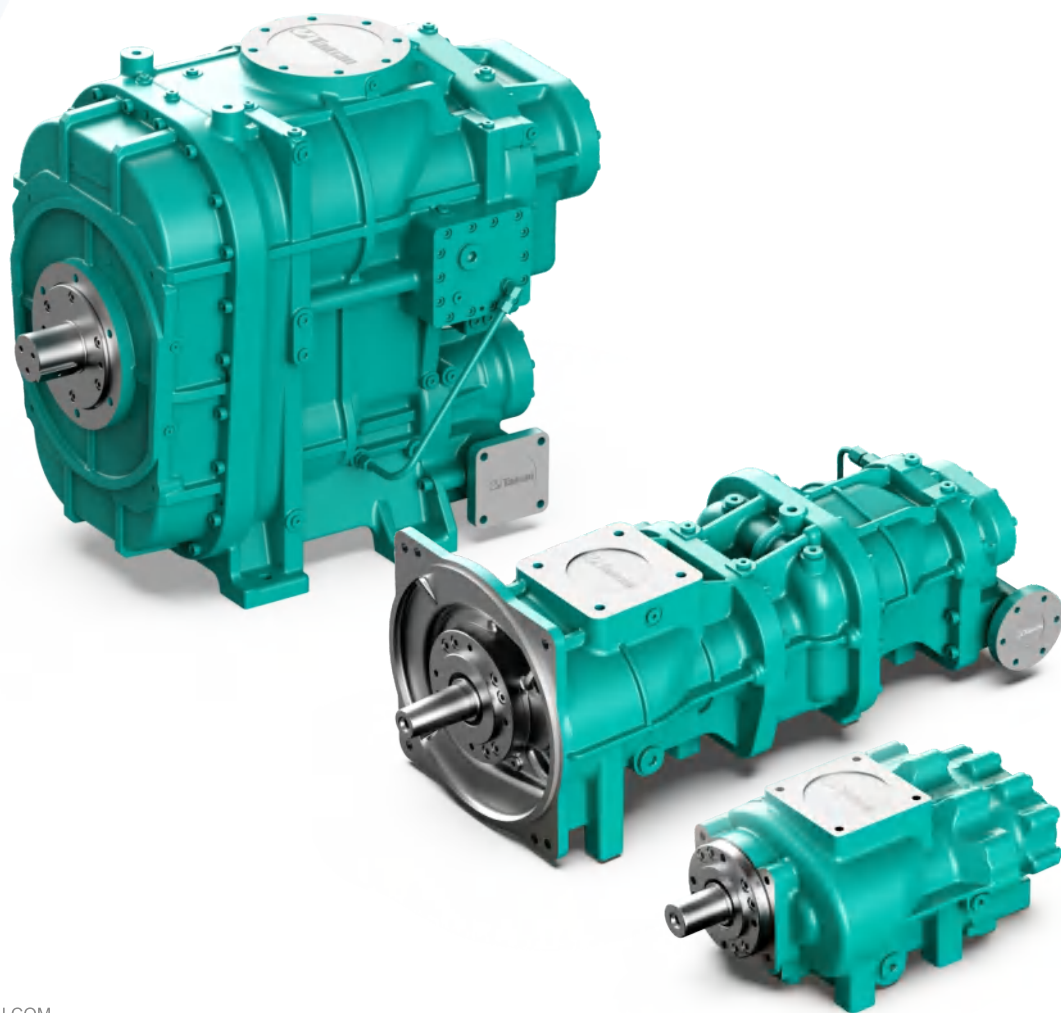


泰田集团

TAITIAN GROUP

SCREW COMPRESSOR AIR END CATALOGUE

螺杆式空气压缩机主机样册



WWW.CHINATAITIAN.COM

400-826-1128

TAITIAN GROUP CO.,LTD.

泰田集团股份有限公司

智慧压缩机站 节能解决方案服务商

INTELLIGENT COMPRESSOR STATION
ENERGY-SAVING SOLUTION SUPPLIER

专精特新“小巨人”企业

Nation Specialized and innovative "Little Giant" Firm

浙江“品”字标企业

Zhejiang "Good Quality" Title Enterprise

20多年专注于精密机械制造领域

Focused on the Precision Machinery Manufacturing for Over 20 Years

800余名匠心金牌员工

More Than 800 Outstanding Ingenuity Employees

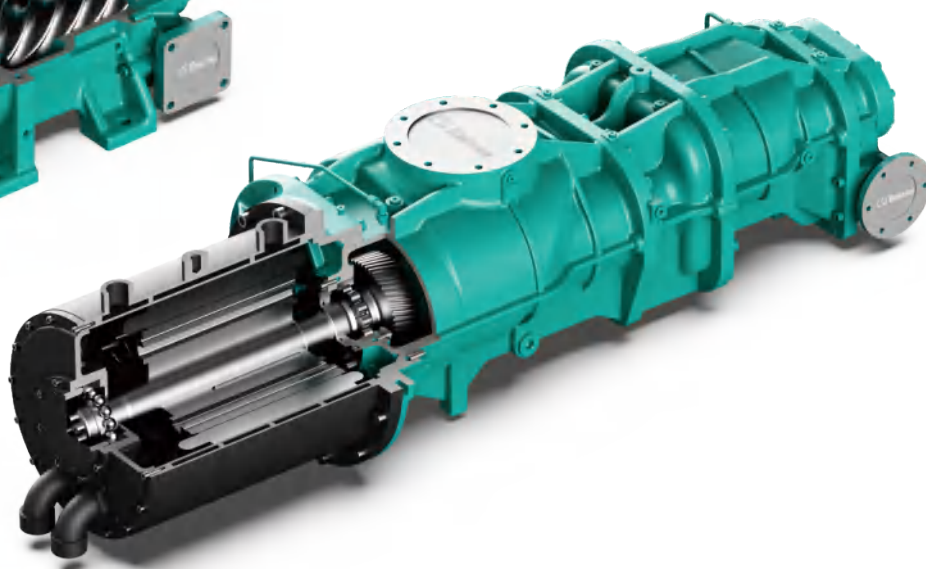
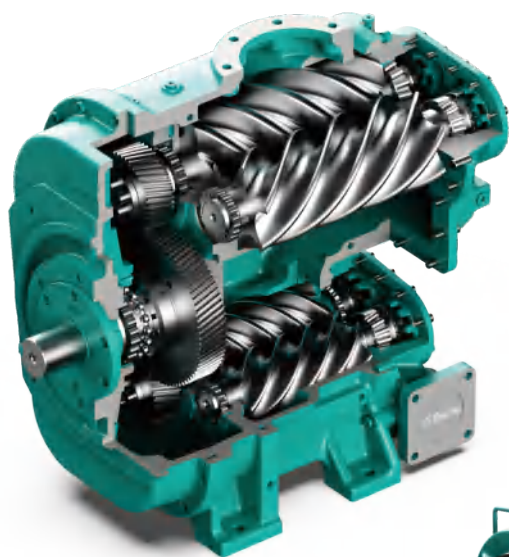
工业之心 泰田智造

CORE TECHNOLOGY TAITIAN EVOLUTION

同比单级

节能**20-35%**以上

20-35% Saving VS Single stage





Enterprise Profile

泰田集团股份有限公司成立于2007年，注册资金6088万元，现拥有员工900余人，是一家集研发、生产与销售为一体的高新技术企业，也是“专精特新”小巨人企业。拥有精密机床/空气压缩机、压缩机主机、拧紧工具以及精密机械零件加工三大生产基地。

公司始终将技术研发视为企业发展的核心动力，先后构建了市级重点实验室、市级企业技术中心、省级高新技术研究开发中心及省级研究院，累计获批专利100余项，荣获多项荣誉称号，共起草参与制定国家标准3项，行业标准3项，团体标准2项，浙江制造团体标准1项。

公司始终坚信先进的装备是一流品质的保障，引进国外先进生产线，并配备2000多台CNC加工设备，全面部署MES+ERP系统，实现人机信息的高度一体化，构建起泰田独有的“一人多机、人机物协同”的多环节制程管控新体系，形成了泰田“专、精、尖”的智造模式，成为工业制造领域内提供精密机床、智能拧紧、节能空气压缩机、高难度精密机械零件制造解决方案的服务商。

Taitian Group Co.,Ltd. It was established in 2007 with a registered capital of 60.88 million CNY. It currently has more than 900 employees. It is a high-tech enterprise integrating R&D, sales and production. It is Leading small and medium enterprises that specialize in niche sectors enterprise with three major production bases for precision machine tools, screw air compressor, screw air compressor air end, tightening tools and precision parts processing.

The company has always regarded technological research and development as the core driving force for corporate development. It has successively built a municipal key laboratory, a municipal enterprise technology center, a provincial high-tech research and development center, and a provincial research institute. It has been approved for more than 100 patents and won many honorary titles. It has drafted and participated in the formulation of 3 national standards, 3 industry standards, 2 group standards, and 1 Zhejiang Manufacturing Group Standard.

The company has always believed that advanced equipment is the guarantee of first-class quality. It has more than 2,000 CNC processing equipment, comprehensively promoted the MES and ERP systems, realized the integration of human-machine information, and built Taitian's unique one-person-multiple-machine, human-machine-object, and multi-link process control new system, forming Taitian's specialized, precise, and cutting-edge intelligent manufacturing model, providing industrial manufacturing companies with precision machine tools, intelligent tightening, energy-saving screw air compressors, and high-difficulty precision parts manufacturing solution service provider.



▲ 精密机床/压缩机事业部
Precision Machine Tools/Compressor Division



▲ 压缩机主机事业部
Compressor Air End Division



▲ 拧紧工具事业部
Tightening Tools Business Department

LEADING INSPECTION EQUIPMENT

国际领先的检测设备

公司先后引进雷尼绍、球杆仪、雷尼绍激光干涉仪、基太克卧式动平衡仪、海克斯康三坐标检测仪、马尔高度测量仪、德国斯派克光谱仪、卡尔蔡司金相分析仪，先进的检测设备为成就一流的产品品质夯实了基础。

Our company has introduced Renishaw, ball bar instrument, Renishaw laser interferometer, KITAG horizontal dynamic balance Instrument, Hexagon coordinate measuring instrument, Marr height measuring instrument, Germany spectrometer, and Carl Zeiss Division metallographic analyzer. These advanced testing equipments have laid a solid foundation for the achievement of first-class product quality .



装配

企业

泰田
造品

公司先后引进奥地利AICHELIN集团6套全自动渗碳淬火生产线，卧式加工中心等2000多台CNC加工设备，先进的生产装备为成就一流的产品品质夯实了基础。

Our company possesses 6 fully automatic metal hardening system from AICHELIN(Austria) and over 2000 CNC machines that have vertical and horizontal machining capabilities. These advanced production equipments have laid a solid foundation for achieving first-class product quality.



Enterprise Honor

企业荣誉



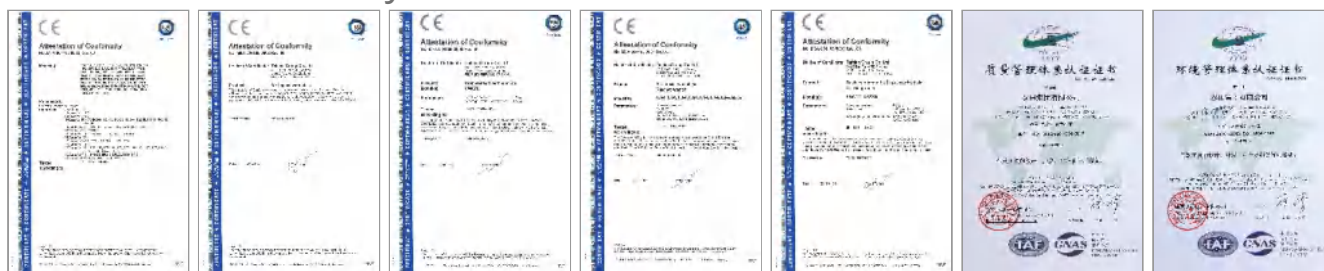
国家（行业）标准制定

National (industry) standard making

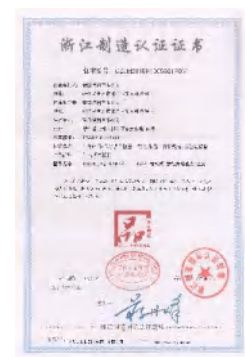
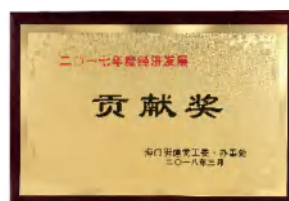
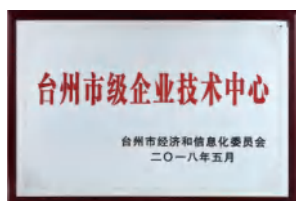
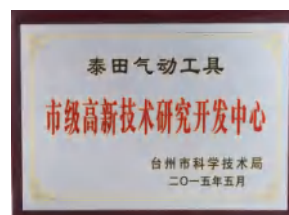
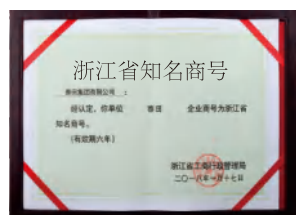
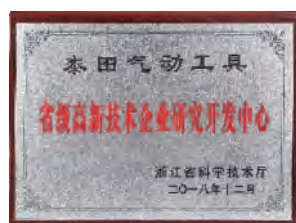
- 《直柄式砂轮机》国家标准第一起草单位
 - 《往复式锯、抛光机和锉刀以及摆式或回转式锯》国家标准第一起草单位
 - 《冲剪机和剪刀》国家标准参与制定单位
 - 《冲击式气螺刀》行业标准起草单位
 - 《冲击式气扳机》行业标准起草单位
 - 《气动定扭螺丝刀》团体标准第一起草单位
 - 《冲击式气动螺丝刀》团体标准第一起草单位
 - 《冲击式气扳机》“浙江制造”团体标准第一起草单位
-
- 《Straight Type Grinding Machine》National Standard First Drafter
 - 《Punching and Shearing Machine or Shearing Machine》National Standard Drafter
 - 《Reciprocating Saw, Polishing Machine and File with Pendulum or Rotary Saw》National Standard First Drafter
 - 《Air Screwdriver》Industry Standard Drafter
 - 《Air Impact Wrench》Industry Standard Drafter
 - 《Oil Pulse Torque Control Screwdriver》Group Standard First Drafter
 - 《Air Impact Screwdriver》Group Standard First Drafter
 - 《Air Impact Wrench》"Made in Zhejiang" Group Standard First Drafter

德国TUV品质及体系认证：ISO9001、ISO14001、IOS18001

German TÜV Quality Certification and ISO 9001/14001/18001



- 2010年被台州市评为“台州名牌产品”
- 2011年被台州市评为“进出口规范企业”
- 2012年荣获椒江区“企业贡献奖”
- 2013年荣获椒江区“成长之星奖”
- 2014年被椒江区评为“机器换人示范企业”
- 2015年被浙江省评为“浙江省科技型中小企业”
- 2015年被台州市评为“台州市级高新技术企业”、
- 2016年被评为“国家级高新技术企业”
- 2016年被浙江省评为“浙江名牌产品”
- 2016年被台州市评为“台州市进出口诚信企业”
- 2017年被浙江省评为“浙江省知名商号”
- 2018年荣获椒江区政府质量奖
- 2018年被台州市评为“瞪羚企业”
- 2018年被浙江省评为“省级高新技术企业研究开发中心”
- 2018年被浙江省评为“浙江省级企研究院”“浙江省省级企业技术中心”
- 2019年被浙江制造国际认证联盟认证为“浙江制造”
- 2019年被评为“浙江省守望合同重信用AA企业”
- 2019被台州市评为“台州市小巨人企业”
- 2019年被台州市评为“台州市精细化管理示范企业”
- 2019年被台州市认定为台州市进出口名牌产品
- 2020年度被评为国家专精特新“小巨人”企业



SCREW COMPRESSOR AIR END CATALOGUE

螺杆式空气压缩机主机样册

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V SERIES SINGLE STAGE AIR END
V系列单级主机



V SERIES PRODUCT ADVANTAGE

V系列产品优势



● 先进的齿型线:

采用第三代非对称齿型，主转子五齿，副转子六齿，齿间落差小，因此回流损失小。比传统的四对六齿型高效节能。

● 轴承配置:

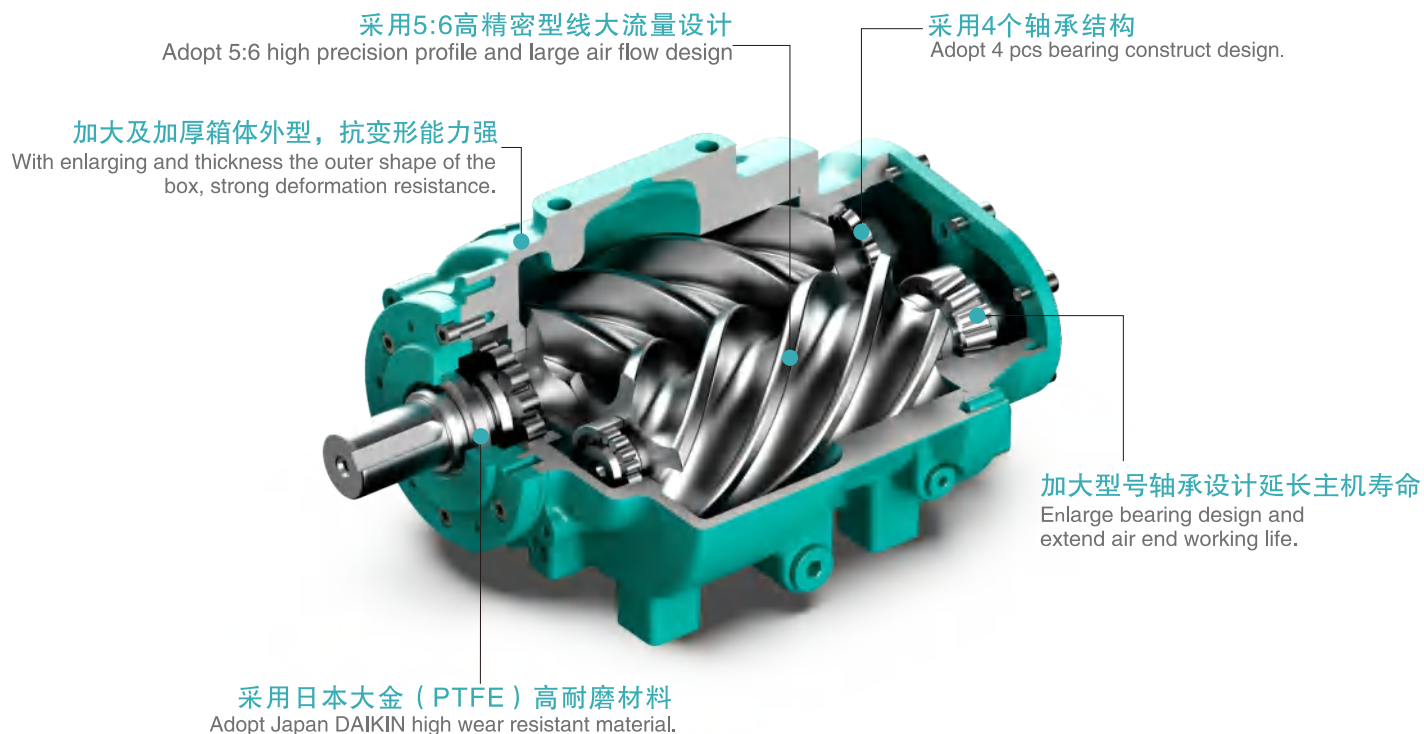
采用了高精度的圆锥轴承等4个轴承配置，超长寿命、高效、低噪音、低振动、高可靠性，提供高性能的压缩机主机。

● Advantage Profile:

Adopt the third generation of asymmetrical profile, male rotor and female rotor is 5:6, the smaller teeth gap leads to fewer return loss. It's better than traditional 4:6 gear profile rotor and more efficiency.

● Bearing Configuration:

Adopt 4pcs high precision tapered bearing configuration. As long working life, high efficiency, low noise, low vibration, high reliable, provide high performance compressor air end.



V SERIES SINGLE STAGE AIR END V 系列单级主机



产品特点

- 4个轴承结构

采用4个轴承结构，具有更高的精度，使性能更加稳定，确保主机更高的可靠性。

- 加强型壳体

采用高强度铸铁材质，加厚、加强型壳体设计，从而降低了主机的振动，提高了主机整体的使用寿命。

Product Feature

- Adopt 4 pcs Bearing Construct

Adopt 4 pcs bearing construct, more high precision, performance more stable, ensuring more reliable air end work.

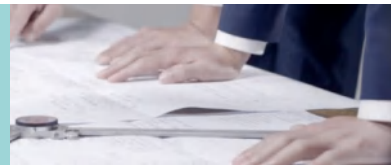
- Enhanced Housing

Adopt high-strength cast iron material, thickened and enhanced housing design, reduced the vibration of the air end. And extend the working life.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
DLG2.2V	2950	2.2	0.3	8.1	7.9	1.8
DLG3V	2950	3.1	0.4	8.9	8.2	2.5
DLG4V	2950	3.7	0.5	7.9	10.4	3.0
DLG5.5V	2950	4.7	0.6	7.8	13.1	3.8
DLG6.5V	3550	8.1	1.1	7.5	17.5	6.5
DLG7V	2950	7.8	1.1	7.1	19.7	6.2
DLG11V	2950	11.6	1.9	6.2	22.5	9.3
DLG15V	2950	15.9	2.5	6.5	28.2	12.7
DLG18.5V	2950	20.9	3.2	6.6	54.0	16.7
DLG22V	2950	23.1	3.6	6.4	55.3	18.5
DLG30V	2950	33.8	5.4	6.3	63.2	27.0
DLG37VR	2950	41.6	6.5	6.4	76.1	32.3
DLG45VR	2950	52.3	7.8	6.7	78.2	41.9
DLG55VR	2950	61.2	9.9	6.2	97.3	49.0
DLG75VR	2950	81.0	12.6	6.4	132.9	64.8
DLG90VR	2950	100.0	15.3	6.5	137.0	80.0
DLG110VR	2950	123.0	18.7	6.6	138.6	98.4
DLG132VR	2950	147.0	23.2	6.3	151.1	117.6

AA SERIES SINGLE STAGE (NORMAL PRESSURE) AIR END AA 系列单级常压主机



● 先进的齿型线：

采用第三代非对称齿型，主转子五齿，副转子六齿，齿间落差小，因此回流损失小。比传统的四对六齿型高效节能。

● 轴承配置：

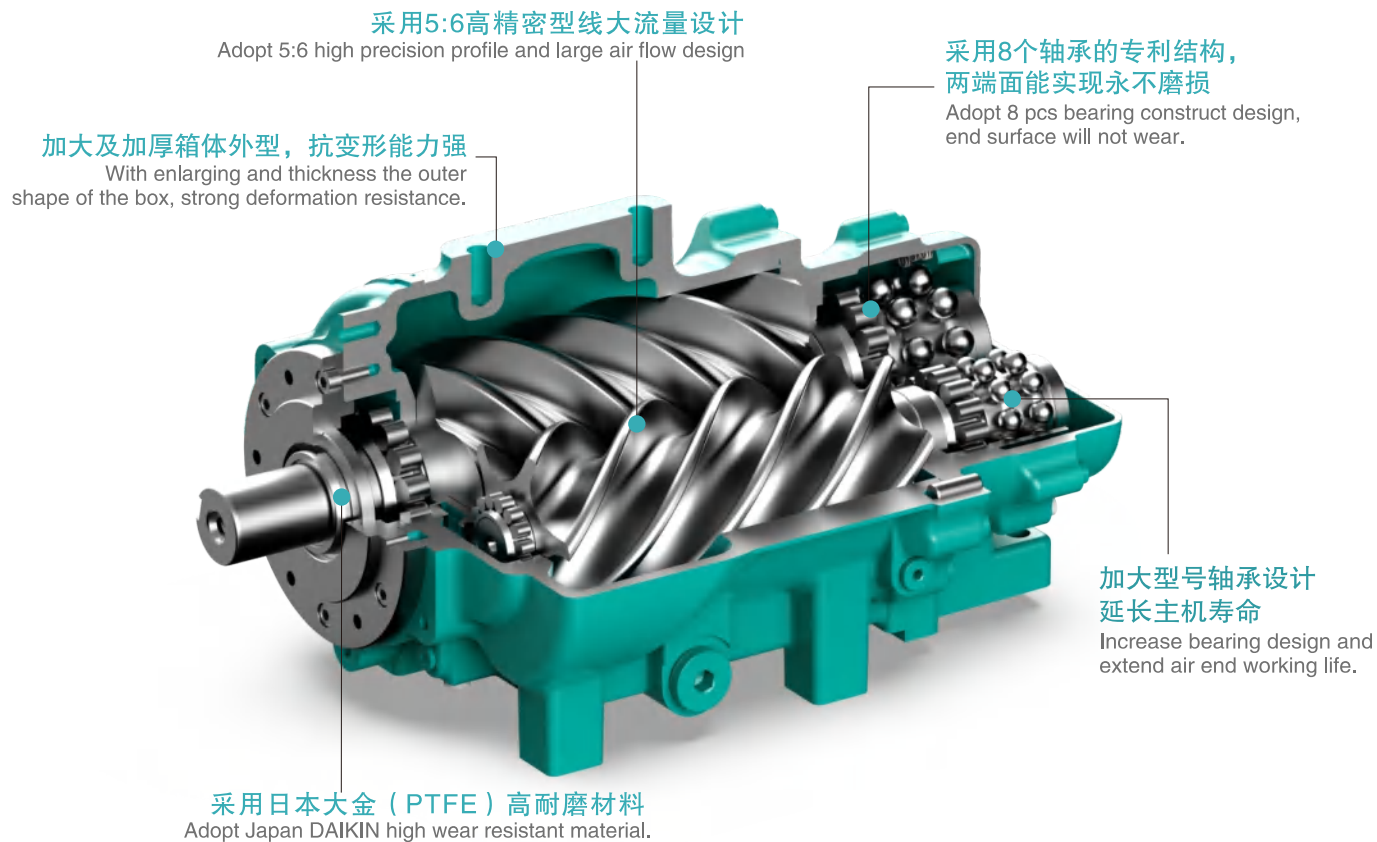
采用了8个轴承配置，可承受1.6MPa压力，超长寿命、高效、低噪音、低振动、高可靠性，提供高性能的压缩机主机。

● Advantage Profile :

Adopt the third generation of asymmetrical profile, male rotor and female rotor is 5:6, the smaller teeth gap leads to fewer return loss. It's better than traditional 4:6 gear profile rotor and more efficiency.

● Bearing Configuration:

Adopt 8pcs high precision tapered bearing configuration. As long working life, high efficiency, low noise, low vibration, high reliable, provide high performance compressor air end.



AA SERIES SINGLE STAGE AIR END

AA 系列单级主机



产品特点

● 高精密封轴承结构

采用8颗轴承结构，具有更高的精度，使性能更加稳定，确保主机更高的可靠性。

● 加强型壳体

采用高强度铸铁材质，加厚、加强型壳体设计，从而降低了主机的振动，提高了主机整体的使用寿命。

Product Feature

● High precision bearing structure

Adopts 8 pcs bearing structure with higher precision, making the performance more stable and ensuring higher reliability of the air end.

● Enhanced housing

Adopts high-strength cast iron and has a thickened and enhanced housing design, thereby reducing the vibration of the air end, and improving the working life of air end.



型号 Model	额定功率 Rated Power (kW)	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
DLG6.5AA	7.5	3550	8.1	1.1	7.5	17.5	6.5
DLG7AA	7.5	2950	7.8	1.1	7.1	19.7	6.2
DLG11AA	11	2950	11.6	1.9	6.2	22.5	9.3
DLG15AA	15	2950	15.9	2.5	6.5	28.2	12.7
DLG18.5AA	18.5	2950	20.9	3.2	6.6	54.0	16.7
DLG22AA	22	2950	23.1	3.6	6.4	55.3	18.5
DLG30AA	30	2950	33.8	5.4	6.3	63.2	27.0
DLG37AAR	37	2950	41.6	6.5	6.4	76.1	33.3
DLG45AAR	45	2950	52.3	7.8	6.7	78.2	41.8
DLG55AAR	55	2950	61.2	9.9	6.2	97.3	49.0
DLG75AAR	75	2950	81.0	12.6	6.4	132.9	64.8
DLG90AAR	90	2950	100.0	15.3	6.5	137.0	80.0
DLG110AAR	110	2950	123.0	18.7	6.6	138.6	98.4
DLG132AAR	132	2950	147.0	23.2	6.3	151.1	117.6
DLG160AA	160	2950	163.0	27.8	5.9	178.0	130.4
DLG185AA	185	2950	195.0	32.1	6.1	211.0	156.0
DLG220AA	220	2950	219.0	36.0	6.1	232.0	175.2
DLG250AA	250	2950	260.0	43.5	6.0	281.0	208.0
DLG315AA	315	2950	313.0	52.3	6.0	330.0	250.4
DLG185AAB	185	2200	200.0	32.5	6.2	221.0	160.0
DLG280AAB	280	2200	308.0	50.5	6.1	330.0	246.4
DLG355AAB	355	2200	382.0	64.2	6.0	400.0	305.6

AL SERIES SINGLE STAGE (LOW PRESSURE) AIR END

AL 系列单级（低压）主机



产品特点

● 轴承结构

采用8颗轴承结构，具有更高的精度，使性能更加稳定，确保主机更高的可靠性。

● 加强型壳体

采用高强度铸铁材质，加厚、加强型壳体设计，从而降低了主机的振动，提高了主机整体的使用寿命。

Product Feature

● Bearing structure

Adopts an 8 pcs bearing structure with higher precision, making the performance more stable and ensuring higher reliability of the air end.

● Enhanced housing

Adopt high-strength cast iron and has a thickened and enhanced housing design, thereby reducing the vibration of the air end.and improving the working life of air end.



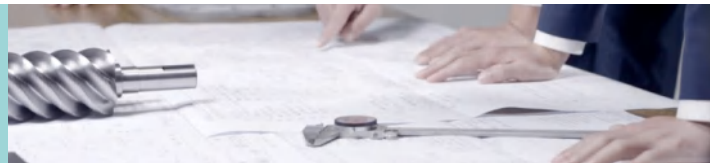
型号 Model	电机功率 Motor Power (kw)	输入转速 Input Speed (rpm)	排气压力 Exhaust Pressure (Mpa)	轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
DLG18.5AA-11AL	11	2950	0.3	12.5	3.2	3.9	22.5	10.0
DLG22AA-15AL	15	2950	0.3	14.1	3.6	3.9	28.2	11.3
DLG30AA-18.5AL	18.5	2950	0.3	20.2	5.3	3.8	29.6	16.2
DLG37AAR-22AL	22	2950	0.3	25.6	6.8	3.8	30.0	20.5
DLG45AAR-30AL	30	2950	0.3	32.4	8.5	3.8	47.0	25.9
DLG55AAR-37AL	37	2950	0.3	37.9	10.0	3.8	53.0	30.3
DLG75AAR-45AL	45	2950	0.3	49.4	13.1	3.8	67.0	39.5
DLG90AAR-55AL	55	2950	0.3	61.1	16.5	3.7	85.0	48.9
DLG110AAR-75AL	75	2950	0.3	77.0	20.1	3.8	100.0	61.6
DLG132AAR-90AL	90	2950	0.3	91.0	24.3	3.7	125.0	72.8
DLG160AA-110AL	110	2950	0.3	108.5	29.6	3.7	147.0	86.8
DLG185AA-132AL	132	2950	0.3	128.7	36.4	3.5	173.0	103.0
DLG200AA-160AL	160	2950	0.3	167.2	46.2	3.6	208.0	133.8
DLG220AA-185AL	185	2950	0.3	193.3	54.0	3.6	233.0	154.6
DLG285AA-220AL	220	2950	0.3	229.5	65.2	3.5	275.0	183.6
DLG315AA-250AL	250	2950	0.3	263.0	74.9	3.5	303.0	210.4

G SERIES SINGLE STAGE SCREW(MEDIUM-HIGH PRESSURE /HIGH PRESSURE/INCREASED PRESSURE) AIR END

G系列单级（中高压/高压/增压）螺杆压缩机主机

G SERIES PRODUCT ADVANTAGE

G系列产品优势



● 先进的齿型线:

采用第三代非对称齿型，主转子五齿，副转子六齿，齿间落差小，因此回流损失小。比传统的四对六齿型高效节能。

● 轴承配置:

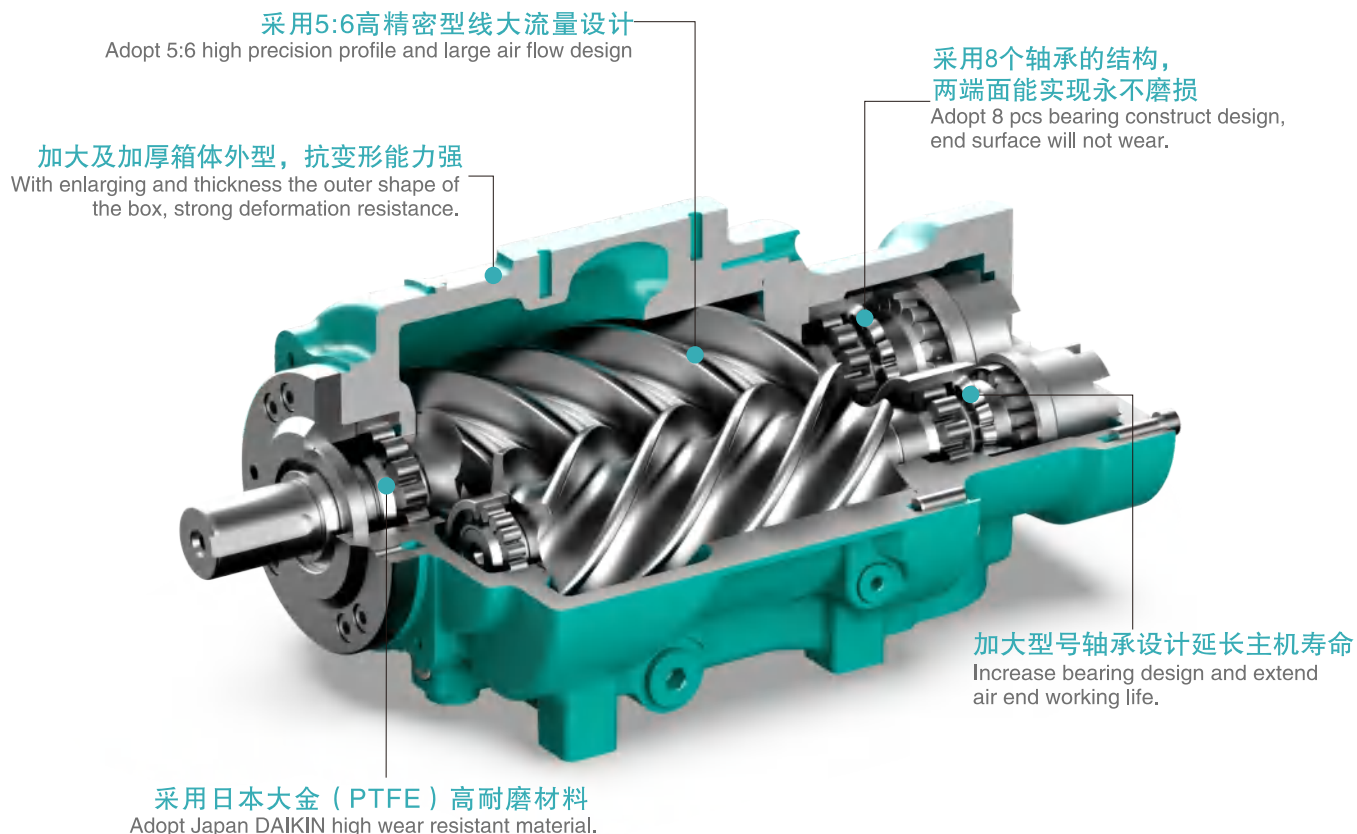
采用了行业中8个轴承配置，超长寿命、高效、低噪音、低振动、高可靠性，提供高性能的压缩机主机。

● Advantage Profile:

Adopt the third generation of asymmetrical profile, male rotor and female rotor is 5:6, the smaller teeth gap leads to fewer return loss. It's better than traditional 4:6 gear profile rotor and more efficiency.

● Bearing Configuration:

Adopt tapered bearing with 8 pcs for whole set arrangement. As long working life, high efficiency, low noise , low vibration, high reliable, provide high-performance compressor air end.



SINGLE STAGE (MEDIUM PRESSURE) SCREW COMPRESSOR AIR END

单级（中压）螺杆压缩机主机

型号 Model	输入转速 Input Speed (rpm)	排气压力 Exhaust Pressure (Mpa)	轴功率 Shaft Power (kW)	排气量 Air Discharge (m ³ /min)	比功率 Specific Power kW/(m ³ /min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
DLG6.5G	3550	2.0	12.3	1.02	12.1	12.7	9.84
DLG7G	2950	2.0	12.2	1.04	11.7	12.6	9.76
DLG11G	2950	2.0	17.7	1.48	12.0	18.2	14.16
DLG15G	2950	2.0	24.1	2.01	12.0	25.1	19.28
DLG18.5G	2950	2.0	29.7	2.52	11.8	30.6	23.76
DLG22G	2950	2.0	35.3	2.99	11.8	36.0	28.24
DLG30G	2950	2.0	48.2	4.16	11.6	50.1	38.56
DLG37G	2950	2.0	59.4	5.21	11.4	62.4	47.52
DLG45G	2950	2.0	72.3	6.51	11.1	75.2	57.84
DLG55G	2950	2.0	88.3	8.10	10.9	89.2	70.64
DLG75G	2950	2.0	120.5	11.26	10.7	125.3	96.40
DLG90G	2950	2.0	144.5	13.38	10.8	150.3	115.60
DLG110G	2950	2.0	176.7	16.83	10.5	183.8	141.36
DLG132G	2950	2.0	212.0	20.19	10.5	220.5	169.60
DLG160G	2950	2.0	249.2	22.86	10.9	259.2	199.36
DLG185G	2950	2.0	350.6	33.08	10.6	352.0	280.48
DLG220G	2950	2.0	342.6	32.02	10.7	344.0	274.07
DLG250G	2950	2.0	389.3	37.08	10.5	391.3	311.44
DLG315G	2950	2.0	490.5	47.17	10.4	493.0	392.42
DLG185G	2200	2.0	288.1	27.97	10.3	291.0	230.47
DLG280G	2200	2.0	436.0	42.33	10.3	440.4	348.82
DLG355G	2200	2.0	552.8	54.73	10.1	558.3	442.24

SINGLE STAGE (INCREASED PRESSURE/HIGH PRESSURE) SCREW COMPRESSOR AIR END 单级（增压/高压）螺杆压缩机主机



最高压力可高达3.5MPa
The maximum pressure can be up to 3.5MPa

为客户专属定制开发 Customized development for customers



产品特点

- 轴承结构

采用高压可承受3.5MPa轴承结构，具有更高的精度，使性能更加稳定，确保主机更高的可靠性。

- 加强型壳体

采用高强度铸铁材质，加厚、加强型壳体设计，从而降低了主机的振动，提高了主机整体的使用寿命。

Product Feature

- Bearing structure

Adopts a bearing structure that can withstand high pressure of 3.5MPa and has higher precision, making the performance more stable and ensuring higher reliability of the air end.

- Enhanced housing

Adopts high-strength cast iron and has a thickened and enhanced housing design, which reduces the vibration of the air end and increases the overall working life of the air end.

SINGLE STAGE INTEGRATED SERIES
单级一体机系列



VF SERIES SINGLE STAGE PM AIR COOLED INTEGRATED AIR END VF 系列单级永磁风冷一体主机



产品特点

- 电机与转子采用锥度压盖锁紧设计，降低主机震动。
- 节省整机设计空间，减少制造成本。
- 维修拆卸方便，使用专用夹具可轻松拆卸电机。

Product Feature

- The motor and rotor adopts taper design. Reduce air end vibration.
- Save the design space of the whole machine and reduce the manufacturing cost.
- It is easy to disassemble and repair, and the motor can be easily disassembled with a special clamp.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YD4VF	2950	3.7	0.5	7.9	10.4	3.0
YD5.5VF	2950	4.7	0.6	7.8	13.1	3.8
YD6.5VF	3550	8.1	1.1	7.5	17.5	6.5
YD7VF	2950	7.8	1.1	7.1	19.7	6.2
YD11VF	2950	11.6	1.9	6.2	22.5	7.3
YD15VF	2950	15.9	2.5	6.5	28.2	12.7
YD22VF	2950	23.1	3.6	6.4	55.3	18.5
YD30VF	2950	33.8	5.4	6.3	63.2	27.0
YD37VF	2950	41.6	6.5	6.4	76.1	33.3

VY SERIES SINGLE STAGE PM OIL COOLED INTEGRATED AIR END

VY系列单级永磁油冷一体主机

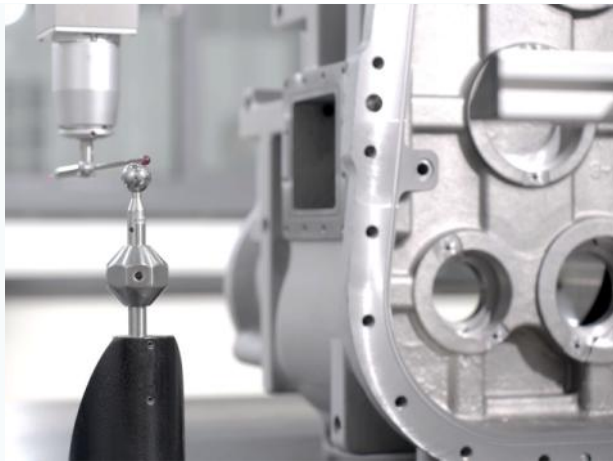


产品特点

- 电机与转子采用锥度压盖锁紧设计，降低主机震动。
- 节省整机设计空间，减少制造成本。
- 维修拆卸方便，使用专用夹具可轻松拆卸电机。

Product Feature

- The motor and rotor adopts taper design. Reduce air end vibration.
- Save the design space of the whole machine and reduce the manufacturing cost.
- It is easy to disassemble and repair, and the motor can be easily disassembled using a special clamp.



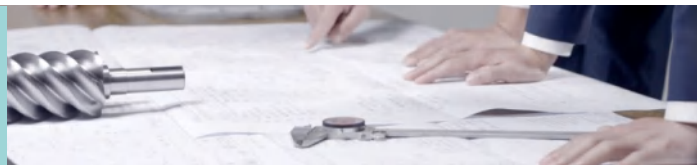
型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YD4VY	2950	3.7	0.5	7.9	10.4	3.0
YD5.5VY	2950	4.7	0.6	7.8	13.1	3.8
YD6.5VY	3550	8.1	1.1	7.5	17.5	6.5
YD7VY	2950	7.8	1.1	7.1	19.7	6.2
YD11VY	2950	11.6	1.9	6.2	22.5	9.3
YD15VY	2950	15.9	2.5	6.5	28.2	12.7
YD22VY	2950	23.1	3.6	6.4	55.3	18.5
YD30VY	2950	33.8	5.4	6.3	63.2	27.0
YD37VY	2950	41.6	6.5	6.4	76.1	33.3

DOUBLE STAGE AIR END SERIES
上下双级主机系列



K SERIES PRODUCT ADVANTAGE

K系列产品优势



● 先进的齿型线:

采用第三代非对称齿型，主转子五齿，副转子六齿，齿间落差小，因此回流损失小。比传统的四对六齿型高效节能。

● 科学的设计:

采用上下级结构，选用低噪音的齿轮连接转动，降低了轴功率的损耗，同比水平结构主机，大大提高了比功率性能。

● 轴承配置:

采用了高精密圆锥轴承等15个轴承配置，超长寿命、高效、低噪音、低振动、高可靠性，提供高性能的压缩机主机。

● Advantage Profile:

Adopt the third generation of asymmetrical profile, male rotor and female rotor is 5:6, the smaller teeth gap leads to fewer return loss. It's better than traditional 4:6 gear profile rotor and more efficiency.

● Scientific Design:

Adopt upper and lower structure, using low noise gear connection transmission, reduce shaft power loss. It's increased specific power performance which compared similar horizontal construct air end.

● Bearing Configuration:

Adopt tapered bearing with 15 pcs for whole set arrangement. As long working life, high efficiency, low noise low vibration. high reliable, provide high performance compressor air end.

加大及加厚箱体外形，抗变形能力强

With enlarging and thickness the outer shape of the box, strong deformation resistance.

15个轴承结构

Adopt 15 pcs bearing construct design.

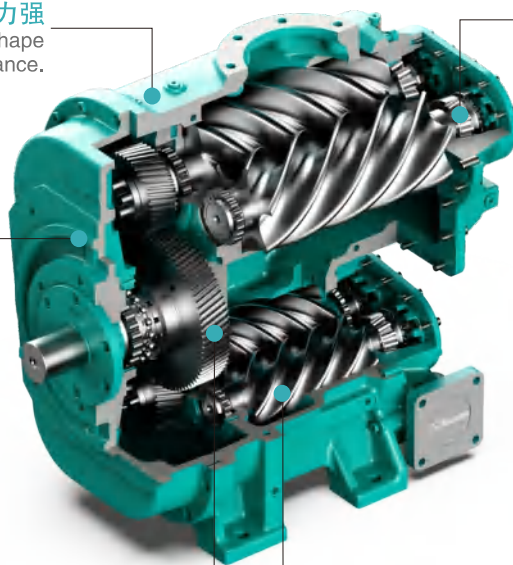
可连接柴油移动式空压机动力

Can connect with Diesel mobile compressor power

采用高精度、低噪音、斜齿轮传动
High precision, low noise, helical gear transmission

采用5:6高精度型线大流量设计

Adopt 5:6 high precision profile and large air flow design.



K SERIES DOUBLE STAGE AIR END

K 系列上下双级主机



产品特点

- 15个轴承结构
采用整机15个轴承结构，具有更高的精度，使性能更加稳定，确保主机更高的可靠性。
- 加强型壳体
采用高强度铸铁材质，加厚、加强型壳体设计，从而降低了主机的振动，提高了主机整体的使用寿命。
- 内置油路设计
机体采用内置油路设计，外观整体紧凑，降低了整机安装成本。

Product Feature

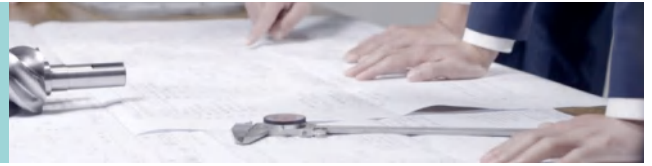
- 15pcs bearings construct
Whole set air end adopt 15pcs bearings. Have more high precision and performance more stable, air end more reliable.
- Enhanced Housing
Adopt high-strength cast iron material, thickened and enhanced housing design, reduced the vibration of the air end. And extend the working life.
- Built-in oil design
Overall compact appearance, reduce the installation cost of compressor.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kw)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kw)
SLG22K-15K-1.57	1480	17.9	3.2	5.6	40.5	14.3
SLG22K-18.5K-1.81	1480	21.0	3.6	5.9	43.2	16.8
SLG22K-22K-2.03	1480	25.7	4.1	6.3	45.0	20.6
SLG37K-30K-1.76	1480	33.2	5.7	5.9	47.2	26.6
SLG37K-37K-2.23	1480	42.5	7.2	5.9	48.0	34.0
SLG55K-45K-1.76	1480	53.4	8.8	6.1	55.0	42.7
SLG55K-55K-2.26	1480	66.7	11.2	6.0	65.0	53.4
SLG75K-55K-1.39	1480	61.0	11.5	5.3	72.0	48.8
SLG75K-75K-1.9	1480	87.0	15.8	5.5	92.0	69.6
SLG75K-90K-2.21	1480	103.0	18.5	5.6	112.0	82.4
SLG110K-90K-1.62	1480	102.0	19.2	5.3	109.0	81.6
SLG110K-110K-1.91	1480	120.0	22.8	5.3	133.0	96.0
SLG110K-132K-2.20	1480	148.9	26.4	5.6	167.0	119.1

N SERIES PRODUCT ADVANTAGE

N系列产品优势



产品特点

- **20个轴承结构**

主机采用19/20个轴承结构，排气端选用高速角接触轴承，行业最高配置可承受最高压力2.0MPa

- **加强型壳体**

采用高强度铸铁材质，加厚、加强型壳体设计，从而降低了主机的振动，提高了主机整体的使用寿命。

- **内置油路设计**

机体采用内置油路设计，外观整体紧凑，降低了整机安装成本。

Product Feature

- **20 pcs Bearings Structure**

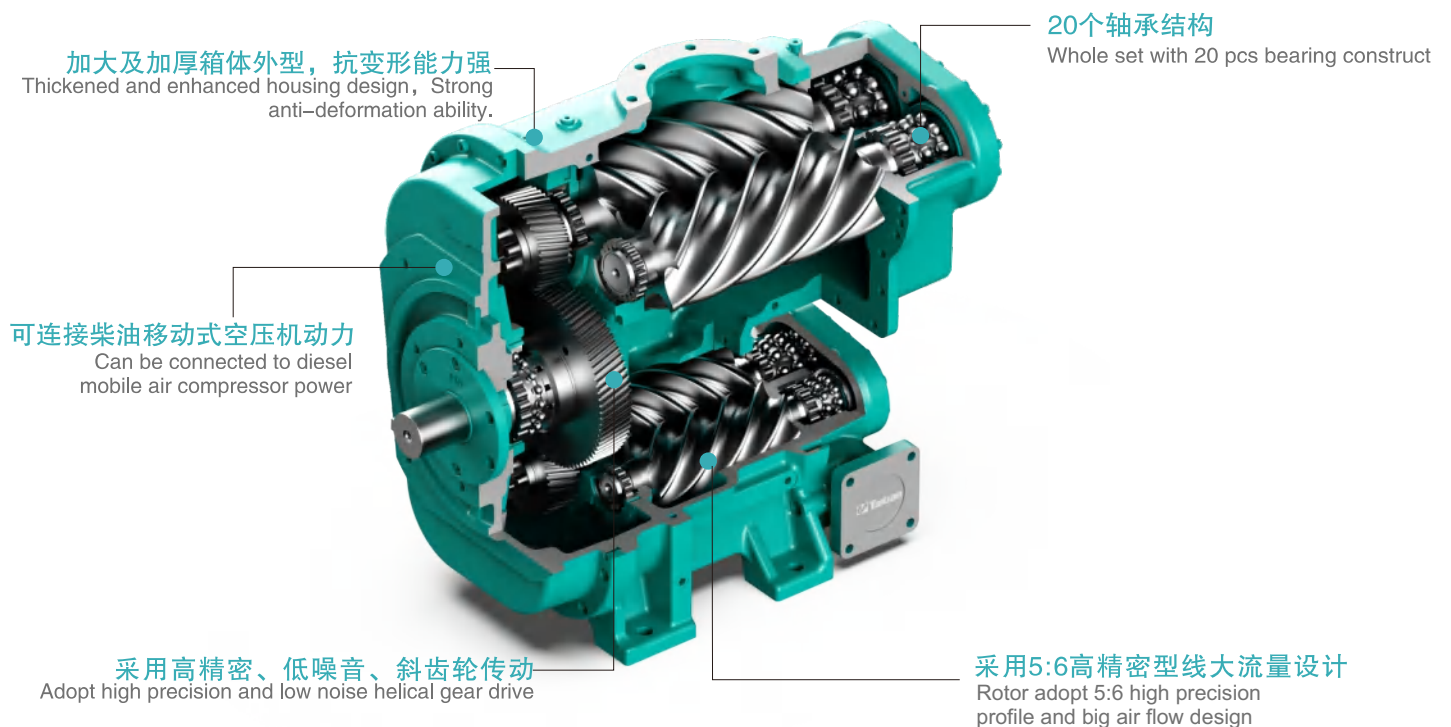
The air end adopts 19/20 pcs bearings structure, and the exhaust end uses high-speed angular contact bearings. It has the highest configuration in the field. and can withstand the highest pressure of 2.0MPa.

- **Enhanced housing**

Adopts high-strength cast iron and has a thickened and enhanced housing design, which reduces the vibration of the host and increases the overall working life of the air end.

- **Built-in oil circuit design**

The air end chamber adopts a built-in oil circuit design, and the overall appearance is compact, which reduces the installation cost of the whole machine.

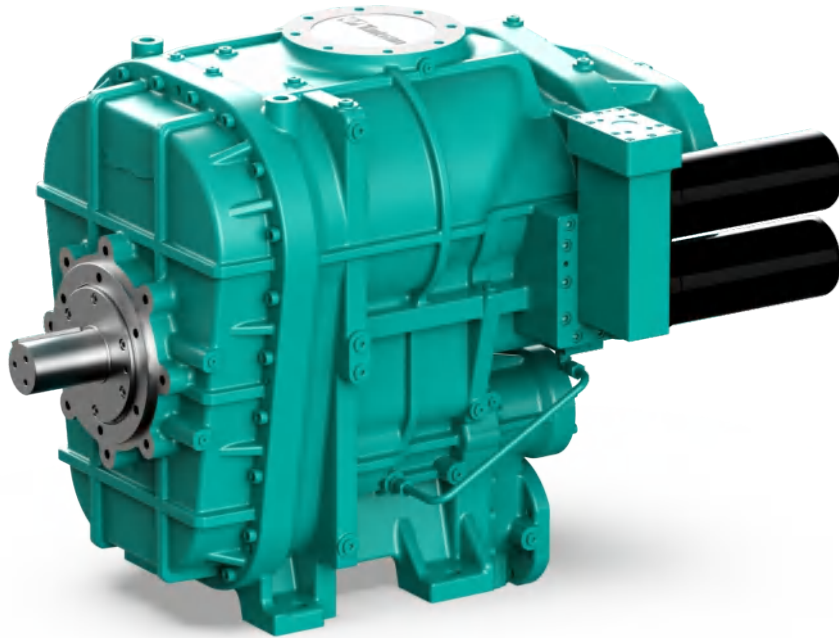


N SERIES DOUBLE STAGE AIR END N 系列上下双主机



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
SLG22N-15K-1.57	1480	17.9	3.2	5.6	40.5	14.3
SLG22N-18.5K-1.81	1480	21.0	3.6	5.9	43.2	16.8
SLG22N-22K-2.03	1480	25.7	4.1	6.3	45.0	20.6
SLG22N-30K-2.56	1480	32.5	5.0	6.5	47.3	26.0
SLG37N-30K-1.76	1480	33.2	5.7	5.9	47.7	26.6
SLG37N-37K-2.23	1480	42.5	7.2	5.9	48.0	34.0
SLG55N-45K-1.76	1480	53.4	8.8	6.1	55.0	42.7
SLG55N-55K-2.26	1480	66.7	11.2	6.0	65.0	53.4
SLG75N-55K-1.39	1480	61.0	11.5	5.3	72.0	48.8
SLG75N-75K-1.84	1480	82.0	15.3	5.4	85.0	65.6
SLG75N-75K-1.90	1480	87.0	15.8	5.5	92.0	69.6
SLG75N-90K-2.21	1480	103.0	18.5	5.6	112.0	82.4
SLG110N-90K-1.73	1480	103.5	19.9	5.2	114.0	82.8
SLG110N-110K-1.98	1480	130.0	23.7	5.5	136.5	104.0
SLG110N-132K-2.20	1480	148.9	26.4	5.6	167.0	119.1
SLG132N-110K-1.55	1480	123.0	22.9	5.4	130.0	98.4
SLG132N-132K-1.86	1480	154.0	27.4	5.6	163.2	123.2
SLG132N-160K-2.11	1480	174.0	31.3	5.6	185.0	139.2
SLG160N-132K-1.50	1480	149.0	26.8	5.6	162.0	119.2
SLG160N-160K-1.84	1480	183.0	33.2	5.5	197.0	146.4
SLG160N-185K-2.09	1480	207.5	37.2	5.6	221.0	166.0
SLG220N-160K-1.32	1480	180.1	33.3	5.4	199.0	144.1
SLG220NB-185K-1.38	1480	203.0	35.7	5.7	213.0	162.4
SLG220NB-200K-1.56	1480	229.0	40.1	5.7	242.0	183.2
SLG220NB-220K-1.71	1480	254.0	44.4	5.7	271.0	203.2
SLG315N-200K-1.09	1480	236.8	43.1	5.5	252.0	189.4
SLG315N-220K-1.21	1480	249.4	45.8	5.5	275.0	199.5
SLG315N-250K-1.31	1480	279.0	60.0	5.5	301.0	223.2
SLG315N-285K-1.53	1480	321.0	59.2	5.4	350.0	256.8
SLG315N-315K-1.66	1480	355.2	63.4	5.6	383.0	284.2
SLG400N-250K-0.94	1480	279.0	52.1	5.4	293.0	223.2
SLG400N-285K-1.04	1480	308.0	57.2	5.4	322.0	246.4
SLG400N-315K-1.18	1480	349.0	64.6	5.4	365.0	279.2
SLG400N-355K-1.33	1480	395.7	73.9	5.4	418.0	316.6
SLG400N-400K-1.52	1480	450.0	83.6	5.4	482.0	360.0

GG SERIES DOUBLE STAGE (MEDIUM PRESSURE) AIR END GG系列上下双级（中压）主机



最高压力可高达3.5MPa
The maximum pressure can be up to 3.5MPa

产品特点

- 19个轴承结构
主机采用19个轴承结构，排气端选用高速角接触轴承，行业最高配置可承受最高压力3.5MPa。
- 内置油路设计
机体采用内置油路设计，外观整体紧凑，降低了整机安装成本。

Product Feature

- 19pcs bearings construct
Whole set air end adopt 19pcs bearings. and the exhaust end uses high-speed angular contact bearings. It has the highest configuration in the field. and can withstand the highest pressure of 3.5MPa.
- Built-in oil circuit design
The air end chamber adopts a built-in oil circuit design, and the overall appearance is compact, which reduces the installation cost of the whole compressor.



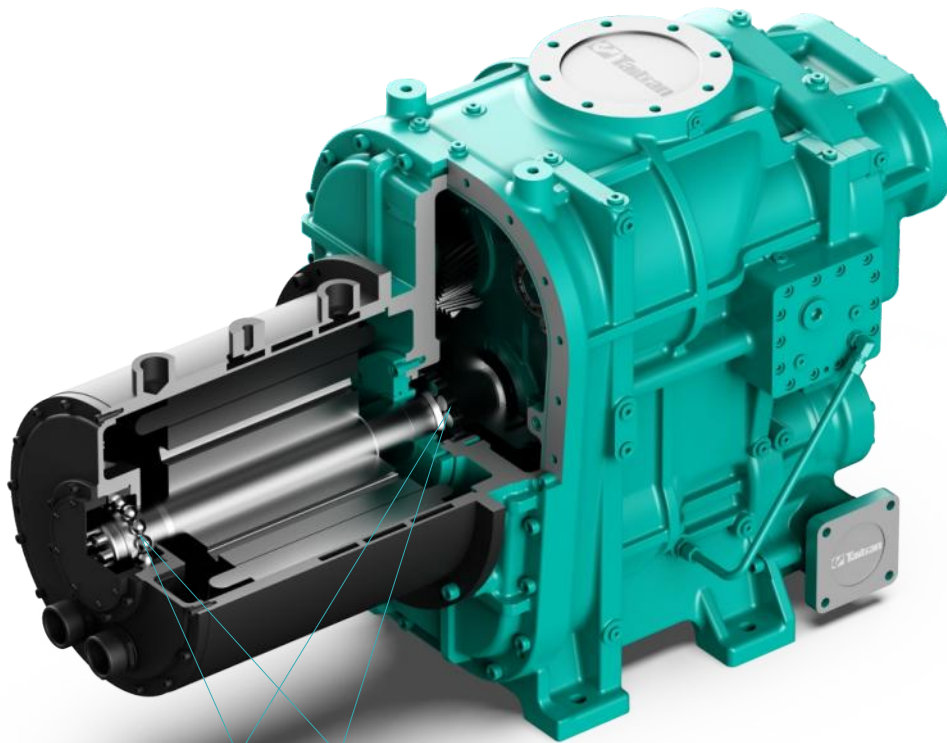
型号 Model	输入转速 Input Speed (rpm)	排气压力 Exhaust Pressure (Mpa)	排气量 Air Discharge (m ³ /min)	轴功率 Shaft Power (kW)
SLG22GG	1800	1.6-3.5	3.4-5.8	28-108
SLG37GG	1800	1.6-3.5	6.0-10.2	43-156
SLG55GG	1800	1.6-3.5	9.3-13.5	62-216
SLG75GG	1800	1.6-3.5	10.6-20.5	80-261
SLG132GG	1800	1.6-3.5	16.1-33.0	121-320
SLG160GG	1800	1.6-3.5	23.6-43.1	175-557

DOUBLE STAGE INTEGRATED SERIES
上下双级一体机系列



DIAGRAM OF 1500 / 2200 RPM DOUBLE STAGE INTEGRATED MOTOR STRUCTURE

1500/2200转上下双级一体电机结构示意图



独特专利结构产品，电机采用两轴承结构，噪音低于分体机10分贝以上

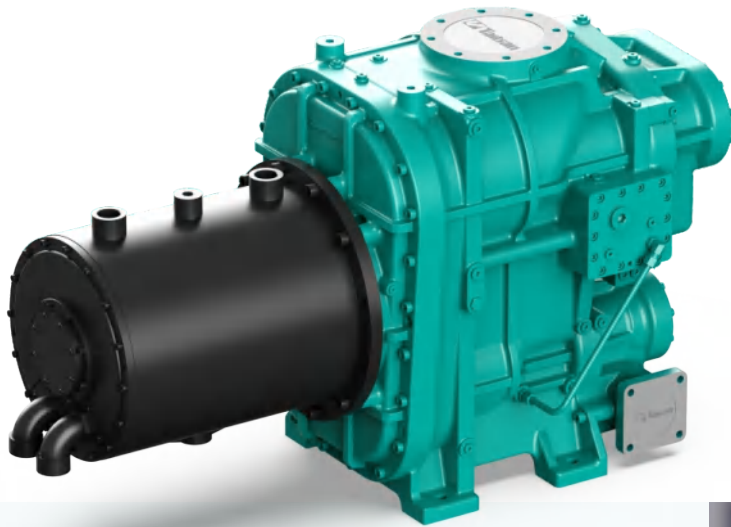
Special patent design and double bearings system which decrease at least 10dB noise than split

可配置1480~2200转不同转速的永磁电机，采用主机与电机可拆卸的直连方式减少了功率的传动损耗，提高比功率，比分体电机结构节能3%以上。

Permanent magnet motors with different speeds of 1480~2200 rpm can be configured. The use of a detachable direct connection between the air end and motor reduces power loss, improves specific power, and saves more than 3% energy compared to split motor structures.

NY SERIES (1500RPM) DOUBLE STAGE OIL COOLED INTEGRATED AIR END (DOUBLE BEARINGS STRUCTURE)

NY上下双级油冷一体主机系列 (1500转双轴承结构)



产品特点

- 电机采用带轴承主电机一体结构，降低整机的噪音及震动。
- IE5高效永磁油冷电机，防护等级IP65,F级绝缘等级，耐高温180℃。
- 节省整机设计空间，减少制造成本与出口的海运成本。

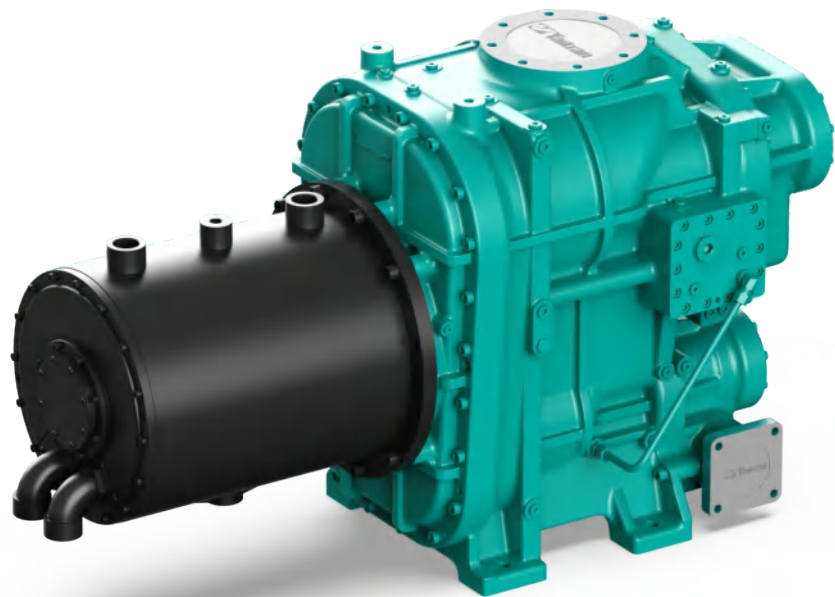
Product Feature

- Motor adopt bearing with motor integrated unit , reduce noise and vibration of compressor.
- IE5 High efficiency permanent magnet oil cooled motor, protection grade IP65,F insulation grade, high temperature resistance 180℃.
- Save compressor design space, reduce manufacturing cost and export shipping cost.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YS37NY-30K-1.76	1480	33.2	5.7	5.9	47.7	26.6
YS37NY-37K-2.23	1480	42.5	7.2	5.9	48.0	34.0
YS55NY-45K-1.76	1480	53.4	8.8	6.1	55.0	42.7
YS55NY-55K-2.18	1480	64.6	11.2	5.8	63.0	51.7
YS75NY-55K-1.39	1480	61.0	11.5	5.3	72.0	48.8
YS75NY-75K-1.90	1480	87.0	15.8	5.5	92.0	69.6
YS110NY-90K-1.62	1480	103.0	19.0	5.4	113.0	82.4
YS110NY-110K-1.91	1480	120.0	23.0	5.2	127.0	96.0
YS110NY-132K-2.20	1480	148.9	26.4	5.6	159.0	119.1
YS160NY-132K-1.50	1480	149.0	26.7	5.6	162.0	119.2
YS160NY-160K-1.84	1480	183.0	33.2	5.5	197.0	146.4
YS220NY-185K-1.38	1480	203.0	35.7	5.7	213.0	162.4
YS220NY-200K-1.56	1480	229.0	40.1	5.7	242.0	183.2
YS220NY-220K-1.71	1480	254.0	44.4	5.7	271.0	203.2
YS315NY-250K-1.31	1480	279.0	60.0	5.5	301.0	223.2

KY SERIES (2200RPM) DOUBLE STAGE OIL COOLED INTEGRATED AIR END
(DOUBLE BEARINGS STRUCTURE)
KY上下双级油冷一体主机系列 (2200转双轴承结构)



产品特点

- 电机采用带轴承主电机一体结构，降低整机的噪音及震动。
- IE5高效永磁油冷电机，防护等级IP65,F级绝缘等级，耐高温180℃。
- 节省整机设计空间，减少制造成本与出口的海运成本。

Product Feature

- Motor adopt bearing with motor integrated unit , reduce noise and vibration of compressor.
- IE5 High efficiency permanent magnet oil cooled motor, protection grade IP65,F insulation grade, high temperature resistance 180℃.
- Save compressor design space, reduce manufacturing cost and export shipping cost.

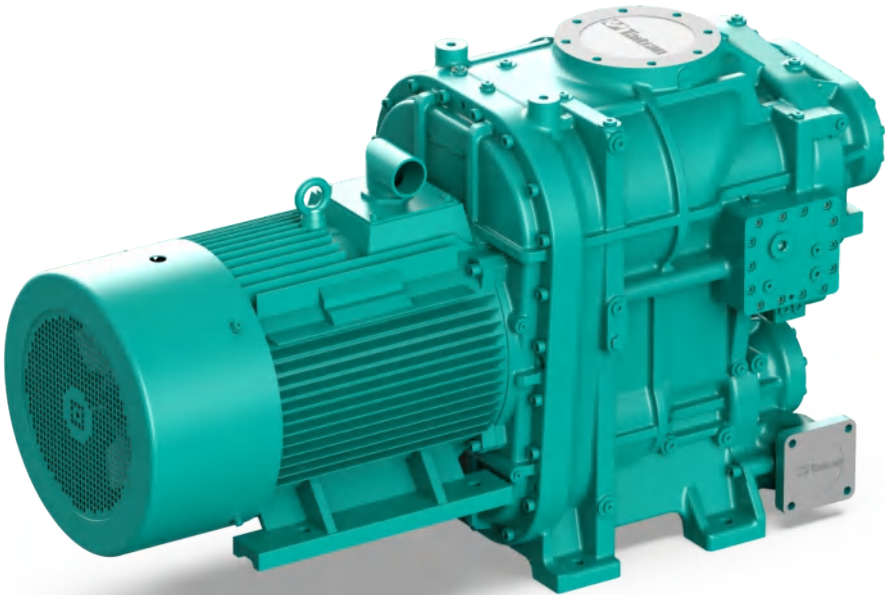


型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YS37KY-37K-2200/1.51	2200	43.3	7.1	6.1	47.5	34.6
YS55KY-45K-2200/1.15	2200	52.0	8.3	6.3	55.0	41.6
YS55KY-55K-2200/1.49	2200	63.4	10.5	6.0	66.2	50.7
YS75KY-55K-2200/0.97	2200	63.0	11.4	5.5	67.1	50.4
YS75KY-75K-2200/1.26	2200	85.5	15.0	5.7	90.0	68.4
YS110KY-90K-2200/1.11	2200	105.0	19.0	5.5	102.0	84.0
YS110KY-110K-2200/1.34	2200	125.0	22.9	5.5	130.0	100.0
YS110KY-132K-2200/1.47	2200	148.4	26.5	5.6	155.0	118.7

KF SERIES (2200RPM) DOUBLE STAGE AIR COOLED INTEGRATED AIR END

(DOUBLE BEARINGS STRUCTURE)

KF上下双级风冷一体主机系列 (2200转双轴承结构)



产品特点

- 电机采用双轴承一体结构，主机与电机可拆卸的直连方式减少了功率的损耗，提高主机能效。
- IE4高效永磁风冷电机，防护等级IP54,F级绝缘等级，耐高温155℃。
- 节省整机设计空间，减少制造成本。
- 设计有轴封漏油保护螺纹接口，出现漏油无需拆机。

Product Feature

- Motor adopts double bearings integrated structure, and the removable direct connection between the air end and the motor reduces power loss, and improves energy efficiency of the air end.
- IE4 high efficiency permanent magnet oil cooled motor, protection grade IP54,F insulation grade, high temperature resistance 155℃.
- Save compressor space, reduce manufacturing costs.
- The threaded interface is designed with shaft seal to protect against oil leakage, there is no need to dismantle the air end in case of oil leakage.



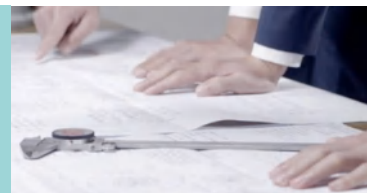
型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YS37KF-37K-2200/1.51	2200	43.3	7.1	6.1	47.5	34.6
YS55KF-45K-2200/1.15	2200	52.0	8.3	6.3	55.0	41.6
YS55KF-55K-2200/1.49	2200	63.4	10.5	6.0	66.2	50.7
YS75KF-55K-2200/0.97	2200	63.0	11.4	5.5	67.1	50.4
YS75KF-75K-2200/1.26	2200	85.5	15.0	5.7	90.0	68.4
YS110KF-90K-2200/1.11	2200	105.0	19.0	5.5	102.0	84.0
YS110KF-110K-2200/1.34	2200	125.0	22.9	5.5	130.0	100.0
YS110KF-132K-2200/1.47	2200	148.4	26.5	5.6	155.0	118.7

**HORIZONTAL DOUBLE STAGE
INTEGRATED SERIES**
水平双级一体机系列



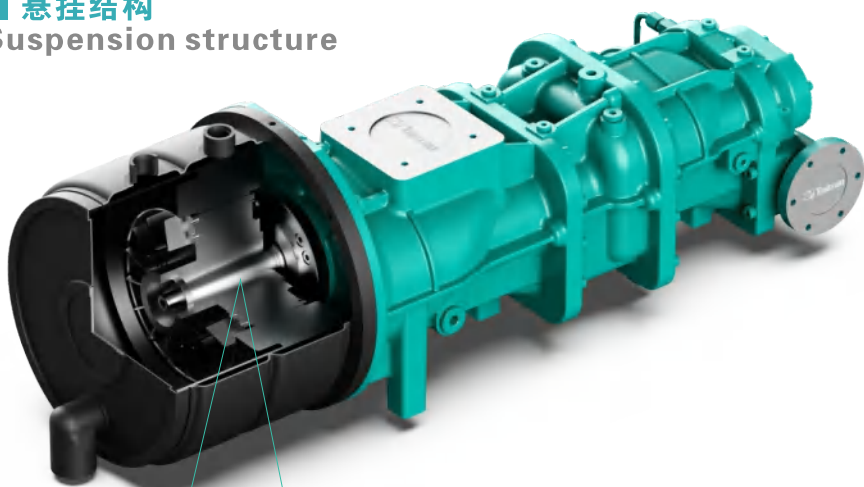
INTRODUCTION OF MOTOR AND HORIZONTAL DOUBLE STAGE AIR END CONNECTION STRUCTURE

电机与水平主机连接结构介绍



■ 悬挂结构

Suspension structure

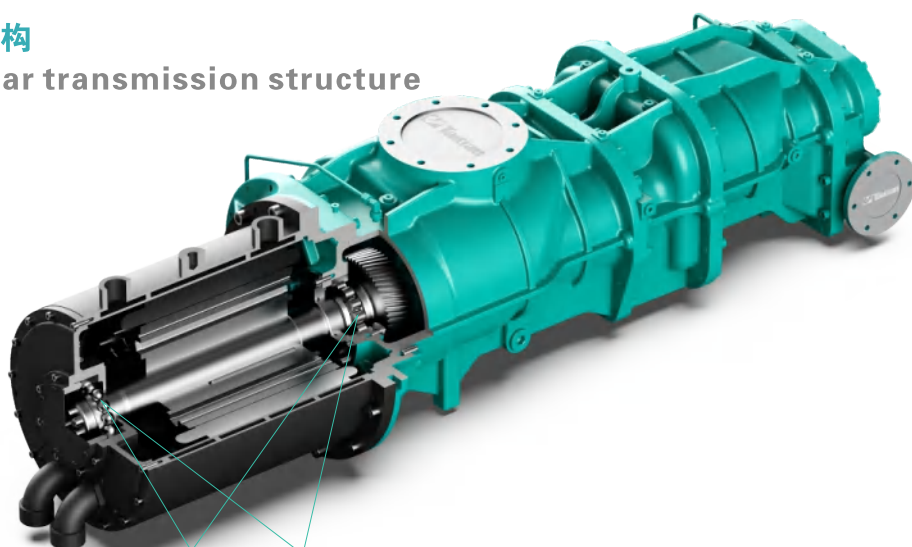


采用1:10锥度配合方式，端面用压盖锁紧

Adopt 1:10 taper fit mode, The end side is locked with a gland

■ 双轴承齿轮传动结构

Double bearings gear transmission structure

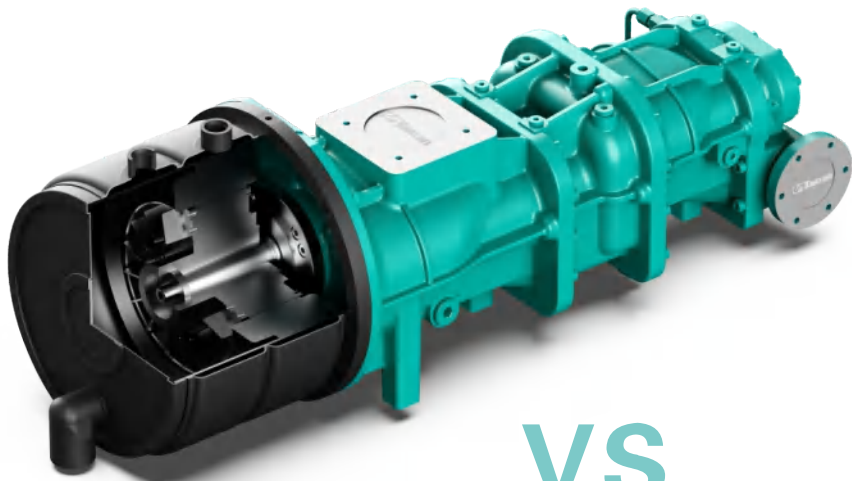


独特专利结构产品，电机采用两轴承结构，噪音低于分体机10分贝以上

Special patent design and double bearings system which decrease at least 10dB noise than split

COMPARISON OF HORIZONTAL DOUBLE STAGE AND SINGLE STAGE AIR END PARAMETER

水平双级与单级主机参数对比



VS



1年节省电费可收回一台新机成本

水平双级主机 Horizontal double stage air end						单级主机 Single stage air end				水平机比单级省电 Horizontal double stage energy saving is more than single stage air end			国家一 级能效 标准 National level energy efficiency standards
水平双级 型号 Model	电机功率 Motor power	转速 RPM	排量 0.8MPa (m3/min)	主机轴功率 KW	整机比功率 Specific power	主机功率 Motor power	转速 RPM	排量 0.8MPa (m3/min)	整机比功率 Specific power	能效提升率 Efficiency improve	每天按12小时 算省电 (度) Total energy saving per day	每年省电(度) Total energy saving per year	
TE-11	11KW	2400	2.1	12.6	6.8	15KW	2950	2.2	7.8	15%~20%	36	12960	8.0
TE-15	15KW	3300	2.8	17.6	6.7	22KW	2950	3.2	7.5		53	19080	7.7
TE-22	22KW	2400	4.2	25.4	6.7	30KW	2950	5.0	7.6		72	25920	7.3
TE-30	30KW	3250	5.6	33.5	6.5	37KW	2950	6.0	7.6		89	32040	7.1
TE-37	37KW	3000	6.8	41.0	6.5	45KW	2950	7.0	7.5		108	38880	7.0
TE-45	45KW	2500	9.2	54.2	6.3	55KW	2950	9.0	7.4		132	47520	6.9
TE-55	55KW	3000	11.0	67.2	6.4	75KW	2950	12.0	7.4		180	64800	6.8

XF-A SERIES (2400-3300RPM) HORIZONTAL DOUBLE STAGE PM AIR COOLED
INTEGRATED AIR END (SUSPENDED STRUCTURE)
XF-A水平双级永磁风冷一体主机系列 (2400-3300转悬挂结构)



产品特点

- 安装方便,降低操作者的技能要求,轻轻放入即可。
- 维修拆卸方便,使用专用夹具可轻松拆解电机转子。
- 主机主轴与电机轴套采用1:10标准锥度设计,接触面达到95%以上,精度高,理论上无跳动。
- 降低电机的振动值,比直轴连接的一体机振动值降低2/3以上。
- 降低整机的噪音,提高整机的使用寿命。减少整机的返修率。
- 降低整机设计空间,减少制造成本,提高市场竞争优势。

Product Feature

- The installation is convenient, reducing the skill requirements of the operator. Just put it in gently.
- It is convenient for maintenance and disassembly, and the motor rotor can be easily disassembled with a special fixture.
- The main shaft of the air end and the shaft sleeve of the motor are designed with 1:10 standard taper. The contact surface reaches more than 95%, high precision, no jumping in theory.
- Reduce the vibration value of the motor, which is more than 2/3 lower than that of the straight shaft connected integrated machine.
- Reduce the noise of the whole machine and improve the service life of the whole machine. Reduce the repair rate of the whole compressor.
- Reduce the design space of the whole machine, reduce the manufacturing cost, and improve the market competitive advantage.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kw)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kw)
YS15XF-A-11K	2400	12.6	2.0	6.3	15.0	9.8
YS15XF-A-15K	3300	17.6	2.8	6.3	21.0	13.5
YS30XF-A-22K	2400	25.4	4.2	6.0	30.0	19.6
YS30XF-A-30K	3250	33.5	5.3	6.3	32.0	26.7
YS37XF-A-37K	3000	41.0	6.8	6.0	33.0	33.3

XY-A SERIES (2400-3300RPM) HORIZONTAL DOUBLE STAGE PM OIL COOLED
INTEGRATED AIR END (SUSPENDED STRUCTURE)
XY-A 水平双级永磁油冷一体主机系列 (2400-3300转悬挂结构)



产品特点

- 电机转子采用1:10标准锥度设计，主机与电机可拆卸的直连方式减少了功率的损耗，提高主机能效。
- IE5高效永磁油冷电机，防护等级IP65,F级绝缘等级，耐高温155℃。
- 节省整机设计空间，减少制造成本。
- 设计有轴封漏油保护螺纹接口，出现漏油无需拆机。

Product Feature

- Our rotor of motor adopts 1:10 standard taper design, and the removable direct connection between the air end and the motor reduces power loss and improves the energy efficiency of the air end.
- IE5 High efficiency permanent magnet oil cooled motor, protection grade IP65,F insulation grade, high temperature resistance 155℃.
- Save compressor space, reduce manufacturing costs.
- Special designed shaft seal could protect thread connection easier for leakage maintenance.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YS15XY-A-11K-2400	2400	12.6	2.0	6.3	15.0	9.8
YS15XY-A-15K-3300	3300	17.6	2.8	6.3	21.0	13.5
YS30XY-A-22K-2400	2400	25.4	4.2	6.0	30.0	19.6
YS30XY-A-30K-3250	3250	33.5	5.3	6.3	32.0	26.7
YS37XY-A-37K-3000	3000	41.0	6.8	6.0	35.0	33.3
YS55XY-A-45K-2500	2500	54.2	8.8	6.2	43.0	39.6
YS55XY-A-55K-3000	3000	67.2	10.5	6.4	57.0	49.6

XY-B SERIES (2200RPM) HORIZONTAL DOUBLE STAGE PM OIL COOLED
INTEGRATED AIR END (DOUBLE BEARINGS STRUCTURE)
XY-B水平双级永磁油冷一体主机系列（2200转双轴承结构）



产品特点

- 电机采用双轴承一体结构，主机与电机可拆卸的直连方式减少了功率的损耗，提高主机能效。
- IE5高效永磁油冷电机，防护等级IP65,F级绝缘等级，耐高温155℃。
- 节省整机设计空间，减少制造成本。
- 设计有轴封漏油保护螺纹接口，出现漏油无需拆机。

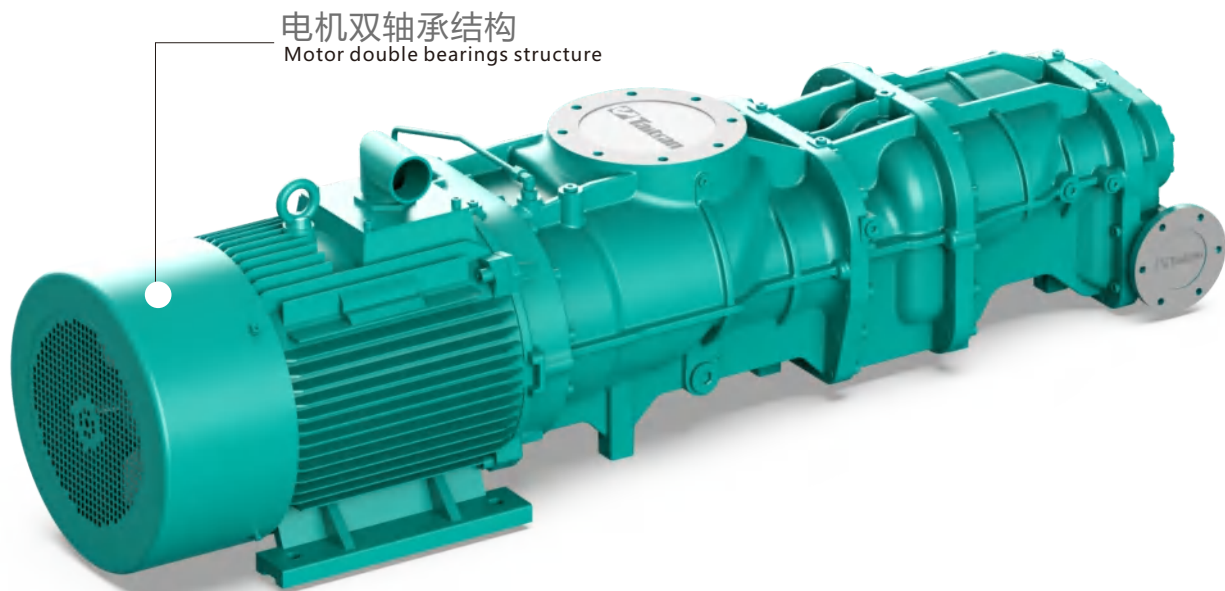
Product Feature

- Motor adopts double bearings integrated structure, and the removable direct connection between the air end and the motor reduces power loss and improves energy efficiency of the air end.
- IE5 High efficiency permanent magnet oil cooled motor, protection grade IP65,F insulation grade, high temperature resistance 155℃
- Save compressor space, reduce manufacturing costs.
- Special designed shaft seal could protect thread connection easier for leakage maintenance.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YS55XY-B-45K-2200/1.15	2200	49.8	8.8	5.7	53.0	39.8
YS55XY-B-55K-2200/1.37	2200	62.0	10.7	5.8	65.0	49.6
YS75XY-B-55K-2200/0.93	2200	63.4	10.8	5.9	64.5	50.7
YS75XY-B-75K-2200/1.23	2200	86.3	15.3	5.6	90.3	69.0
YS110XY-B-90K-2200/1.08	2200	100.2	18.3	5.5	105.0	80.2
YS110XY-B-110K-2200/1.32	2200	120.0	22.5	5.3	125.0	96.0
YS110XY-B-132K-2200/1.49	2200	146.0	26.0	5.6	143.0	116.8

XF-B SERIES (2200RPM) HORIZONTAL DOUBLE STAGE PM AIR COOLED
INTEGRATED AIR END (DOUBLE BEARINGS STRUCTURE)
XF-B水平双级永磁风冷一体主机系列 (2200转双轴承结构)



产品特点

- 电机采用双轴承一体结构，主机与电机可拆卸的直连方式减少了功率的损耗，提高主机能效。
- IE4高效永磁风冷电机，防护等级IP54,F级绝缘等级，耐高温155℃。
- 节省整机设计空间，减少制造成本。
- 设计有轴封漏油保护螺纹接口，出现漏油无需拆机。

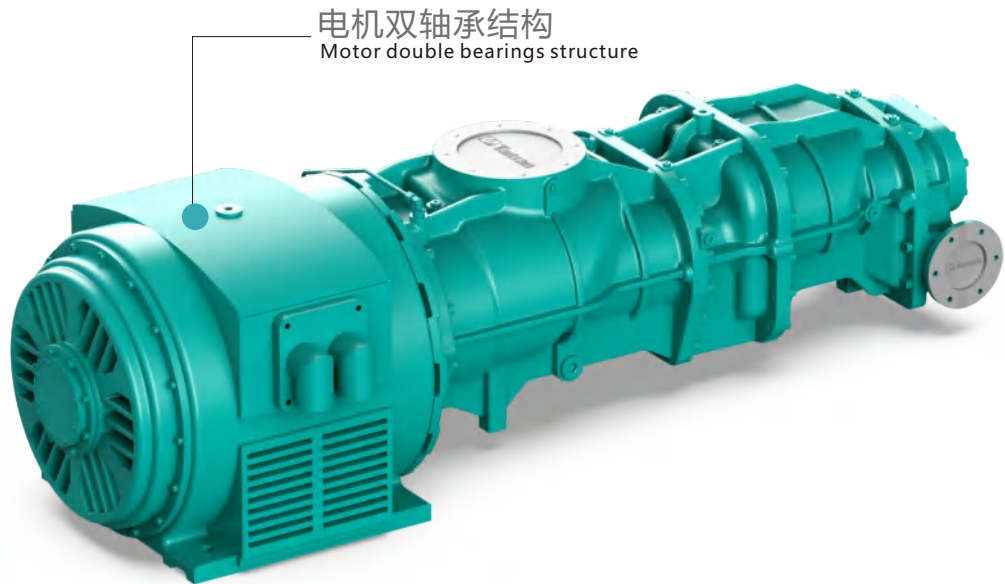
Product Feature

- Motor adopts double bearings integrated structure, and the removable direct connection between the air end and the motor reduces power loss and improves energy efficiency of the air end.
- IE4 High efficiency permanent magnet oil cooled motor, protection grade IP54,F insulation grade, high temperature resistance 155℃.
- Save compressor space, reduce manufacturing costs.
- Design shaft seal oil leakage protection thread interface, oil leakage without disassembly.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YS55XF-B-45K-2200/1.15	2200	49.8	8.8	5.7	53.0	39.8
YS55XF-B-55K-2200/1.37	2200	62.0	10.7	5.8	65.0	49.6
YS75XF-B-55K-2200/0.93	2200	63.4	10.8	5.9	64.5	50.7
YS75XF-B-75K-2200/1.23	2200	86.3	15.3	5.6	90.3	69.0
YS110XF-B-90K-2200/1.08	2200	100.2	18.3	5.5	105.0	80.2
YS110XF-B-110K-2200/1.32	2200	120.0	22.5	5.3	125.0	96.0
YS110XF-B-132K-2200/1.49	2200	146.0	26.0	5.6	143.0	116.8

XF-C SERIES (2950RPM) HORIZONTAL DOUBLE STAGE PM AIR COOLED
INTEGRATED AIR END (DOUBLE BEARINGS STRUCTURE)
XF-C水平双级永磁风冷一体主机系列 (2950转双轴承结构)



产品特点

- 电机采用双轴承一体结构，主机与电机可拆卸的直连方式减少了功率的损耗，提高主机能效。
- 工频风冷电机，防护等级IP23,F级绝缘等级，耐高温155℃。
- 节省整机设计空间，减少制造成本。
- 设计有轴封漏油保护螺纹接口，出现漏油无需拆机。

Product Feature

- Motor adopts double bearings integrated structure, and the removable direct connection between the air end and the motor reduces power loss and improves energy efficiency of the air end.
- Power frequency air cooled motor, IP 23 grade,F insulation grade, high temperature resistance 155℃.
- Save compressor space, reduce manufacturing costs.
- Design shaft seal oil leakage protection thread interface, oil leakage without disassembly.



型号 Model	输入转速 Input Speed (rpm)	0.8MPa/轴功率 Shaft Power (kW)	排气量 Air Discharge (m³/min)	比功率 Specific Power kW/(m³/min)	喷油量 Injection Quantity (L/min)	油热负荷 Thermal Load (kW)
YS110XDF-132K-2950/1.17	2950	145.2	26.0	5.6	162.3	116.2

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