

DENAIR[®]

德国德耐尔压缩机

AIR COMPRESSOR

节能先行 价值共享 Energy Saving First Mutual Value Shared



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网站

www.denaircompressor.com
www.denair.cn

中德合资德耐尔压缩机
Sino-Germany joint venture DENAIR air compressor

专注静音与节能的坚定研发方向
Concentrating on silent and energy-saving research and development

致力成为高端压缩机典范
Committing to be a good example of manufacturing high quality compressors

企业简介 COMPANY PROFILE

上海德耐尔（集团）有限公司是一家注册于中国上海，集研发、制造、营销于一体的中外合资大型空压机企业集团。

总部位于德国维斯特法伦州科隆市的德国德耐尔集团是德国机械百强企业，自1875研制出第一台冷媒压缩机组以来，一直致力气体压缩机领域的研发与生产，是德国在气体压缩领域著名品牌，其产品包括双螺杆空压机、活塞式空压机、罗茨与轴流风机、真空泵、移动式空压机、中高压空压机、无油空压机等。设在科隆的欧洲研发中心，拥有世界上最精确的三座标测量仪、专用机床与专用磨床，以确保对核心技术的研发不断取得突破。德耐尔集团独立开发的双螺杆空压机DNA主机始终保持其行业领先地位，比一般主机节能10%或以上。

1998年，德耐尔集团在上海设立代表处，开始在中国市场销售原装德耐尔双螺杆压缩机，并获得一致好评，2006年，德耐尔集团注册成立德耐尔压缩机制造（上海）有限公司，做为在中国的制造工厂与研发中心，开始引入德耐尔集团技术并针

Shanghai Denair Group Co.,Ltd. is registered in Shanghai large-scale professional compressor producing and exporting enterprise, designed for different markets and different projects conditions. The product design and configuration reference Germany Denair standard totally.

Germany Denair Group, whose headquarter is located in Cologne City, Westfalen State of Germany, is among the top100 machinery enterprises in Germany. Since 1875 the first refrigerant compressor unit was produced, we have been dedicated to researching, developing and producing compressors. Denair has become a famous brand in the eld of compressors in Germany. Our products cover: double screw air compressors, piston air compressors, root's blowers, axial Bow fan, vacuum pump, portable air compressors, high/medium pressure air compressors,oil free air compressors, etc. The European R&D center of Denair Compressor located in Cologne has the most accurate three-coordinates measuring machine, special purpose machine and special purpose grinder in the world, ensures the R&D of core technology to make breakthrough continuously. The Denair air end of double screw compressors is developed by Denair group which keeps the leading position in this eld consistently and saves energy 10% or more.

In 1998, Shanghai office of Denair group was established and started to sell original Denair double screwair compressor in Chinese market. We have Developed a good reputation.In 2006,Shanghai Denair Compressor Co.,Ltd. was

对中国使用工况进行研发与生产，规模化的生产德耐尔系列产品，并具备年产20万台套整机的生产能力。

德耐尔创建了行业独特的展厅+4S销售服务模式。目前，上海德耐尔压缩机械有限公司销售服务网络在中国划分为华东、华南、华北、西北、华中、东北、西南和长三角八大区域。在主要城市都设立了办事机构，并有优秀服务人员长期在各地为您提供最优质快捷的机组保养和维修服务。

德耐尔压缩机在国外也拥有完善的销售服务体系，包括中东、南美、东南亚、北美、澳大利亚和美国等地区，总经销点超过200家。

专注静音与节能的坚定研发方向,致力成为中高端压缩机典范。

德耐尔愿成为您真正最贴心的朋友!

established. We set up the R&D center and manufacturing factory in Songjiang District, Shanghai, and brought in precision technology from Denair group to develop and produce Denair series products according to the market specifications. Production capacity of Denair products has reached 200000 units per year.

Denair established the special exhibition rooms plus 4S sales and service system in compressor industry. At present, the sales and service network for Shanghai Denair Compressor Co., Ltd. is divided into eight Domestic areas: East China, South China, North China, Northwest China, Central China, Northeast China, Southwest China and Yangtze River Delta region. There are branches in China's major cities. Our excellent service staff will supply you the best maintenance and repair service in every regions.

There are also complete sales and service system all over the world, such as Middle East, South America, Southeast Asia, North America, Australia, United States, etc. There are over 200 distributors worldwide.

Concentrating on silent and energy saving research and development, committing to be a good example of manufacturing high quality compressors,

Denair would like to become your best friends in compressed air systems.



资质证书与质量认证

QUALIFICATION AND QUALITY CERTIFICATE



通用机械节能认证
GENERAL MACHINERY ENERGY SAVING CERTIFY

GC节能认证

GC energy-saving certification

德耐尔压缩机的产品设计、生产及服务的质量体系达到节能认证标准的要求。
Denair Compressor product design, production and service quality system meet the requirements of energy-saving certification.



CE欧盟标准认证

CE European Union standard certification

德耐尔压缩机的产品设计、生产符合欧盟标准。
Denair Compressor product design&production meet the standard of European Union.



ISO9001英国劳氏认证

ISO9001 the United Kingdom LRQA Certification

从设计、制造到发运，德耐尔压缩机遵循ISO9001的质量体系。
From design, manufacture to delivery, Denair Compressor abides by the quality system of ISO9001.



德耐尔螺杆式空压机

DENAIR Screw Air Compressor



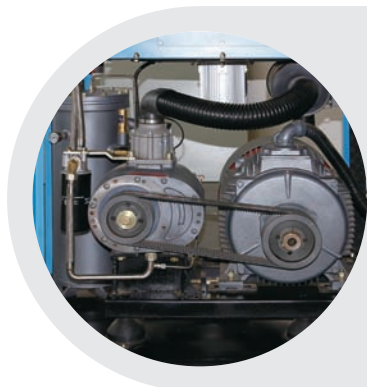
真正的原装主机系统 / Genuine Original Air End System

螺杆主机是螺杆式空压机的核心部件，直接决定能效与噪音。

德耐尔压缩机均采用德国(AERZEN)艾铮或德耐尔德国制造原装主机，先进的SAP转子型线，锻钢材质与德国转子热处理加工技术，比国内球墨铸铁与研磨的转子材质加工技术领先一个档次，效率差近15%。

Air end is the heart of screw air compressor, it directly influences the energy efficiency and noise.

DENAIR air compressor adopts original Germany AERZEN air end or Germany DENAIR air end, advanced SAP rotor molded lines, steel forging materials and Germany heat treated process technology for the material of rotors. Hence its efficiency is 15% higher than nodular cast iron and abrasive process technology for the material of rotors.



标准主机配置，低速传动 / Standard Air End, Low Speed Transmission

德耐尔每台压缩机均选用标准或更高一档压缩主机生产，坚决杜绝小马拉大车高转速现象出现。

主机选配时，严格以低转速与主机最佳比功率为原则。

真正的低转速与低比功率，真正达到节能与静音的最佳效果。

Every unit of DENAIR air compressor adopts standard superior air end. There will not be high rotation problems.

When selecting the air end, strictly refer to our principle: the best specific power of low rotation speed.

Genuine low rotation speed and low specific power, gets the maximum efficiency of energy-saving and silence.



独特的冷却流场设计 / Unique Cooling Flow Design

先进的导向设计，使冷热交换更完全。

内部金属管气油路设计，使润滑冷却油路运行更高速，最及时的带走主机热量，真正避免了主机高温现象的出现。

Advanced object-oriented design makes the air-end cold and heat exchange more effective.

The special design of gas-oil line of inner metal tube makes the cooling oil lubrication perform fast and it takes off the air end heat in time and totally avoid the high temperature of air end.



系统优化设计 / Optimum Design of the System

技术人员对系统优化设计使机组运行故障大幅降低，出气量更加充分，使耗能比处于同行的先进行列。

The technology optimizes the system to effectively reduce errors in running, to make the air output more efficient, keeping the energy consumption at a lower level.



智能控制 / Intelligent Control

业内领先的定时开关机全自动控制中心，电器元件均选用享誉世界的知名电器产品，可让您在使用空压机的过程中体会到由此带来的可靠感与迅捷感。

The industry leading fully automatic control center for time switch and electric components are all chosen from world-renowned electric products and bring to you the resulting sense of reliability and convenience in the use of our air compressors.



进气阀 / Air Inlet Valve

高品质进气阀可根据终端气源需求的大小，对压缩机气量进行0-100%无极调整，从而降低了能耗，进气阀内设有单向阀，以防止突然停机时，油和空气回流。多种阀门均可用于固定式或移动式压缩机上。

The high-quality air inlet valves can make 0 ~ 100% stepless adjustment to the air delivery of compressor depending on specific demands for terminal air supply, thus reducing the energy consumption. The non-return valve is disposed in an air inlet valve to prevent backflow of air and oil in case of unexpected halt. Several kinds of valves can be applied to stationary or portable compressors.

变频螺杆式空压机

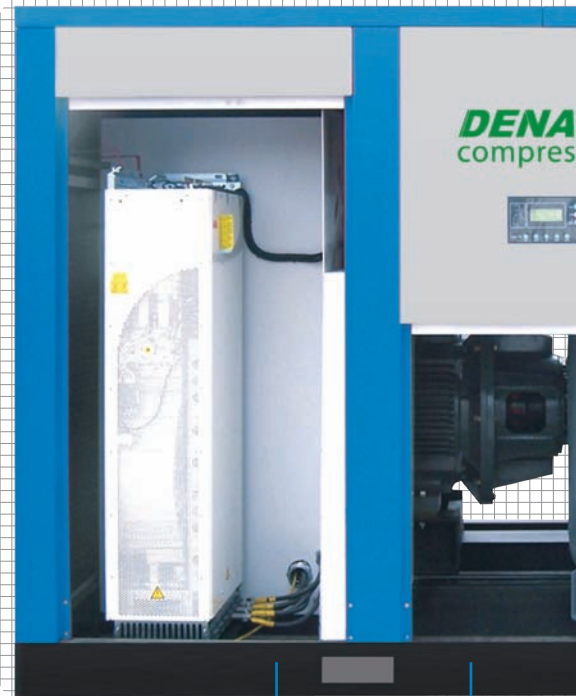
Variable Frequency Screw Air Compressor

采用了国际先进的变频模块，特别强化升降速特性的专用电机，一套特别适合螺杆压缩机的 PID 参数，控制软件经历了数十万台压缩机考核，参数设置简便，人机界面亲善。对变频器的冷却进行了特殊设计。为支持用户自行设定最佳工作压力，增大了油气分离器滤芯的过滤面积。

选用德国先进理念及制造技术，采用德国原装进口螺杆主机，转子采用 5:6 齿型，全球最佳的型线设计，可连续 24 小时持久高效运行，效率远优于其它型主机。

Using the international advanced frequency conversion module, especially strengthen the speed characteristic of special motor, a particular PID parameters suitable for screw compressor, control software experienced hundreds of thousands of compressor test, parameter setting is simple, interface amity. The converter cooling for a special design. Support for the user to set the best working pressure, increased oil and gas separator filter area.

The choice of German ideas and advanced manufacturing technology, using the German original imported screw air end, the rotor adopts the 5:6 pro les, the global optimal pro profile design, can be continuously for 24 hours long and efficient operation, efficiency is much better than other type air end.



系统特点 / System Characteristics

保护功能 / Protection function

- 电机与变频器热保护，PTC热探头管理
- 在连续运行时对过载和过电流进行保护
- 通过跳变频率和转向管理对机器进行机械保护
- 通过欠载，过载和零流速检测来对装置进行保护
- 通过多故障管理和可配置报警组来进行保护
- Motor and inverter PTC thermal protection, thermal probe management
- In continuous operation on overload and over current protection
- Through the frequency hopping and turning management to protect the machine
- Under load, overload and zero velocity detection device protect the device.
- Through multiple fault management and configuration alarm group to protect.

灵活性与用户友好性 / Flexibility, and user friendliness

- 变频器有许多可配置的逻辑与模拟输入/输出，以便针对应用情况来优化变频器
- 为了提高控制系统的性能，变频器支持Modbus与CANopen协议并作为标准
- 变频器也能够通过可选卡支持大多数工业通信总线，以及简便地集成到建筑管理系统中
- Inverter has many configurable logic and analog input / output, so that the application of frequency converter to optimization
- In order to improve the performance of the control system, frequency converter supports the Modbus and CANopen protocol and as a standard
- Inverter can also through optional card supports most industrial communication bus, and easily integrated into the building management system.



变频器内置了大量的维护、 监视与诊断功能 / Converter with a large number of maintenance, Monitoring and diagnosis function

- 变频器测试功能，在远程图形显示终端上带有诊断屏幕
- I/O映象
- 用于不同端口的通信图
- 可使用PowerSuite软件包查看示波器功能
- 通过带闪存的处理器对变频器的安全基座进行管理
- 通过Modbus端口将变频器连接至调制解调器，从而可以远程使用这些功能
- 对所有变频器的零部件以及软件版本进行识别
- 出现故障时进行故障记录，并可多达16个变量值
- 显示装入闪存的终端语言
- 可在变频器内存储一条信息（最多5行、每行24个字节）
- Inverter test function, in the remote graphics display terminal with a diagnostic screen
- I/O mappings
- For different ports communication diagram
- You can use the Power Suite package to view the oscilloscope function
- With Bash memory processor on frequency converter based safety management
- Through the Modbus port which will be connected to the modem converter, which can be remotely using these features.
- For all frequency converter components and software version identification
- When fault occurs, fault recording.
- 16 variables value display mounted Bash terminal language
- In the converter memory message (up to 5 rows, each row of 24 bytes)

简便控制，易操作 / Simple control, easy operation

- 触屏式大型液晶显示
- 设备运行的各种参数数据一目了然排列，方便确认设备运行状态，问题发生时可迅速处理
- 简洁的开/关设计，更容易操作
- 自动调节控制
- 通过压力传感器等自动控制，保持稳定的排气压力，设备始终高效运行，大流量调节满足用户使用流量变化的要求
- 远程联动控制
- 具兼容性的先进控制系统，可与不同的上位控制系统对接，可实现多台机组联网控制及远程控制
- Touch screen liquid crystal display
- Equipment parameters of the data arrangement convenient stick out a mile, confirm the equipment running status, problems occur and can be solved quickly
- Simple on / o; design, easier to operate
- Automatic control
- Pressure sensor, automatic control, to maintain the stability of the exhaust pressure, the device is always running efficiency, large flow regulation to meet the User's requirements.
- The remote control linkage
- With the compatibility of the advanced control system, can be associated with different host control system can realize the butt joint, multiple unit control and remote control

安全功能 / Safety function

- 通过集成的“Power Removal(断电)”功能来保证机器的安全性，此功能防止电机意外起动
- 通过对故障禁止，运行方向和可配置给定的强制操作功能来保证装置的安全性
- through the integration of " Power Removal (power o;) " function to ensure the safety of machinery, this feature to prevent accidental starting of motor
- Through to the forbidden faulty, running direction and can be configured to a forced operation function to ensure the safety of the device.

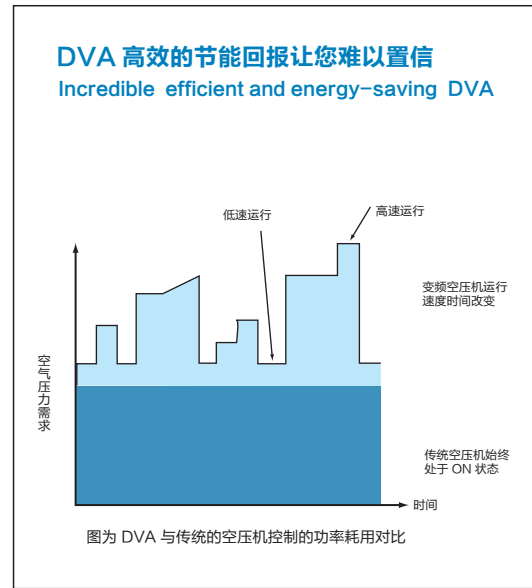
流量可调，成本可控

VSD（变转速驱动）技术根据气量需求自动地调节电机转速。降低的系统压力可以使整个生产能耗降低以降低能源成本。

Flow Adjustable, Controllable Cost

VSD (variable speed drive) technology according to the volume demand automatically adjusts the rotate speed of the motor. Reduce the system pressure can make the entire production to reduce energy consumption to reduce energy costs.

DVA 通过以下几点降低能耗 DVA through the following points to reduce energy consumption
消除从满载到卸载的低效转换过程 / Remove from full load to unload the inefficient conversion process
避免卸载功耗 / Avoid unloading power
维护管网压力带在0.10bar之间 / Maintenance of pipe network pressure zone in between 0.10bar
降低平均工作压力 / Reduce the average working pressure
降低的系统压力减少了系统泄漏 / Reduce the system pressure reducing system leakage
软启动特性增加了电机电流平衡，避免了电流冲击 / Soft starter balances the current of motor and avoid the impact of current
提供4至13bar压力的自由选择，可最大程度降低能耗 / 4 bar to 13 bar pressure for choice to reduce the power consumption



DVA 系列变频式皮带传动螺杆空压机技术参数 / Technical Parameters

型号/Model	DVA-7A	DVA-11A	DVA-15A	DVA-18A	DVA-22A	DVA-30A	DVA-37A	DVA-45A	DVA-55A/W	DVA-75A/W	
排气量/排气压力 Air Delivery/ Working Pressure (m ³ /min/Mpa)	0.36-1.23/0.7	0.51-1.81/0.7	0.72-2.10/0.7	0.93-3.20/0.7	1.14-3.80/0.7	1.56-5.20/0.7	1.92-6.80/0.7	2.4-7.80/0.7	3.1-10.50/0.7	4.1-13.50/0.7	
	0.33-1.15/0.8	0.48-1.67/0.8	0.66-2.00/0.8	0.87-3.00/0.8	1.05-3.60/0.8	1.5-5.00/0.8	1.83-6.28/0.8	2.3-7.30/0.8	2.9-9.80/0.8	4.0-13.0/0.8	
	0.28-1.03/1.0	0.42-1.47/1.0	0.6-1.80/1.0	0.81-2.70/1.0	0.96-3.20/1.0	1.29-4.25/1.0	1.71-5.60/1.0	2.1-6.60/1.0	2.6-8.80/1.0	3.5-11.80/1.0	
	0.24-0.89/1.3	0.36-1.25/1.3	0.51-1.50/1.3	0.66-2.30/1.3	0.87-2.80/1.3	1.11-3.75/1.3	1.53-4.60/1.3	1.7-5.70/1.3	2.3-8.00/1.3	2.9-10.00/1.3	
电动机 Electric Motor	功率 Power (KW)	7.5	11	15	18.5	22	30	37	45	55	75
	马力 Horsepower (HP)	10	15	20	25	30	40	50	60	75	100
	电压/频率 Voltage (V/Hz)	380/50									
	启动方式 Starting Method	AC变频, AC power, variable frequency starting									
噪音/Noise DB (A)	66 ± 2	70 ± 2	70 ± 2	72 ± 2	73 ± 2	74 ± 2	74 ± 2	74 ± 2	74 ± 2	75 ± 2	
出口管径 Outlet Pipe Diameter (Inch)	G3/4	G3/4	G3/4	G1 1/4	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2	
使用环境温度/Use of The Environment Temperature (°C)	-5°C ~ +45°C										
排气温度/ Discharge Temperature (°C)	风冷 < 环境温度 + 8°C Air cooled < Ambient temperature + 8°C										
机组重量/Weight (kg)	435	475	560	560	640	900	980	1050	1250	1850	
外形尺寸 Dimension	长L (mm)	770	950	950	1380	1380	1380	1300	1300	1450	1450
	宽W (mm)	650	800	800	900	900	900	1000	1000	1450	1450
	高H (mm)	850	1140	1140	1150	1150	1150	1465	1465	1795	1795

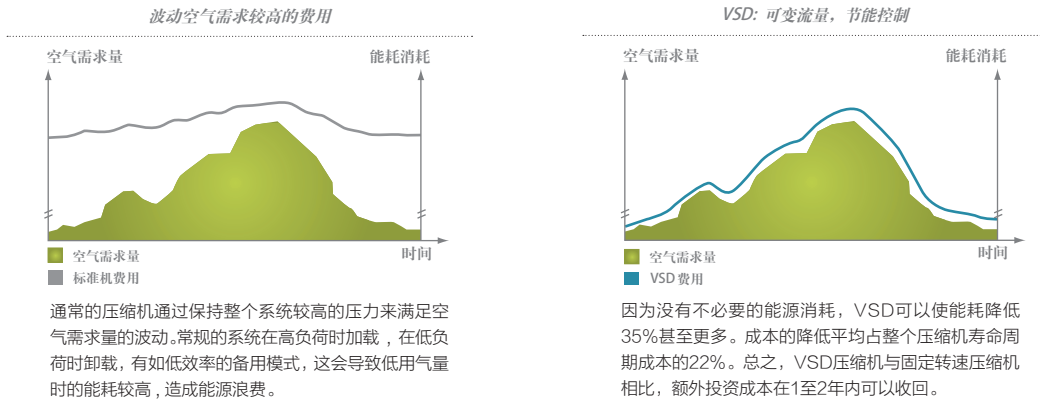


降低能耗

压缩机能耗的费用占使用期间全部费用的 70% 以上，生产压缩空气的费用大约占工厂全部电费的 40% 以上，大部分生产环境在每天的不同时间，每星期的不同日期或每年不同月份的空气需求量都存在剧烈波动，该波动的范围在 40-80% 之间，德耐尔具有领先技术的 VSD 压缩机，提供的压缩空气可以精确地满足用户的空气需求，当用户的用气量降低时，VSD 排气量降低，同时降低能量消耗。

Reduce Energy Consumption

The costs of power consumption accounts for 70% or more of all costs during the operation. The electric charges of running air compressor accounts for more than 40% of the all electric charges in the factory. The requirements of compressed air fluctuates violently in different time every day, different days every week or different months every year, the range of fluctuation is 40% to 80%. DENAIR has the advanced VSD air compressor, the compressed air can meet the user's requirement exactly. When the user needs less air delivery, VSD will reduce the capacity and reduce the power consumption at the same time.



DVA 系列变频式联轴器传动螺杆空压机技术参数 / Technical Parameters

型号/Model		DVA-22AG	DVA-30AG	DVA-37AG	DVA-45AG	DVA-55AG/W	DVA-75AG/W	DVA-90AW	DVA-110AW	DVA-132AW	DVA-160AW	DVA-185AW	DVA-200AW	DVA-220AW	DVA-250AW	
排气量/排气压力 Air Delivery/ Working Pressure (m ³ /min/Mpa)		1.14-3.80/0.7	1.56-5.20/0.7	1.92-6.80/0.7	2.4-7.80/0.7	3.1-10.5/0.7	4.1-13.50/0.7	4.5-16.50/0.7	4.8-21.0/0.7	5.0-24.10/0.7	5.4-29.0/0.7	6.5-32.5/0.7	7.5-34.8/0.7	8.0-37.0/0.7	8.7-45.0/0.7	
		1.05-3.60/0.8	1.5-5.00/0.8	1.83-6.28/0.8	2.3-7.30/0.8	2.9-9.80/0.8	4.0-13.0/0.8	4.2-16.10/0.8	4.5-20.0/0.8	4.8-23.60/0.8	5.3-28.5/0.8	6.2-31.0/0.8	7.2-32.0/0.8	7.3-34.5/0.8	8.4-43.50/0.8	
		0.96-3.20/1.0	1.29-4.25/1.0	1.71-5.60/1.0	2.1-6.60/1.0	2.6-8.80/1.0	3.5-11.80/1.0	3.9-13.90/1.0	4.1-17.0/1.0	4.4-20.50/1.0	4.5-26.5/1.0	5.6-27.5/1.0	6.0-28.0/1.0	6.4-31.5/1.0	7.6-39.0/1.0	
		0.87-2.80/1.3	1.11-3.75/1.3	1.53-4.60/1.3	1.7-5.70/1.3	2.3-8.00/1.3	2.9-10.0/1.3	3.3-12.30/1.3	3.6-14.8/1.3	3.9-17.80/1.3	4.0-22.5/1.3	5.0-24.5/1.3	5.5-26.0/1.3	5.7-28.5/1.3	6.9-35.0/1.3	
电动机 Electric Motor	功率 Power (KW)	22	30	37	45	55	75	90	110	132	160	185	200	220	250	
	马力 Horsepower (HP)	30	40	50	60	75	100	125	150	180	220	250	280	300	340	
	电压/频率 Voltage(V/H)	380/50														
	启动方式 Starting Method	AC变频, AC power, variable frequency starting														
噪音/Noise DB (A)	73 ± 2	74 ± 2	74 ± 2	74 ± 2	74 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	78 ± 2	78 ± 2	78 ± 2	78 ± 2	
出口管径 Outlet Pipe Diameter (Inch)	G1 1/4	G1 1/4	G1 1/2	G1 1/2	G2	G2	G2	DN65	DN65	DN80	DN80	DN80	DN100	DN100	DN100	
使用环境温度 Use of The Environment Temperature (°C)	-5°C ~ +45°C															
排气温度/Discharge Temperature (°C)	风冷 < 环境温度 + 8°C Air cooled < Ambient temperature + 8°C															
机组重量/Weight (kg)	640	900	980	1050	1250	1850	2100	2100	2540	2540	2690	2690	2690	3330	3330	
外形尺寸 Dimension	长L (mm)	1380	1595	1595	1595	1820	2100	2100	2540	2540	2690	2690	2690	3330	3330	
	宽W (mm)	850	1000	1000	1000	1250	1250	1250	1640	1640	1740	1740	1740	1850	1850	
	高H (mm)	1150	1365	1365	1365	1500	1500	1500	1780	1780	1880	1880	1880	1935	1935	

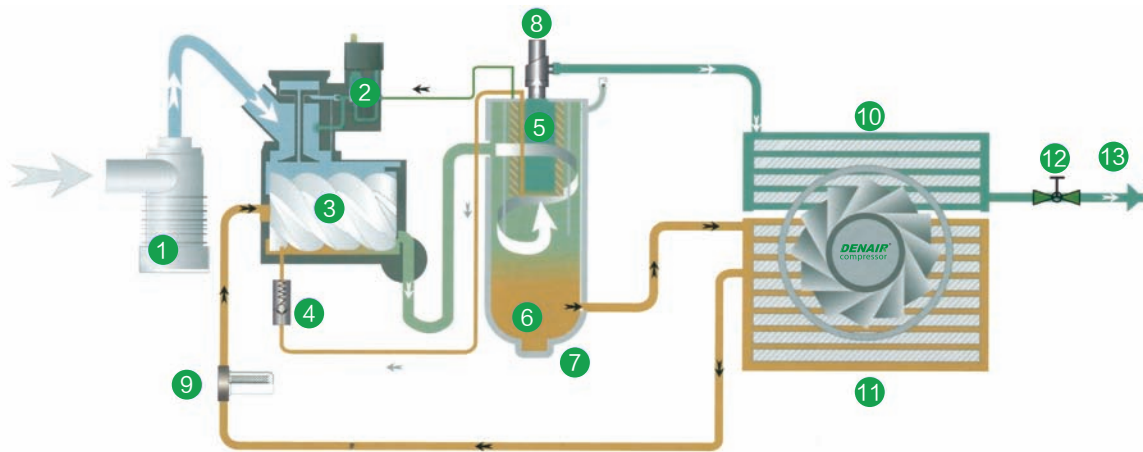
联轴器传动螺杆式空压机 (22—550KW)

Direct Driven Double Screw Air Compressor (22—550KW)

技术参数 / Technical Parameters

型号 / Model	DA-22	DA-30	DA-37	DA-45	DA-55	DA-75	DA-90	DA-110	DA-132	DA-160	DA-185	DA-200	DA-220	DA-250	DA-280	DA-315	DA-355	DA-400	DA-450	DA-500	DA-550	
	AG/W	AG/W	AG/W	AG/W	AG/W	AG/W	A/W	A/W	A/W	A/W	A/W	GA/W	A/W	A/W	A/W	A/W	A/W	A/W	A/W	A/W	A/W	
排气量 / 排气压力 Air Delivery / Working Pressure	m ³ /min/ MPa	3.80/0.7 3.60/0.8 2.80/1.3	5.20/0.7 5.00/0.8 3.75/1.3	6.80/0.7 6.28/0.8 4.60/1.3	7.80/0.7 7.30/0.8 5.70/1.3	10.50/0.7 9.80/0.8 8.00/1.3	13.50/0.7 13.00/0.8 10.00/1.3	16.50/0.7 16.1/0.8 12.3/1.3	21.0/0.7 20.0/0.8 14.8/1.3	24.1/0.7 23.6/0.8 17.8/1.3	29.0/0.7 28.5/0.8 22.5/1.3	32.50/0.7 31.0/0.8 24.5/1.3	34.8/0.7 32.0/0.8 26.0/1.3	37.0/0.7 34.5/0.8 28.5/1.3	45.0/0.7 43.5/0.8 35.0/1.3	52.7/0.7 50.0/0.8 38.3/1.3	59.0/0.7 58.0/0.8 42.0/1.3	67.0/0.7 60.0/0.8 46.0/1.3	70.0/0.7 68.0/0.8 48.0/1.3	74.0/0.7 72.0/0.8 54.0/1.3	82.0/0.7 75.0/0.8 64.0/1.3	102.0/0.7 94.0/0.8 67.0/1.3
压缩级数 Compression Stage	单级 / single stage																					
冷却方式 / Type of cooling	A- 风冷 (Air cooled) W- 水冷 (Water cooled)																					
进水温度 Temperature of Water inlet	°C	≤ 32																				
进水压力 Pressure of Water inlet	MPa	0.2~0.6																				
排气温度 Discharge temperature	°C	< 环境温度 +15°C (风冷) ambient temperature+15°C (air cooled) <40°C (水冷) (water cooled)																				
排气含油量 Oil content of discharged air	ppm	< 3																				
噪音 / Noise	dB(A)	65 ± 2	65 ± 2	65 ± 2	68 ± 2	68 ± 2	72 ± 2	72 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	75 ± 2	78 ± 2	82 ± 2	82 ± 2	82 ± 2	82 ± 2	83 ± 2	83 ± 2	83 ± 2	83 ± 2
传动方式 / Driven Mode	弹性直联 / direct driven																					
电源 / Power	V/ph/Hz	380/3/50																				
功率 / Motor power	KW	22	30	37	45	55	75	90	110	132	160	185	200	220	250	280	315	355	400	450	500	550
转速 / Rotation speed	R/min	2940	2945	2945	2950	2965	2965	2965	2975	2975	2975	2975	2975	2980	2980	2980	2980	2985	2985	2985	2985	2985
启动方式 / Starting method	Y- ▲启动 / starting																					
冷却风量 / Cooling air volume	m ³ /h	145	255	255	255	268	400	400	600	630	850	850	850	900	900	900	960	1130	1240	1290	1350	1380
外形尺寸 Demension	长 L	mm	1380	1595	1595	1595	1820	2100	2100	2540	2540	2690	2690	3330	3330	4250	4250	4250	6200	7000	7000	7000
	宽 W	mm	850	1000	1000	1000	1250	1250	1250	1640	1640	1740	1740	1850	1850	1900	1900	1900	4600	4800	5000	5000
	高 H	mm	1150	1365	1365	1365	1500	1500	1500	1780	1780	1880	1880	1880	1935	1935	2200	2200	2200	3300	3300	3300
重量 / Weight	Kg	640	900	980	1050	1250	1850	2100	2580	2750	3200	3700	4000	4250	4800	4990	5200	6200	7000	7000	7500	8000
出口管径 / Outlet Pipe Diameter	inch	G1"	G1"	G1 1/2"	G1 1/2"	G2"	G2"	DN50	DN65	DN65	DN80	DN80	DN80	DN80	DN80	DN125	DN125	DN125	DN150	DN150	DN200	DN200
进水管 Inlet/Outlet Pipe Diameter		G3/4"	G3/4"	G3/4"	G3/4"	G3/4"	G1 1/2"	G1 1/2"	G1 1/2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"	G2"

风冷型系统流程示意图 / Air cooling system flow diagram



- | | | | |
|----------|-------------------------------------|---------------------------------|---------------------|
| — 控制管路 | 1. 空气滤清器/air filter | 6. 油/oil | 11. 油冷却器/oil cooler |
| — 进气管路 | 2. 进气阀/air inlet valve | 7. 油气桶/oil-air tank | 12. 球阀/ball valve |
| — 油管路 | 3. 压缩主机/air end | 8. 最小压力阀/minimum pressure valve | 13. 空气出口/air outlet |
| — 空气管路 | 4. 单向阀/non-return valve | 9. 油过滤器/oil filter | |
| — 油/气混合物 | 5. 油气分离器芯/oil air separator element | 10. 后冷却器/after cooler | |



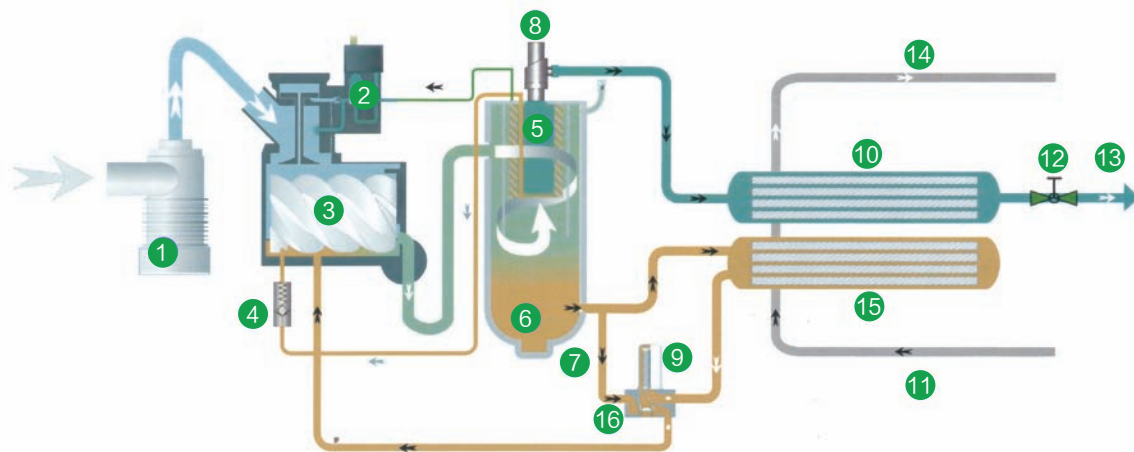
皮带传动螺杆式空压机 (5.5—75KW)

Belt Driven Double Screw Air Compressor (5.5—75KW)

技术参数 / Technical Parameters

型号 / Model		DA-5A	DA-7A	DA-11A	DA-15A	DA-18A	DA-22A	DA-30A	DA-37A	DA-45A	DA-55A	DA-75A	
排气量 / 排气压力 Air Delivery / Working Pressure	m ³ /min/ MPa	0.85/0.7	1.23/0.7	1.81/0.7	2.10/0.7	3.20/0.7	3.80/0.7	5.20/0.7	6.80/0.7	7.80/0.7	10.50/0.7	13.50/0.7	
		0.75/0.8	1.15/0.8	1.67/0.8	2.00/0.8	3.00/0.8	3.60/0.8	5.00/0.8	6.28/0.8	7.30/0.8	9.80/0.8	13.00/0.8	
			1.03/1.0	1.47/1.0	1.80/1.0	2.70/1.0	3.20/1.0	4.25/1.0	5.60/1.0	6.60/1.0	8.80/1.0	11.80/1.0	
		0.89/1.3	1.25/1.3	1.50/1.3	2.30/1.3	2.80/1.3	3.75/1.3	4.60/1.3	5.70/1.3	8.00/1.3	10.00/1.3		
压缩机级数 Compression Stage		单级 / single stage											
冷却方式 / Type of cooling		A- 风冷 (Air cooled) W- 水冷 (Water cooled)											
排气温度 Discharge temperature	℃	< 环境温度 +15℃ (风冷) ambient temperature+15℃ (air cooled) <40℃ (水冷) (water cooled)											
排气含油量 Oil content of discharged air	ppm	< 3											
噪音 / Noise	dB(A)	62 ± 2	62 ± 2	63 ± 2	63 ± 2	65 ± 2	65 ± 2	65 ± 2	65 ± 2	68 ± 2	68 ± 2	72 ± 2	
传动方式 / Driven Mode		皮带传动 / belt driven											
电源 / Power	V/ph/Hz	380/3/50											
功率 / Motor power	KW	5.5	7.5	11	15	18.5	22	30	37	45	55	75	
转速 / Rotation speed	R/min	2905	2905	2935	2935	2935	2940	2945	2945	2950	2965	2965	
启动方式 / Starting method		直接启动					Y- ▲启动 / starting						
冷却风量 / Cooling air volume	m ³ /h	80	80	80	100	145	145	255	255	255	255	268	
外形尺寸 Demension	长 L	mm	850	850	950	950	1150	1150	1150	1300	1300	1450	1450
	宽 W	mm	640	640	800	800	900	900	900	1000	1000	1450	1450
	高 H	mm	840	840	1140	1140	1250	1250	1250	1465	1465	1795	1795
重量 / Weight	Kg	300	410	475	560	560	640	900	980	1050	1250	1850	
出口管径 / Outlet Pipe Diameter	inch	G3/4"	G3/4"	G3/4"	G3/4"	G1"	G1"	G1"	G1 1/2"	G1 1/2"	G2"	G2"	

水冷型系统流程示意图 / Water cooling system flow diagram



- | | | | |
|----------|-------------------------------------|---------------------------------|------------------------------|
| — 控制管路 | 1. 空气滤清器/air filter | 7. 油气桶/oil-air tank | 13. 空气出口/air outlet |
| — 进气管路 | 2. 进气阀/air inlet valve | 8. 最小压力阀/minimum pressure valve | 14. 出水管/out of waterpipe |
| — 油管路 | 3. 压缩主机/air end | 9. 油过滤器/oil filter | 15. 油冷却器/oil cooler |
| — 空气管路 | 4. 单向阀/non-return valve | 10. 后冷却器/after cooler | 16. 温控阀 |
| — 油/气混合物 | 5. 油气分离器芯/oil air separator element | 11. 进水管 /into the waterpipe | temperature-controlled valve |
| | 6. 油/oil | 12. 球阀/ball valve | |

永磁变频螺杆空气压缩机

Permanent Magnet Variable Frequency Screw Air Compressor

A. 永磁电机 / Permanent Magnet Motor

- 在任何负载下始终保持 96% 以上的效率，相比普通电机节能 38% 以上，比感应式变频电机更节能 10% 以上。
- 采用同轴一体结构设计，不需要采用皮带、齿轮、联轴等传动元件，完全无传动损失，传动效率达到 100%。
- 电机停机后可马上启动的优越性能。• 无限次启停而不影响电机寿命。• 启动电流不超过 100% 满载电流。
- 通过宽量程控制，根据不同使用压力来设定机组转速从而达到最大的风量。
- 由于永磁变频电机拥有低转速高输出转矩的优势、所以他的变频控制模式较普通感应变频电机更加宽广。
- 永磁电机体积较同功率电机减小 30%，重量减轻 35%，维护更简便。
- Remain more than 96% efficiency under any load, Save energy 38% more than ordinary motor, Save energy 10% more than induction variable frequency motor.
- Use coaxial integration structure design, No need to use transmission components such as belt, gear and shaft coupling, No transmission loss completely, Transmission efficiency reaches 100%.
- Motor could start immediately after downtime .Don't influence motor's life with infinite start and stop .Starting current is less than 100% full load current.
- Set rotation to achieve maximum air volume according to different use pressure through wide range control.
- Permanent magnet variable frequency motor has the advantage of low rotation and high torque, so its variable frequency control model is wider than ordinary induction variable frequency motor.
- Permanent magnet motor's volume and weight are reduced by 30% and 35% compared to same power motor.

B. 变频器 / Frequency Converters

- 标准配备高频电抗器，有效降低了变频器产生的高频及外界的磁场干扰。
- 可靠的降低了启动时的峰值电流，实现了平稳的启动并节省了电源设备的成本。
- 特殊的散热设计，防止夏季高温跳脱。
- 标准配备防尘网，电路板表面涂层处理，实现防污、防尘防潮的效果。CAN 的标准协议，有硬件的线材规范，抗噪音能力强。
- 快速追踪压力的变化，将压力波动控制在 $\pm 0.01\text{Mpa}$ 以内，利用最佳的动力，精确的提供必要的空气量。
- With the standard configuration of radio-frequency reactor, it effectively reduce the high frequency and magnetic field interference outdoor which is generated by inverter.
- Reliably bring down the peak point current while starting, realizing the soft starting and saving the cost of power supply equipments.
- With special design for radiating, it can avoid high temperature trip in Summer.
- Standardly equipping with dust proof nets and processing the surface of circuit board in coating way, reaching the effect of antifouling, dustproof and moistureproof. Under the standard protocol of CAN, it is with the wire specification of hardware, great ability in resisting noise.
- Monitoring the changes of pressure quickly, controlling the pressure fluctuations within $\pm 0.01\text{Mpa}$, fully making use of the best power, supplying precisely the requisite air flow.

C. 显示屏 / Display Screen

- 首创节能数据显示，让您的节能看得见。
- 多重保护设计，二项轻故障提醒，十项重故障保护。
- 三种压力单位可自由选择，包括 (Mpa/Bar/Psi)
- 自由待机及休眠唤醒功能。
- 目标压力设定功能。实现期望机组达到的输出气压力值。
- 预留多处节点，用于控制冷干机启停及预加热功能。
- 中 / 英文切换及简 / 繁体切换功能。
- Initial data displaying for energy saving, making it visible for you .
- Multi protection design, 2 cautions for light failure, 10 alerts for heavy fault .
- Three pressure units optional (Mpa/Bar/ Psi)
- Automatic standby and dormancy awakening function
- With the function of setting target pressure, realize the expected pressure value of the unit.
- Multiple nodes reserved for controlling air dryer's start-stop and preheat function
- Display language interchangeable between CN & EN, simplified Chinese & Traditional Chinese character.

D. 离心式风机 / Centrifugal Fan

- 在恶劣环境下使用，能达到最佳的冷却效果，双进风离心风机效率高，风量，噪音低。
- It can reach the optimum cooling effect in harsh environment. Double air intake centrifugal fan with high efficiency, large air flow, low noise





国内首创 卓越品质 First Domestic Innovation, Superior Quality

永磁时代已经来临，德耐尔永磁同步变频式空压机搭载自主研发永磁电机，历经数年的技术克服，荣耀上市，为您成就无人可及的可靠性和巅峰效率。

Permanent magnet era has arrived, DENAIR permanent magnet synchronous inverter compressor equipped with self-developed permanent magnet motor, after researching and overcoming technique for several years, listed glory and achieved the most reliability and peak effectiveness.

主要参数 / Main Data

输出功率 (Outlet Power) : 22~160kW
风量 (Air Delivery) : 3.5~28.2m³/min
最大工作压力 (Max Working Pressure) : 1.6Mpa



永磁变频系列技术规格表 / Technical Parameters

机型 / Model		DAV-18A	DAV-22A	DAV-37A	DAV-45A	DAV-55A	DAV-75A	DAV-90A	DAV-110A	DAV-132A	DAV-160A										
压缩机 Compressor	排气量 / Air Delivery (m ³ /min)	7kgf/cm ²	1.0~3.2	1.1~3.8	2.0~6.8	2.3~7.8	3.2~10.5	4.1~13.5	5.0~16.5	7.0~21.0	7.2~24.1	8.7~29.0									
		8kgf/cm ²	1.9~3.0	1.0~3.6	1.8~6.5	2.2~7.3	3.0~10.0	3.9~13.1	4.7~16.0	6.0~20.0	7.0~23.2	8.5~28.2									
		10kgf/cm ²	0.8~2.7	0.9~3.2	1.7~5.6	1.9~6.6	2.6~8.8	3.5~11.8	4.2~13.9	5.1~17.0	6.1~20.5	7.9~26.5									
		13kgf/cm ²	0.7~2.3	0.8~2.8	1.4~4.6	1.7~5.7	2.4~8.0	3.0~10.0	3.7~12.3	4.4~14.8	5.3~17.8	6.8~22.5									
	空气出口温度 / Outlet Temperature °C	环境温度 +15°C																			
	空气出口管径 Outlet Pipe Diameter (inch)	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2- 1/2"	2- 1/2"	3"	3"	3"	3"									
	传动方式 / Transmission method	直接传动																			
	润滑油量 / Lubricated Oil Volume (L)	19		22.5		55		60		70		100									
排气量控制方式 Air Delivery Control Method	0~100% 自动控制																				
最高工作环境温度 °C Max Working Ambient Temperature °C	45°C																				
马达 Motor	额定输出 / Rated Outlet Power (KW)	18.5	22	37	45	55	75	90	110	132	160										
	接线盒位置 / Connector	上方 / Top																			
	电压 / Voltage (V) / 频率 / Frequency (HZ)	380V / 50HZ / 60HZ																			
	型式 / Type	半密闭 IP23 / Semi-closed IP23																			
启动方式 / Starting Method	变频启动 / Variable Frequency Starting																				
冷却器 Cooler	冷却方式 / Cooling Method	空气冷却 / Air cooling																			
	风扇功率 / Fan Power (KW)	0.25	0.37	1.5	1.5	1.5	1.5	0.75*2	0.75*2	1.5*2	3.0*2	3.0*2									
	排风量 / Exhaust Air Volume (m ³ /min)	50	75	125	185	194	194	320	470	500	650	650									
安全保护装置 / Safety Indicating Device	安全阀 / Safety Valve, 排气高温 / Exhaust High Temperature Protection, 排气高压 / Exhaust High Pressure Protection, 过电流 / Over Current Protection, 欠相 / Less Phase Protection, 逆相 / Reversed Phase Protection																				
保养指示装置 / Maintenance Indicating Device	空气过滤器 / Air Filter, 油过滤器 / Oil Filter, 油气分离器 / Oil-gas Separator, 换油 / Lubricated Oil																				
微电脑控制器 / Microcomputer Controller	数字温度 / Digital Temperature, 压力显示控制 / Pressure Display Controller, 全自动运转 / Fully Automatic Operation, 停机控制多机连锁控制 (选配) / Stop Controller Multi-machine Interconnection Controller (optional), 中央监控扩充功能 (选配) / Central Monitoring Extension Function (optional)																				
机组净重 / Net Weight (Kg)	650		650		700		750		1500		1800		2000		2500		3000		3500		
外型尺寸 Overall Dimension	长 / L (mm)	1100		1100		1250		1300		1400		2100		2100		2500		2500		2700	
	宽 / W (mm)	1000		1000		1100		1200		1400		1450		1450		1650		1650		1700	
	高 / H (mm)	1360		1360		1500		1600		1850		1650		1650		1850		1850		2000	

无油螺杆空气压缩机

Oil Free Double Screw Air Compressor

德耐尔无油螺杆式空压机采用欧洲技术研发的水润滑螺杆主机，耐腐蚀，在高温与低温环境下不变形，内部采用独立的润滑水道，最大限度减少主机磨损，减少空气污染。增加空气的流速，采用德国 DENAIR 原装进口水分离与水软化系统，增加水在水汽桶的分离速度，达到最佳的水分离效果，确保排气含水量小于 $2\text{mg}/\text{m}^3$ 。

DENAIR oil free double screw air compressor with the air end developed with European technical standard which is corrosion-resistant and keeps the shape in high temperature and low temperature environment, independent water lubricating pipe to reduce the abrasion most and reduce the air pollution as well. Increasing the flow rate of the air, using the DENAIR water separate and water softening system imported from Germany, increasing the separation speed of the water in the compressed air vessel to reach the best separation effect and ensure the water content of the compressed air is less than $2\text{mg}/\text{m}^3$.

采用铜质螺杆和 DENAIR 进口的密封材料，使螺杆的密封与啮合更紧密，密封材料更加的耐磨损。

It adopts cupreous double screws and imported DENAIR sealing materials to make the seal and the mesh of the double screws more tighter, the dealing materials with more corrosion-resistant.

采用进口 SKF 轴承加以独立的内部气密封技术，保证润滑水与轴承的绝对不接触，减少润滑水对轴承的锈蚀，保证轴承使用寿命达到 5 万小时以上。

It adopts the imported SKF bearing with the internal gas seal technology to insure the water is out of touch of bearing, reducing the corrosion caused by the lubricated water which makes the bearing lifetime much longer with more than 50000 working hours.

水系统采用德国 DENAIR 独有的水过滤与润滑系统，确保润滑、密封、降噪、冷却功能最佳、最大的发挥。全自动的水控制系统，保证水的合理流量，降低压缩机的功率损耗。

Water system adopts Germany DENAIR particular water filtration and lubrication system, insure the best function and performance of the lubrication, sealing, noise reduction and cooling. Full automatic water control system insures the reasonable water flow and reduces power loss of the compressor.

采用风冷与水冷的双系统设计，确保客户的使用安装简单；

It adopts air cooling and water cooling dual systems design, which is easy for customer to install and operate the compressor.

全部采用直联式传动，功耗最低。

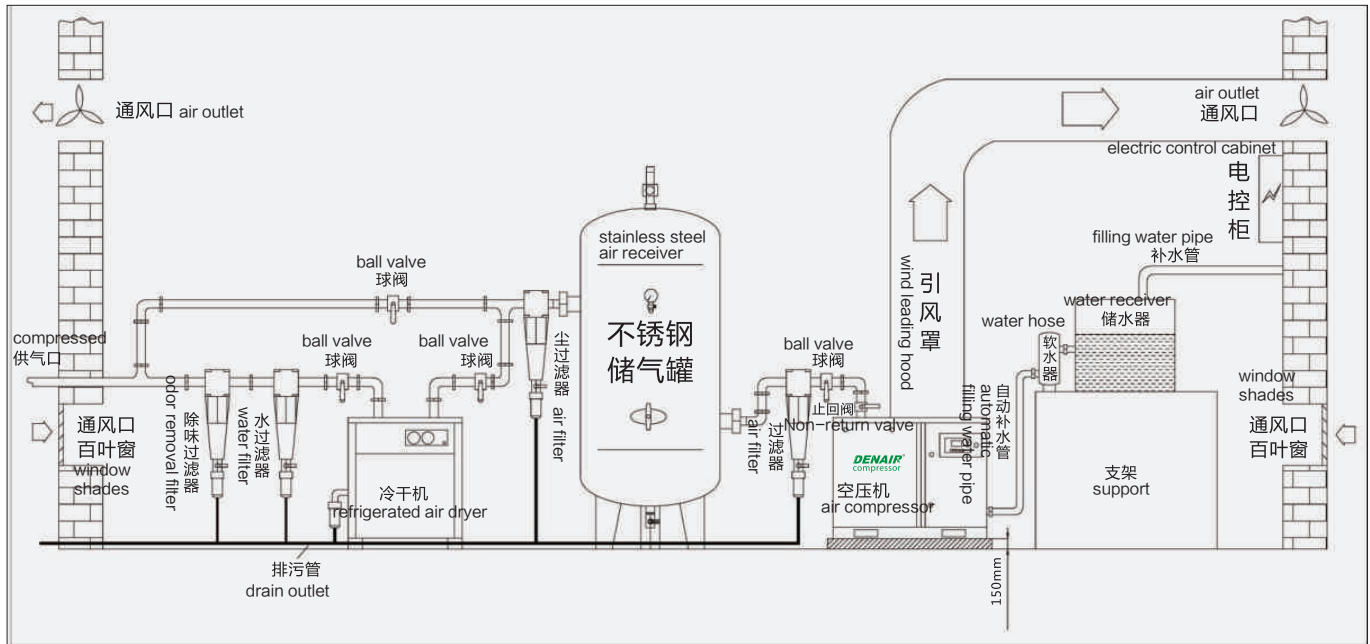
All in direct-driven transmission with lowest power consumption.





无油空压机供气配置图

Oil Free Air Compressor Compressed Air System Deployment Diagram



无油螺杆空气压缩机技术参数表

Oil Free Double Screw Air Compressor Technical Parameters

型号 model	功率 power	工作压力 pressure	容积流量 air flow	噪音 noise	出口尺寸 outlet	机组重量 weight	外形尺寸 dimension
DWW-6A/W	5.5	0.8/1.0	0.8/0.63	60	Rp3/4	460	1040 × 790 × 1020
DWW-8A/W	7.5	0.8/1.0	1.15/1.0	62	Rp3/4	540	1040 × 790 × 1020
DWW-11A/W	11	0.8/1.0	1.65/1.50	66	Rp3/4	580	1040 × 790 × 1020
DWW-15A/W	15	0.8/1.0	2.30/2.05	66	Rp1	620	1040 × 790 × 1020
DWW-18A/W	18	0.8/1.0	3.0/2.6	66	Rp1	800	1450 × 860 × 1400
DWW-22A/W	22	0.8/1.0	3.6/3.2	68	Rp1	860	1450 × 860 × 1400
DWW-30A/W	30	0.8/1.0	5.0/4.5	70	Rp311/4	1000	1450 × 860 × 1400
DWW-37A/W	37	0.8/1.0	6.6/5.8	70	Rp311/2	1250	1670 × 1085 × 1590
DWW-45A/W	45	0.8/1.0	7.6/7.0	71	Rp311/2	1280	1670 × 1085 × 1590
DWW-55A/W	55	0.8/1.0	10.0/9.0	74	Rp2	1650	1800 × 1300 × 1550
DWW-75A/W	75	0.8/1.0	13.0/11.8	76	Rp2	1960	1800 × 1300 × 1550
DWW-90A/W	90	0.8/1.0	15.0/13.0	76	Rp2	2500	1800 × 1300 × 1550
DWW-110A/W	110	0.8/1.0	20.5/17.0	80	DN65	3220	2166 × 1996 × 1918
DWW-132A/W	132	0.8/1.0	23.5/20.2	80	DN65	3340	2166 × 1996 × 1918
DWW-160A/W	160	0.8/1.0	26.0/24.5	80	DN80	3340	2166 × 1996 × 1919
DWW-185A/W	185	0.8/1.0	29.0/27.0	82	DN80	4200	2166 × 1996 × 1920
DWW-250A/W	250	0.8	45.0	82	DN125	6380	3760 × 2050 × 2100
DWW-280A/W	280	1.0	45.0	83	DN125	6380	3760 × 2050 × 2100
DWW-315A/W	315	1.25	45.0	83	DN125	6380	3760 × 2050 × 2100

低压螺杆空气压缩机

Low Pressure Screw Air Compressor

产品特点 / Product Features

0.3Mpa 低压螺杆空气压缩机

Low Pressure Screw Air Compressor

- 排气压力 / Working pressure: 0.3Mpa
- 排气量 / Air delivery: 6.55-92.04m³/Min
- 电机功率范围 / Motor power range: 22-355 Kw

0.5Mpa 低压螺杆空气压缩机

Low Pressure Screw Air Compressor

- 排气压力 / Working pressure: 0.5Mpa
- 排气量 / Air delivery: 6.55-55.73m³/Min
- 电机功率范围 / Motor power range: 30-250 Kw



为纺织、水泥、玻璃行业专门打造的 / Especially design for textile, cement and glass industry

德耐尔 50Hz 0.3Mpa 低压螺杆空气压缩机

当您的用气压力为 0.2--0.5Mpa 时，选用常规的 0.7Mpa 空气压缩机将造成巨大的电力浪费，选用低压螺杆空气压缩机在同样的电机功率下可以大幅度增加压缩空气的产气量，相应地，您可以 ----- 省电 20-50%。

如果您购买 0.7Mpa 的机器，而实际使用压力 0.3Mpa 的话，它的工作过程通常是这样的：螺杆主机先将空气压缩到 0.7Mpa，再通过减压阀等途径将压力减到 0.3Mpa 使用。也就是说，您使用的是 0.3Mpa 压力，您承受的是 0.7Mpa 的功耗。

也可以从排气量方面加以证明：

一台 132kW、0.7Mpa 的螺杆空压机，它的排气量应该是 24m³/min。而选用 132kW、0.3Mpa 的螺杆空压机，它的排气量超过了达到了 39.8m³/min！所节约的电费将让您在不到一年的时间内收回投资。

根据用户的使用压力，自动调节内压缩比，在 0.2~0.5Mpa 的排气压力范围内，都能保持最佳比功率（能效）。

采用油泵强制润滑

确保在极低的排气压力下也有足够的喷油量、最佳的油气混合比

DENAIR 50Hz 0.3Mpa low pressure screw air compressor

It will cause a terrible waste of electric power to choose a routine 0.7Mpa air compressor when the pressure consumption is 0.2-0.5Mpa. Choosing a low pressure screw air compressor can enlarge the air delivery of air compressor under the same motor power. Corresponding, low pressure compressor can help you save 20% to 50% electric power.

If you purchase the 0.7Mpa compressor, but your actual use pressure is 0.5Mpa, its working process as follows: the screw air end firstly compresses the air to be 0.7Mpa, then reduces the pressure to be 0.5Mpa through pressure reducing valve or other approaches. That is to say, you use 0.5Mpa pressure, but enduring 0.7Mpa power consumption.

It can be also proved by air delivery:

One screw air compressor of 132kw and 0.7Mpa, its air delivery should be 24m³/min. However, if choose DENAIR 132KW and 0.5Mpa screw air compressor, the air delivery can reach 30m³/min! The saved power fare can recoup your capital outlay within one year.

As per users' working pressure, it can automatically adjust the compression ratio, and within the exhaust pressure range of 0.2~0.5Mpa, the best specific power can be maintained. (energy efficiency)

Using oil pump force-lubrication.

Make sure the adequate oil injection and best oil-gas mixing ratio under the very low exhaust pressure.

技术参数 / Technical Parameters

50Hz/0.3Mpa

型号 / Model	DAL-22/3	DAL-37/3	DAL-55/3	DAL-90/3	DAL-132/3	DAL-160/3	DAL-200/3	DAL-355/3
排气压力 / Discharged Pressure (Mpa)	0.3							
排气量 / Air Delivery (m ³ /min)	6.55	10.7	17.49	25.44	39.83	45.6	55.73	92.04
电机功率 / Motor Power (kW)	22	37	55	90	132	160	200	355
噪声 / Noise (dB(A))	69	70	72	72	73	75	75	78
外形尺寸 / Dimension (mm)	2000 × 1400 × 1700	2800 × 1600 × 1810	2990 × 1710 × 2000	3160 × 1810 × 2080	3460 × 2060 × 2130	4200 × 2300 × 2350	4200 × 2300 × 2350	4400 × 2350 × 2400

50Hz/0.5Mpa

型号 / Model	DAL-30/5	DAL-45/5	DAL-75/5	DAL-90/5	DAL-110/5	DAL-132/5	DAL-160/5	DAL-250/5
排气压力 / Discharged Pressure (Mpa)	0.5							
排气量 / Air Delivery (m ³ /min)	6.55	10.7	17.49	22.75	25.44	30.00	39.83	55.73
电机功率 / Motor Power (kW)	30	45	75	90	110	132	160	250
噪声 / Noise (dB(A))	69	70	72	72	73	75	75	78
外形尺寸 / Dimension (mm)	1680 × 1260 × 1350	2220 × 1410 × 1720	2560 × 1490 × 1820	3110 × 1690 × 2200	3110 × 1690 × 2200	3660 × 1760 × 2190	3660 × 1760 × 2190	4160 × 2160 × 2300



电动移动式空压机

Electric Mobile Air Compressor

产品特点 / Product Features

- 高效、耐用的三防电动机 / Efficient, durable 3-proof motor
- 性能卓越的螺杆主机 / The screw air end of excellent performance
- 传递大扭矩的联轴器 / The coupling can transfer large torque
- 自动保护系统 / Automatic protection system
- 豪华仪表盘，运行状态一目了然 / Luxury dashboard with clear operating status
- 世界顶级的三滤 / The world top-level three filters
- 自主设计的冷却系统 / The independent design of the cooling system
- 安全可靠的电器控制系统 / The safety and reliability of electrical control system
- 自动进气阀及卸载启动装置 / The automatic air inlet valve and the unloading device
- 易全面维护的设计，性能可靠 / Easy to maintain a comprehensive design, reliable performance
- 准确可靠的温控阀 / The accurate temperature control valve
- 整机隔音式设计，噪音低 / The whole machine sound insulation design, low noise



技术参数 / Technical Parameters

整机型号 / Machine Model			DDY-8/10	DDY-10/8	DDY-10/12	DDY-10/10	DDY-12/8	DDY-15/8	DDY-12/14		
压缩机 Compressor	形式 / Type		喷油双螺杆、单级压缩、移动式 Oil-injection double screw, single-stage compression and portable								
	容积流量 / Air delivery	m ³ /min	8.2	10.2	10	10.2	12	15.7	12		
	额定排气压力 Rated Discharged Pressure	bar	10	7.5	12.5	10	7.5	8	14		
	工作压力范围 Working pressure range	bar	5~10	5~8	5~13	5~10	5~8	5~8	5~14		
	润滑油容量 / Lub oil volume	L	54	54	62	54	54	54	54		
	接口尺寸、数量 Connection size, number		R1.1/2" × 1, R1" × 1								
	轮胎规格 / Tire specs		6.5-16 × 2								
	轮胎压力 / Tire pressure	kPa	500~600								
	轮距 / Wheel track	mm	1560								
	最高工作海拔 Max working altitude	m	3500								
	长 × 宽 × 高 / L × W × H	mm	3220 × 1850 × 1750					3460 × 1700 × 2240		3950 × 1970 × 2020	
机组重量 / Weight	Kg	1980			2090		3000		2650		
噪音 / Noise	dB(A)	68-72			70-75		70-75		70-75		
电动机 Motor	型号 / Model		Y2-225			Y2-250		Y2-280M-2-90			
	额定功率 / Rated power	kW/HP	55/75			75/100		110/150			
	额定转速 / Rated speed	rpm	2970			2975		2980		2960	
	电源 / Voltage	V/Hz/Ph	380 ± 10%/50/3								
	绝缘等级 / Insulation level		F级 / class F								
	防护等级 / Protective level		IP54								
	启动方式 / Starting mode		Y-Δ								

注: 以上参数如有变动, 恕不另行通知! Notice: the above data is subject to change without notice.

柴动移动式空压机 Diesel Mobile Air Compressor

产品特点 / Product Features

- 配置最新的东风康明斯柴油机，对排气量和功率作了合理的调整，能够满足重载使用和最严酷的野外使用环境，同时降低了燃油消耗，大大降低了运行成本。
- 柴油机排气管上包裹了高效的隔热套，对排气管起到隔热和防护的作用，避免人体被烫伤。
- 机组装有进气预热器，可选装燃油加热器和冷却液加热器等冷启动装置，解决机组在低温、高海拔地区的发动机启动难问题。
- The newest configuration of Dongfeng Cummins Diesel Engine has reasonably adjust the air delivery and power, which can meet the requirements of heavy duty use and most harsh field application environment, and greatly reduce fuel consumption and operation cost.
- The diesel engine exhaust pipe is packed with high efficient insulation jacketing, which can play the effect of insulation and protection, and avoid body burns.
- With cold starting devices, such as inlet pre-heater, optional fuel heater and coolant heater, the unit has solved the difficult starting problem under low temperature and high altitude areas.



技术参数 / Technical Parameters

整机型号 / Machine Model		DCY-8.5/10	DCY-10/8	DCY-10/13	DCY-11/10	DCY-13/8	DCY-15/13	DCY-22.5/14	DCY-12/13	DCY-22.5/14	DCY-25.5/20	DCY-17/8	DCY-14/18	DCY-18.5/18	DCY-28/10	DCY-34/25	
压缩机 Compressor	型式 / Type	喷油双螺杆、单级压缩、移动式、螺杆式一级压缩油冷式 Oil-injection double screw、single-stage compression、portable、screw-type one-stage compression, oil-cooled															
	排气量 / Air delivery	m ³ /min	8.5	10	10	11	13	15	22.5	12	22.5	25.5	17	14	18.5	28	34
	排气压力 Working pressure	bar	10	8	13	10	8	13	14	13	14	20	8	18	18	10	25
	驱动方式 / Drive method		联轴器直联、柴油机驱动 / Coupling direct driven, diesel driven														
	油气罐容量 Oil-gas Tank Capacity	L	120		150		189	196	127	189	173	189	127	189	211	260	
润滑油油量 / Oil capacity	L	48		60		80	137	65	105	137	80	80	105	140	145		
发动机 Engine	制造商 / Manufacturer	玉柴 (Yuchai) Cummins(康明斯)															
	型号 / Model	YC4B115Z	6BT5.9 或 YC6108ZG		6BTA5.9	6LTA8.9	EQ6BT5.9	6CTA8.3	6LTA8.9	6BTA5.9	6BTA5.9	6CTA8.3-C240	6LTA8.9-C360	6CTA8.3-C260			
	形式 / Type	水冷四冲程、直接喷射式 / Water-cooled, four-stroke, direct injection															
	气缸数 Cylinder number		4			6											
	额定功率 / Rated power	kw	84/115	110/150		132	239	118	194	264	132	179	194	264	336		
	额定转速 Rated rotation speed	rpm	2400	2400/2500		2500	2200	2600	2200	2200	2500	2200	2200	2200	2100		
	空载转速 No-load speed	rpm	1400										1300	1400	1400		
	润滑油量 / Oil capacity	L	20-24	25-28		24	24	18	24	24	24	24	24	24	43		
	冷却水量 Cooling water volume	L	50	55		55	55	50	55	55	55	70	75	55	75		
	电瓶 / Battery		6-QW-150Ah × 2	6-QW-200Ah × 2		6-QW-150Ah × 2	6-QW-200Ah × 2	6-QW-150Ah × 2	6-QW-200Ah × 2	6-QW-200Ah × 2	6-QW-150Ah × 2	6-QW-165 × 2		6-QW-150Ah × 4	6-QW-165MF × 4		
燃料箱容量 Fuel tank capacity	L	120-160			380	380	210	380	380	380	380	380	580	700			
机组 Unit	长 (机体 / 整机) / L	mm	2880	2880	3220	3220	3220	3460	4300	2900/3940	3980	4300	3460	3400	3400	4385	4550
	宽 / W	mm	1740	1740	1850	1850	1850	1700	2100	1970	1980	2100	1700	1980	1980	2290	2300
	高 / H	mm	1760	1760	1850	1850	1850	2240	2700	2020	2320	2700	2240	2210	2210	2529	2630
	净重 / N.W	Kg	1950	1950	2450	2450	2450	3600	5000	2650	4550	5500	3600	3280	3280	5550	6500
	出口排气阀 Outlet valve		1-G2"、1-G1"														



组合式螺杆空压机（一体机）

Combined Screw Air Compressor Series (integrated unit)

产品特点 / Product Features

组合式螺杆空气压缩机是将螺杆压缩机，冷冻干燥机、精密过滤器、储气罐等部件集成于一体，用户安装方便，使用简单，移动灵活。

空气经集成系统后，空气质量明显优化，可满足各企业的工艺过程需要。

美观的外型、可靠的性能，经济性优越，是我公司出口的重要系列之一。

The combined screw air compressor integrates the parts including screw compressor, air dryer, high efficiency air filter and air tank, making it convenient for the user to install, use and move.

After the air pass the integrated system, the quality of the air is made largely better to satisfy the process requirements of various companies.

It is beautiful appearance, stable performance and economy, it is one of the important series most exported by our company.



技术参数 / Technical Parameters

型号 / Model		DA-7LG	DA-11LG	DA-15LG	DA-18LG	DA-22LG	DA-30LG	DA-37LG	
排气量 / 排气压力 Air Delivery / Working Pressure	m ³ /min/ MPa	1.23/0.7	1.81/0.7	2.10/0.7	3.20/0.7	3.80/0.7	4.75/0.7	6.80/0.7	
		1.15/0.8	1.67/0.8	2.00/0.8	3.00/0.8	3.60/0.8	4.5/0.8	6.28/0.8	
		1.03/1.0	1.47/1.0	1.80/1.0	2.70/1.0	3.20/1.0	4.25/1.0	5.60/1.0	
		0.89/1.3	1.25/1.3	1.50/1.3	2.30/1.3	2.80/1.3	3.75/1.3	4.60/1.3	
压缩机级数 Compression Stage	单级 / single stage								
冷却方式 / Type of cooling	A- 风冷 (air cooled)								
排气温度 Exhaust temperature	℃	< 环境温度 +15℃ (风冷) / ambient temperature +15℃ (air cooled)							
排气含油量 Oil content of discharged air	ppm	< 3							
噪音 / Noise	dB(A)	62 ± 2	63 ± 2	63 ± 2	65 ± 2	65 ± 2	65 ± 2	65 ± 2	
传动方式 / Driven Mode	皮带传动 / belt driven								
电源 / Power	V/ph/Hz	380/3/50							
功率 / Motor power	KW	7.5	11	15	18.5	22	30	37	
转速 / Rotation speed	R/min	2905	2935	2935	2935	2940	2945	2945	
启动方式 / Starting method	Y- ▲启动 / starting								
冷却风量 / Cooling air volume	m ³ /h	80	80	100	145	145	255	255	
外形尺寸 Demension	长 L	mm	1565	1895	1895	2110	2110	2110	2340
	宽 W	mm	640	950	950	1150	1150	1150	1300
	高 H	mm	1298	1570	1570	1728	1728	1728	2047
出口管径 / Outlet Pipe Diameter	inch	G1"	G1"	G1"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	
储气罐容积 (双罐) Storage Volume(double tanks)	m ³	0.16	0.24	0.24	0.48	0.48	0.48	0.78	

微油系列活塞空气压缩机

Micro oil series piston air compressor

产品特点 / Product Features

拥有自有专利技术的铝合金气缸盖和流线型冷却风扇，能迅速降低温度。优质高效的瑞典舌簧阀，阻力小、排气量大，使用寿命达 1 万小时。拥有自有专利技术的旋风式空气滤清器，增强气缸进气能力，有效地提高排气量。经计算机优化设计，机器运行极其平稳、可靠、噪音低。

With the own patent technology aluminium alloy cylinder head and Streamlined cooling fan that can promptly decrease the temperature. The high quality and efficiency Sweden feather valve, low resistance and large delivery capacity the lifespan can reach to 10000hour. With the own patent scroll air filter, to increase the cylinder air intake capacity can efficiency improve the air delivery. The machine operation extremely stable, reliable and low noise through the computer optimization design.



贴近用户的实际需求 / Press close to the actual demand of users

完整的系列产品，适用各种用户不同的需求。大容量储气罐，减少频繁启动延长寿命，节省维护管理成本。可在无专人管理的条件下长期使用。

Complete series of products, apply to various users demands, high-capacity air tank decrease the frequently open to extend the life span and spare the maintenance and manager cost. Under the circumstance of absence the special manager can long-term use.

风冷往复式压缩机技术参数 / Technical Parameters

规格 Specification	排气量 Air delivery	压力 Working pressure	电机功率 Motor power		回转数 Revolution number	储气罐 Air tank	外型尺寸 Overall dimension	总重 Weight
型号 / Model	m ³ /min	Mpa	HP	KW	r/min	L	长(L) × 宽(W) × 高(H)mm	Kg
DV-0.75/0.8	0.75	0.7	7.5	5.5	850	250	1810 × 635 × 1370	320
DT-0.6/1.4	0.6	1.25	7.5	5.5	710	250	1810 × 635 × 1370	320
DT-1.05/0.8	1.05	0.7	10	7.5	850	312	1810 × 635 × 1370	380
DT-0.8/1.4	0.8	1.25	10	7.5	940	312	1810 × 635 × 1370	380
DT-1.55/0.8	1.55	0.7	15	11	950	312	1870 × 690 × 1410	548
DT-1.15/1.4	1.15	1.25	15	11	850	330	1870 × 690 × 1410	548
DT-2.15/0.8	2.15	0.7	20	15	900	500	1950 × 740 × 1520	681
DT-1.65/1.4	1.65	1.25	20	15	800	500	1950 × 720 × 1520	681
DT-3.2/0.7	3.2	0.7	25	18.5	850	500	2150 × 830 × 1590	700



全无油润滑往复式空气压缩机

Oil Free Reciprocating Air Compressor

产品特点 / Product Features

- 能获得 100% 的洁净压缩空气
 - 应用多项最新专利技术
全无油润滑，对环境无污染，是环保型产品；
操作简单，使用方便，能自动停开机。
 - 寿命长，可靠性好
选用高精度的进口轴承和进口材料；低成本、低消耗；省油、省电、省人工，人机物料费用每年节约 5000 元以上；最经济、耐用，采用氮化防腐新工艺和模压成型的填料聚四氟乙烯自润滑零件，自润性好，防腐耐磨。
- Got 100% clean compressed air
 - Apply multiterm new patent technology
No oil lubricated is no pollution for environment, is a environment friendly products.
Easy to operate, convenient to use and can automate turn on and turn off.
 - Long lifespan and good reliability.
Process the high precision imported bearing and material, low cost and consumption, can save oil, power and labor, can save 5000RMB pre year on person, machine and material.
Adopt the the most economical and durable selflubricating element Nitriding antiseptic new technology and compression moulding forming filter-- polytetrafluoroethylene, with feature of better self-lubricating performance, durable and wearproof.



技术参数 / Technical Parameters

规格 Specification	电机功率 Motor power		缸径 × 数量 Cylinder diameter × No.	行程 Stroke	转速 Speed	排气量 Air delivery	额定压力 Rated pressure	最高工作压力 Highest Working pressure	储气罐容积 Gas tank Volume	外形尺寸 / Overall dimension	重量 Weight
型号 / Model	HP	KW	PCS × mm	mm	r/min	m ³ /min	MPa	Mpa	m ³	长(L) × 宽(W) × 高(H)mm	kg
DW-0.4/7	4	3	70 × 3	55	860	0.4	0.7	0.8	0.175	1470 × 470 × 980	215
DW-0.3/12.5	4	3	70 × 2.55 × 1	55	1050	0.3	1.25	1.40	0.175	1470 × 470 × 980	215
DW-0.5/7	5.5	4	70 × 3	55	850	0.5	0.7	0.8	0.175	1470 × 470 × 980	225
DW-0.45/12.5	5.5	4	70 × 2.55 × 1	55	1050	0.4	1.25	1.4	0.175	1470 × 470 × 980	225
DW-0.65/12.5	7.5	5.5	100 × 2.80 × 1	72	780	0.65	1.25	1.4	0.25	1800 × 700 × 1460	295
DW-1.0/7	10	7.5	100 × 3	72	860	1.0	0.7	0.8	0.312	1800 × 700 × 1460	335
DW-0.75/12.5	10	7.5	100 × 2.80 × 1	72	860	0.75	1.25	1.4	0.312	1800 × 700 × 1460	335
DW-1.5/7	15	11	125 × 2.110 × 1	80	800	1.5	0.7	0.8	0.312	1800 × 780 × 1500	480
DW-1.28/12.5	15	11	125 × 2.100 × 1	80	800	1.28	1.25	1.4	0.312	1800 × 780 × 1500	480
DW-2.0/7	20	15	125 × 2.110 × 1	110	800	2.0	0.7	0.8	0.50	1910 × 800 × 1650	620
DW-1.8/10	20	15	125 × 2.100 × 1	110	800	1.8	1.0	1.15	0.50	1910 × 800 × 1650	620
DW-1.6/12.5	20	15	125 × 2.100 × 1	110	800	1.6	1.25	1.4	0.50	1910 × 800 × 1650	620
DW-3.0/7	25	18.5	125 × 3	110	800	3.0	0.7	0.8	0.50	1910 × 800 × 1650	650

中高压 / 增压系列空压机

High Pressure / Booster Series Air Compressor

36V、42W 增压系列 / Booster Series

- 排气量/Air delivery: 3.0~16.0m³/min
- 排气压力/Exhaust Pressure: 4.0~5.0Mpa
(吸气压力 / Inlet Pressure 0.8~1.0Mpa)
- 装机容量/Motor power: 18.5KW(25HP)~18.5KW×4(25HP×4)



技术参数 / Technical Parameters

名称 Title		规格型号 Mode	排气量 Air delivery m ³ /min	最高工作压力 Max. working pressure MPa	电机功率 Moter power KW	外形尺寸 / Overall Dimension mm
中高压活塞空压机 High Pressure / Booster Series Air Compressor	2 级压缩 2 Stage compression	DG0.8/30	0.8	3.0	9	1080*620*800
		DG1.25/30B	1.25	3.0	15	1800*650*1450
		DG1.5/30	1.5	3.0	15	1500*850*1050
		DG3/17	3.0	1.7	30	1750*1050*1250
		DG6/17	6.0	1.7	45	1850*1050*1250
	3 级压缩 3 Stage compression	DG2.2/40	2.2	4.0	22	1780*1050*1340
		DG2.2/30	2.2	3.0	22	1780*1050*1340
		DG3.3/30	3.3	3.0	30	1780*1050*1340
		DG3/40	3.0	4.0	30	1650*1250*1250
		DG0.8/100	0.8	10.0	15	1300*850*1350
		DG1/70	1.0	7.0	15	1300*850*1350
		DG1/40	1.0	4.0	15	1300*850*1350
	4 级压缩 4 Stage compression	DG1/150	1.0	15.0	22	1650*1450*1140
		DG1/200	1.0	20.0	22	1650*1450*1140
		DG1/300	1.0	30.0	22	1650*1450*1140
		DG1/400	1.0	40.0	22	1650*1450*1140
		DG2.0/80	2.0	8.0	30	1780*1450*1140
		DG2.2/150	2.2	15.0	30	1780*1450*1340
		DG2/300	2	30.0	37	1780*1450*1340
		DG3/80	3.0	8.0	30	1780*1450*1140
	5 级压缩 5 Stage compression	DG3/200	3.0	20.0	45	1780*1450*1340
DG2/450		2.0	45.0	37	1780*1450*1340	
DG3/300		3.0	30.0	45	1780*1450*1340	
DG3/450		3.0	45.0	55	1780*1450*1340	



无热再生吸附式压缩空气干燥机

Heatless Purge Desiccant Air Dryer

工况条件与技术指标 / Working Condition and Technical Parameters

- 再生气量(Purge air): $\leq 12 \sim 15\%$
- 工作压力(Working pressure): $0.6 \sim 1.0\text{Mpa}$
- 进气含油量(Inlet oil content): $\leq 0.01\text{ppm}$
- 成品气压力露点(Outlet air pressure dew point): $-20^{\circ}\text{C} \sim -40^{\circ}\text{C}$
- 干燥剂(Desiccant): 活性氧化铝(Activated aluminum)或(or)分子筛(Molecular sieze)
- 工作周期(Working periods): $T=4 \sim 20\text{分钟(Minutes)}$
- 进气温度(Inlet temperature): $0^{\circ}\text{C} \sim 45^{\circ}\text{C}$



型号规格与性能参数 / Model, Size & Technical Parameters

型号 / Model 项目 / Item	空气处理量 Capacity (Nm ³ /min)	空气接 管口径 Air Connection	外形尺寸 Dimension(mm)			重量 Net weight (kg)
			长 / L	直径 Diameter	高 / H	
DAD-1WXF	1.2	ZG1	800	400	1420	120
DAD-2WXF	2.4	ZG1	800	400	1520	180
DAD-3WXF	3.8	ZG1.5	1000	450	1900	300
DAD-6WXF	6.5	ZG1.5	1200	500	1950	400
DAD-8WXF	8.5	ZG1.5	1400	600	2000	510
DAD-10WXF	10.7	ZG2	1400	600	2090	700
DAD-13WXF	13.5	DN50	1400	600	2140	740
DAD-15WXF	18	DN65	1400	600	2200	780

型号 / Model 项目 / Item	空气处理量 Capacity (Nm ³ /min)	空气接 管口径 Air Connection	外形尺寸 Dimension(mm)			重量 Net weight (kg)
			长 / L	直径 Diameter	高 / H	
DAD-20WXF	25	DN80	1670	650	2435	1180
DAD-30WXF	35	DN100	1670	650	2566	1760
DAD-40WXF	45	DN125	1750	750	2700	2200
DAD-50WXF	55	DN125	1800	750	2755	2600
DAD-60WXF	65	DN125	1900	700	3070	3100
DAD-80WXF	85	DN150	2930	1300	3370	4100
DAD-100WXF	110	DN150	3100	1650	3200	5200
DAD-160WXF	160	DN200	3240	1770	3190	6000

微热再生吸附式压缩空气干燥机

Externally Heated Purge Desiccant compressed Air Dryer

工况条件与技术指标 / Working Condition and Technical Parameters

- 再生气量(Purge air): $\leq 4 \sim 6\%$
- 工作压力(Working pressure): $0.4 \sim 1.0\text{Mpa}$
- 进气含油量(Inlet oil content): $\leq 0.01\text{ppm}$
- 压力露点(Pressure dew point): $-20^{\circ}\text{C} \sim -70^{\circ}\text{C}$
- 电源 (Power): 380V 50HZ
- 干燥剂(Desiccant): 活性氧化铝(Activated aluminum)或(or)分子筛(Molecular sieze)
- 工作周期(Working periods): $T=60 \sim 180\text{分钟(Minutes)}$
- 进气温度(Inlet temperature): $0^{\circ}\text{C} \sim 45^{\circ}\text{C}$

型号规格与性能参数 / Model, Size & Technical Parameters

型号 Model 项目 / Item	空气处理量 Capacity (Nm ³ /min)	加热器功率 Heater power (kw)	空气接管口径 Air connection	外形尺寸 Dimension(mm)			重量 Weight (kg)
				长 (L)	宽 (W)	高 (H)	
DAD-1MXF	1.2	1.5	ZG1	800	480	1420	145
DAD-2MXF	2.4	1.5	ZG1	800	480	1520	200
DAD-3MXF	3.8	1.5	ZG1.5	1000	525	1600	330
DAD-5MXF	5.5	1.5	ZG1.5	1000	525	1890	350
DAD-6MXF	6.5	3	ZG1.5	1200	550	1950	430
DAD-8MXF	8.5	3	ZG1.5	1400	600	2000	550
DAD-10MXF	10.7	4.5	ZG2	1400	600	2090	750
DAD-13MXF	13.5	4.5	ZG2	1400	600	2140	790
DAD-15MXF	18	6	DN65	1400	650	2200	830

型号 Model 项目 / Item	空气处理量 Capacity (Nm ³ /min)	加热器功率 Heater power (kw)	空气接管口径 Air connection	外形尺寸 Dimension(mm)			重量 Weight (kg)
				长 (L)	宽 (W)	高 (H)	
DAD-20MXF	25	8	DN80	1670	725	2435	1250
DAD-30MXF	35	8	DN100	1670	725	2566	1480
DAD-40MXF	45	10	DN100	1750	775	2700	1740
DAD-50MXF	55	15	DN125	1800	775	2755	2260
DAD-60MXF	65	15	DN125	1900	800	3070	2600
DAD-80MXF	85	20	DN150	2620	1120	3073	3380
DAD-100MXF	110	30	DN150	3100	1650	3200	4390
DAD-160MXF	160	50	DN200	3240	1770	3190	5800

高(常)温风冷型冷干机

High (Normal) Inlet Temperature Air-cooling Refrigerated Air Dryer

工况条件与技术指标 / Working Condition and Technical Data

- 进气温度 (Inlet temperature): $\leq 80^{\circ}\text{C}$ (45°C)
- 冷却方式 (Cooling method): 风冷 (Air-cooling)
- 进气压力 (Inlet pressure): 0.4–1.3Mpa
- 压力损失 (Pressure drop): $\leq 0.03\text{Mpa}$
- 压力露点 (Dew point): $2\sim 10^{\circ}\text{C}$
- 制冷剂 (Refrigerant): R22

型号规格与性能参数 / Model, Size & Technical Parameters

型号 / Model	DAD-1 HTF	DAD-2 HTF	DAD-3 HTF	DAD-6 HTF	DAD-8 HTF	DAD-10 HTF	DAD-13 HTF	DAD-15 HTF	DAD-20 HTF	DAD-25 HTF	DAD-30 HTF	DAD-40 HTF	DAD-50 HTF	DAD-60 HTF	
空气处理量 / Capacity(Nm ³ /min)	1.2	2.4	3.8	6.5	8.5	10.7	13.5	18	23	28	33	45	55	65	
电源 / Voltage(V/Hz)	220/50	220/50	220/50	220/50	220/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	
压缩机 (总) 功率 / Compressor Power(HP/KW)	1/0.85	1/0.85	1.25/1.25	1.5/1.5	2.5/1.8	3/2.5	3/2.5	3.6/3	5.0/4.0	6.0/4.5	7.5/6.5	10.5/8.8	12/10.2	15/13	
风扇功率 / Fan Power(W)	90	90	140	180	180	2×140	2×140	2×140	2×180	2×220	6(3)×180	6(3)×250	6(3)×400	6(3)×400	
空气接管口径 / Air Connection	ZG1	ZG1	ZG1.5	ZG1.5	ZG1.5	ZG2	ZG2	DN65	DN80	DN80	DN100	DN125	DN125	DN125	
设备重量 / Weight(Kg)	50	80	90	150	160	240	260	310	400	450	780	820	900	1100	
外形尺寸 Dimension	长 / L(mm)	630	700	850	940	940	1245	1180	1470	1470	1650	1840	2000	2200	2550
	宽 / W(mm)	450	450	500	610	610	730	670	810	810	750	850	1100	950	1100
	高 / H(mm)	650	830	900	1060	1060	1105	1080	1210	1210	1290	1640	1610	1645	1960



压缩空气过滤器 / Precision Compressed Air Filter

产品特点

- 活塞型过滤器芯与壳体密封, 防止未过滤的气体绕过过滤器
- 防腐蚀滤芯, 不锈钢芯以增强结构性能、气流阻力低、采用缝焊以提高强度
- 新型“矩阵混合纤维”介质, 有效表面积大, 改进滤除率, 确保高效率; 开放区大, 尽量减少压降
- 涂膜封闭式泡沫套筒, 抗油类和酸类的化学腐蚀; 防止聚结液体重新混入气流, 确保高效滤除
- 防化学腐蚀的端盖用特制粘剂粘接到介质上
- 不含硅树脂
- 可承受 66°C 高温

Product Features

- Piston type elements to housing seal keeps unfiltered air from bypassing element
- Corrosion resistant filter elements, stainless steel for strengthen structural behavior, low air flow resistance and seam welding for improving strength.
- New “matrix blended fiber” media, with large effective surface area, can improve filtering rate and make sure the high efficiency, big open area and minimize pressure drop.
- Coated, closed cell foam sleeve: Resists chemical attacks from oils and acids Ensure high efficiencies by preventing re-entrance of coalesced liquids
- Chemically resistant end caps bound to media with specially formulated adhesive
- Silicone free
- Withstands temperatures to 66°C

型号规格与性能参数 / Model, Size & Technical Data

型号 / Model	空气流量 Capacity(Nm ³ /min)	空气接管 口径 Air Connection	外形尺寸 / Dimension(mm)			重量 Net weight(kg)
			长 / L	直径 / Diameter	高 / H	
C、T、A、AA、H-001	1.2	ZG1	105	76	250	2
C、T、A、AA、H-002	2.4	ZG1	105	78	310	3
C、T、A、AA、H-003	3.8	ZG1.5	137	99	400	4
C、T、A、AA、H-006	6.5	ZG1.5	137	99	425	5
C、T、A、AA、H-010	10.7	ZG2	137	99	620	5
C、T、A、AA、H-010	10.7	DN50	310	133	860	25
C、T、A、AA、H-013	14	ZG2	135	108	750	10
C、T、A、AA、H-013	14	DN50	310	133	860	25
C、T、A、AA、H-015	18	ZG2.5	148	125	920	13
C、T、A、AA、H-015	18	DN65	310	133	860	25
C、T、A、AA、H-020	22	ZG2.5	148	125	920	14
C、T、A、AA、H-020	22	DN80	379	159	1040	44
C、T、A、AA、H-030	35	DN100	465	219	1060	65
C、T、A、AA、H-040	45	DN125	470	219	1060	68
C、T、A、AA、H-050	54	DN125	513	273	1215	96
C、T、A、AA、H-060	60	DN125	513	273	1215	96
C、T、A、AA、H-080	88	DN150	615	325	1395	140
C、T、A、AA、H-110	110	DN150	615	416	1395	145





压缩空气高效除油器

High-Performance Oil Remover

工况条件与技术指标 / Working Condition and Technical Parameters

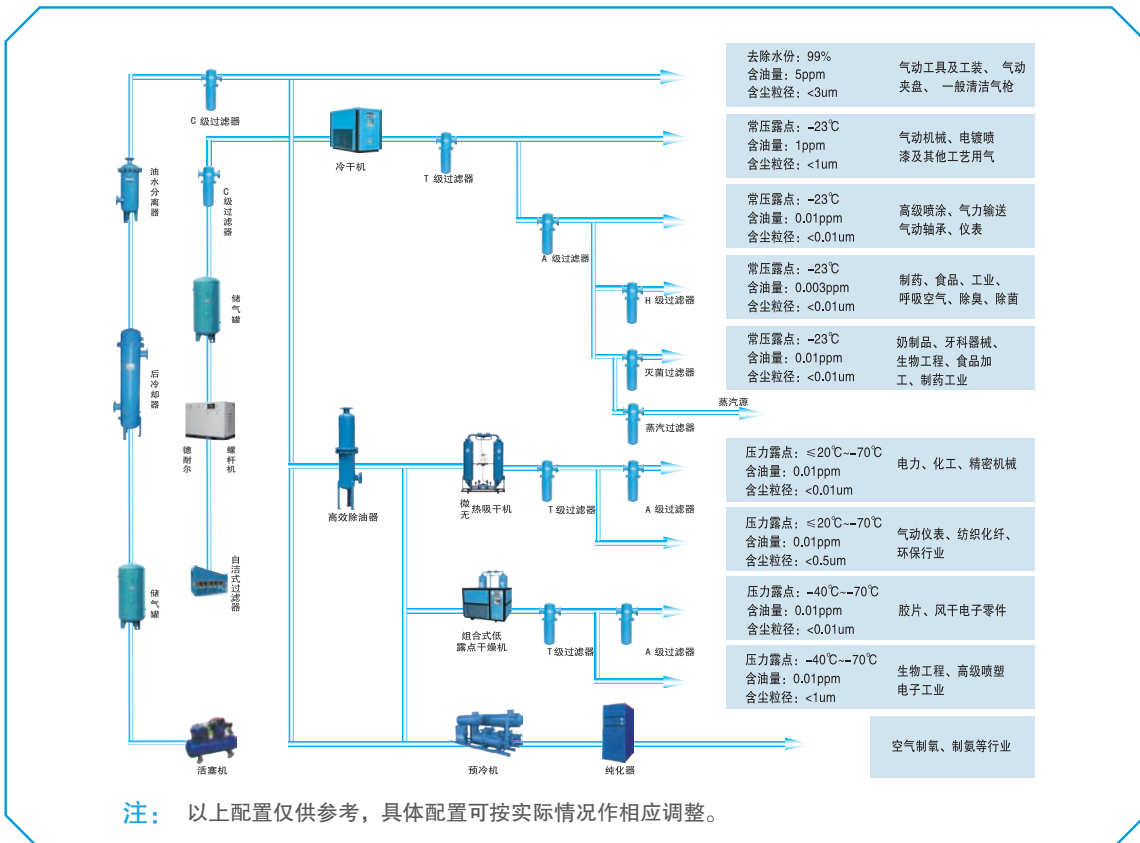
- 进气压力(Inlet pressure): 0.2 ~ 1.0Mpa
- 进气温度(Inlet temperature): ≤5℃ ~ 80℃
- 初始压降(Initial pressure drop): ≤0.005Mpa
- 过滤孔径(Filter route): 5μm
- 除水率(Water removal rate): ≥99%
- 出口气体含油量(Outlet air oil content): ≤0.01ppm

型号规格与性能参数 / Model, Size & Technical Parameters

型号 / Model		SFU-1	SFU-2	SFU-3	SFU-6	SFU-10	SFU-13	SFU-15	SFU-20	SFU-30	SFU-40	SFU-60
项目 / Item												
空气处理量 / Capacity (Nm ³ /min)		1.2	2.4	3.8	6.5	10.7	13.5	17	23	33	45	65
空气接管口径 / Air connection		ZG1	ZG1	ZG1.5	ZG1.5	ZG2	ZG2	DN65	DN80	DN100	DN125	DN125
设备重量 / Weight(Kg)		24	27	30	35	65	75	90	105	136	150	182
外形尺寸 Dimension	直径 / Dia.(mm)	133	133	133	133	159	159	159	159	273	325	412
	高 / H(mm)	845	845	845	1030	1265	1139	1139	1630	1846	1990	2242

压缩空气净化成套设备配置图

Flowchart Configuration of Compress Air Purifying System



控制功能选配

Control

远程控制功能（可选项）

电脑网络监控系统中计算机为主机，空压机控制器为从机。计算机轮流查询各空压机的运行数据。分析计算得到空压机当前供气压力、排气温度、各相电流及空压机当前运行状态，将分析的结果显示到相应栏。用户可根据显示数据远程发送相应的控制命令给空压机控制器，从而实现了空压机运行的远程控制。用户还可以利用系统提供的从机参数查看、设置界面，可非常方便的查阅及修改各从运行参数。

Remote control function (optional)

During the network of computer monitoring, the computer is the main engine set and the running controller of air compressors is the subordinate engine set. The computer checks the running parameters of each air compressor in turns. After the analysis and calculation, it gets the working pressure, discharge temperature, current of each phase and the running status of air compressors, and then indicates the result for reference. According to the data, users can send the controlling order to the air compressor controller. That realizes the remote monitoring for running air compressors. Users can conveniently check and set the parameters of air compressors by the interface.

多机联合控制功能（可选项）

可在智能控制器中设置此功能，并可实行多机联合控制，根据用量及压力循环使用各台机组，确保平均的运行时间。

Multi-joint control function (optional)

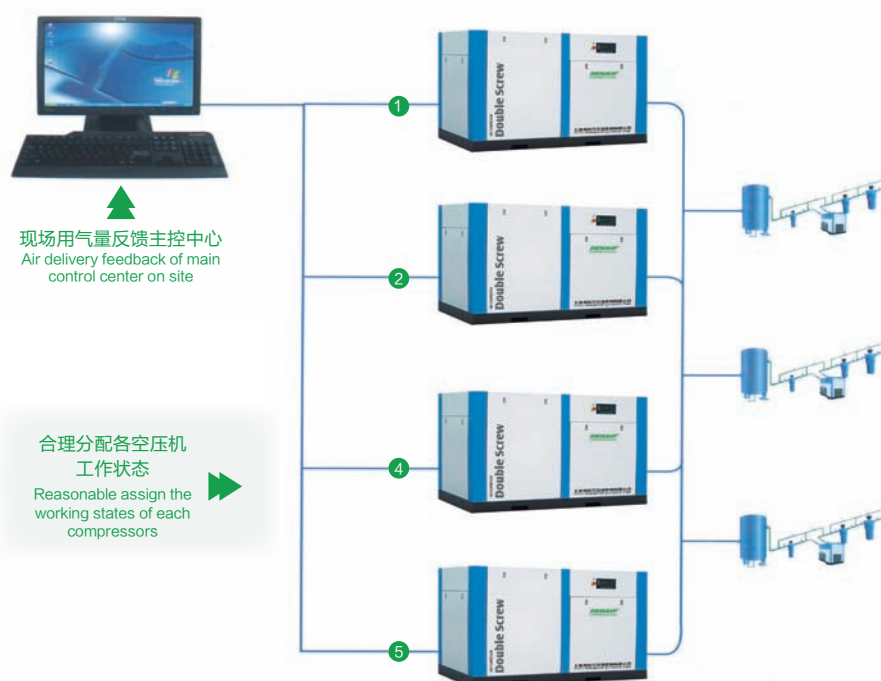
Users can set this function in the intelligent controller to realize the multi-joint function. He also can use the team of air compressors circularly according to the air delivery and pressure to ensure the average running time.

通讯功能（可选择性）

可在智能控制器中设置此功能，并可实现将本智能控制器的参数通过RS485向中控PC传送，实现16台机同时集中监控，极大的节约了管理成本及便于操作人员的远程控制。

Communication function (optional)

Users can set the communication function in the intelligent controller, then transmit the parameters in it by RS485 to PC center controller to realize the centralized control of 16 sets compressors simultaneously, which saves management cost largely and is convenient for remote control of operator.





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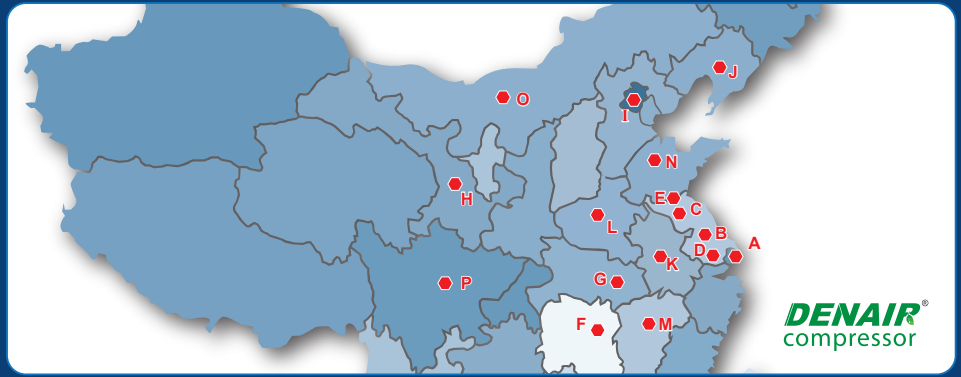
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