



Zhejiang Boyang Compressor

Company Introduction



Founded in 2001, Zhejiang Boyang Compressor is a technology and engineering company providing innovative solutions for customers in HVAC field. With nearly 300 employees, Boyang is a national high-tech enterprise, also being a state research center, specializing in R&D, manufacturing the hermetic rotary compressors and condensing units. Equipped with efficient and flexible workshop, testing equipment and R&D center, Boyang has the production ability of 1,000,000 pieces of compressors and 250,000 sets of condensing units per year.

Boyang is one of the drafter of the National Standardization Technical Committee for refrigeration compressors, and has been participating in drafting of the China National Industrial Standard for rotary compressors for several times. With scientific and continuous management, Boyang has obtained certificates like ISO9001, ISO14001, IATF16949, CCC, CE, UL, RoHS, REACH etc.

Boyang has abundant know-hows on the technical and operational, coupled with good quality management and continuous technology innovation, make Boyang a great choice for customers all over the world.



Compressor factory

Established in 2001, Covers an area of 33,000 square meters, contains the office/R&D center/motor assembly line/ pump assembly line/ compressor final assembly line /automatic electrophoretic line and ware houses.



2nd site: condensing unit factory

Established in 2018, the 2nd site covers an area of 66,000 square meters, dedicated to designing and manufacturing various condensing units. With modern standard workshop, advanced intelligent equipment and mature production technology, the factory has the production ability of 250,000 sets of CDUs per year.

CDU covers indoor and outdoor condensing units, fixed speed and inverter series, been widely used in commercial refrigeration, mobile cold chain and liquid cooling etc.



**To be the First-rate Supplier
in the Refrigeration Field**

Cooling for Better Life

Since 2006, Boyang has accumulated rich experience and know-how in compressor designing, production technique and quality control.

The engineering team has 15 members includes director, manager, product engineers, administrative engineers, standardize engineers, prototype technicians.

Now Boyang is a national high-tech company, a state nominated research center, and has taken part in drafting the rotary compressor national standard for several times.



Here shows Boyang took part in the drafting the national standard of refrigeration rotary compressor (liquid injection type)



ICS 97.040.30
分类号: Y 61
备案号: 00094-2017

QB

中华人民共和国轻工行业标准

QB/T 5203—2017

冷冻冷藏用喷液旋转式压缩机

Rotary compressor with liquid refrigerant injection
for refrigeration appliance

2017-11-07 发布

2018-04-01 实施

中华人民共和国工业和信息化部 发布

High flexibility and extreme strict quality control are the key features of Boyang production system.



Electrophoretic coating automatic line



Final assembly line

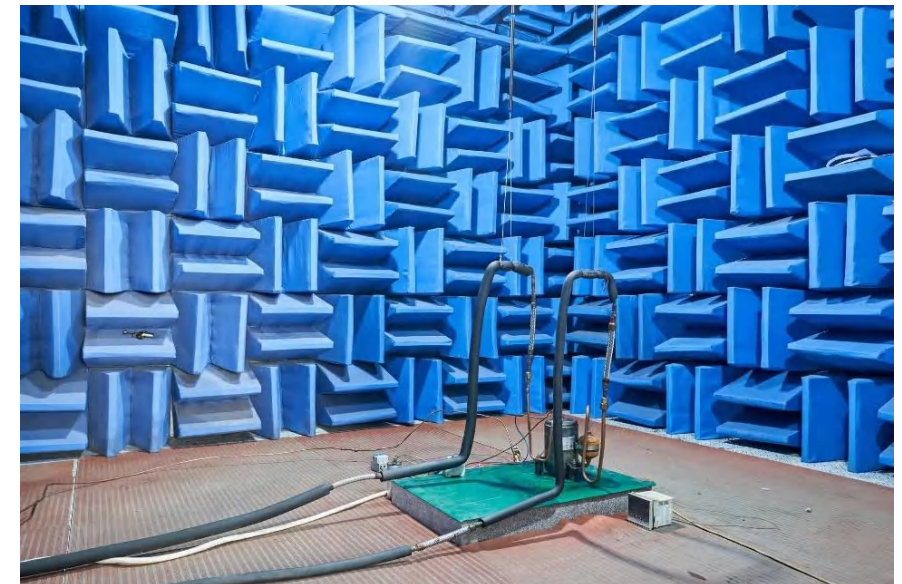
Boyang testing center is fully equipped with compressor capacity test centers, accelerated life test machines, vibration test platform, NVH test room, humidity test platform, electrical strength test machine, dc driver test machine.



Cooling capacity test center



Life accelerated test units



NVH room



BOYANG COMPRESSOR APPLICATION
SINCE 2006



Air conditioning
of ship



Commercial
refrigeration



Construction machinery
air conditioning



Mobile
cold chain



Truck
air conditioner



RV/Caravan
air conditioning



Horizontal
ceiling-mounted system

KHSD203KS

Commercial Freezer&Chiller Compressor

STABLE QUALITY AND HIGH COP



Panasonic
ideas for life

Haier 

AUCMA
澳柯玛

XINGX 

Mobile refrigeration



KFSA138K

Ceiling Mounted Horizontal Compressor

COMPACT SIZE AND LOW VIBRATION



[Home](#) > [Compressor Application](#) > [Truck parking air conditioner](#)

Truck parking air conditioner



QHC-13K

Compressor for RV Caravan Motorhome

MARKET LEADING SUPPLIER

 VIEW MORE

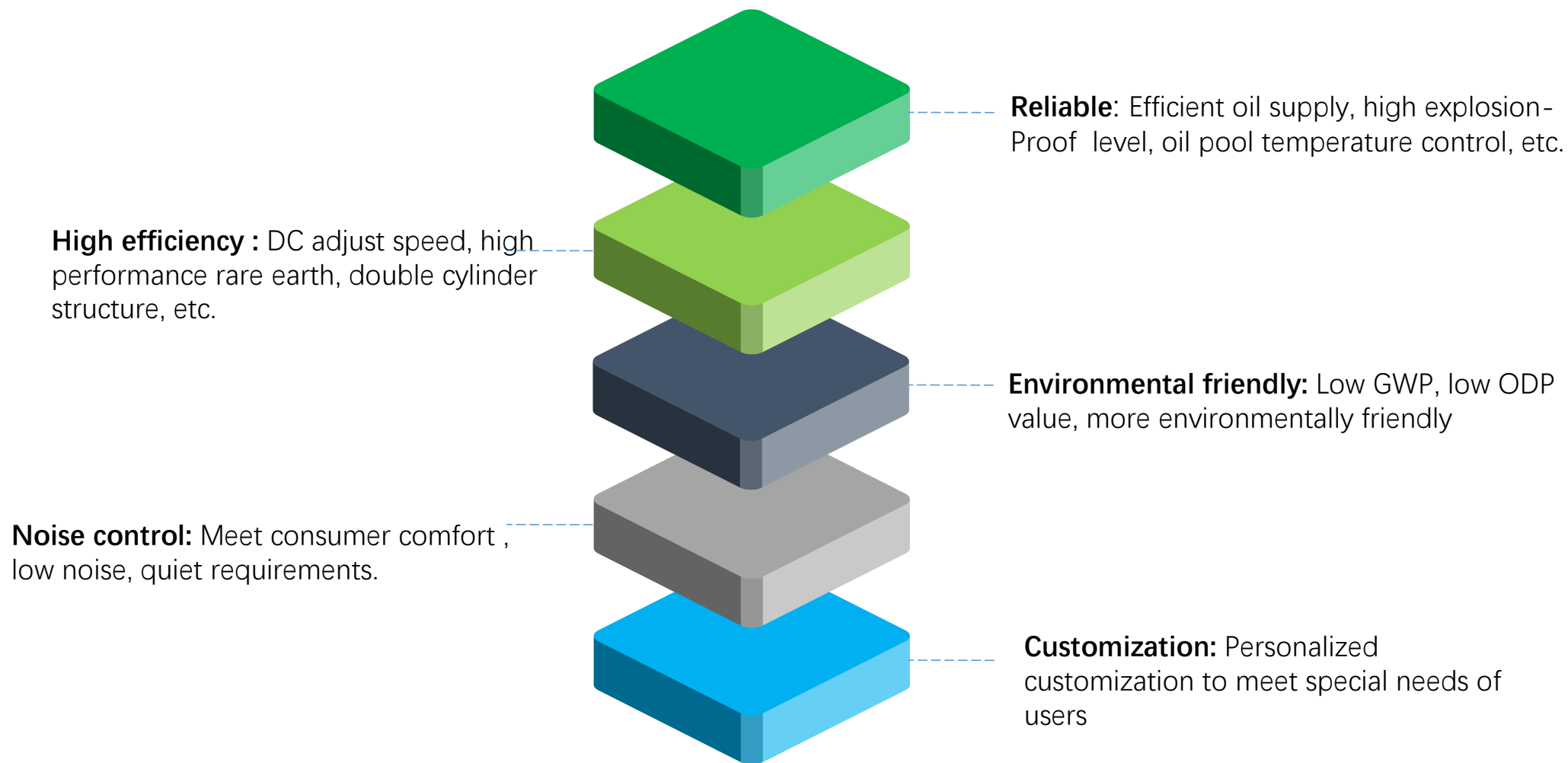


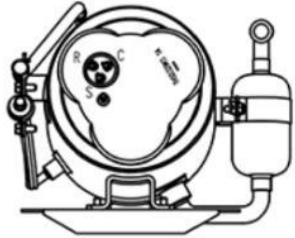
 **DOMETIC**

 **truma**

 **Eberspächer**

 **HOUGHTON**





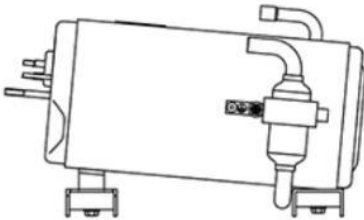
CUSTOMIZED

Customization service to fulfill the market needs.



RELIABLE QUALITY

quality control being applied from product design to production.



DESIGN CAPACITY

Mature Horizontal Design & Compact Size



BETTER PERFORMANCE

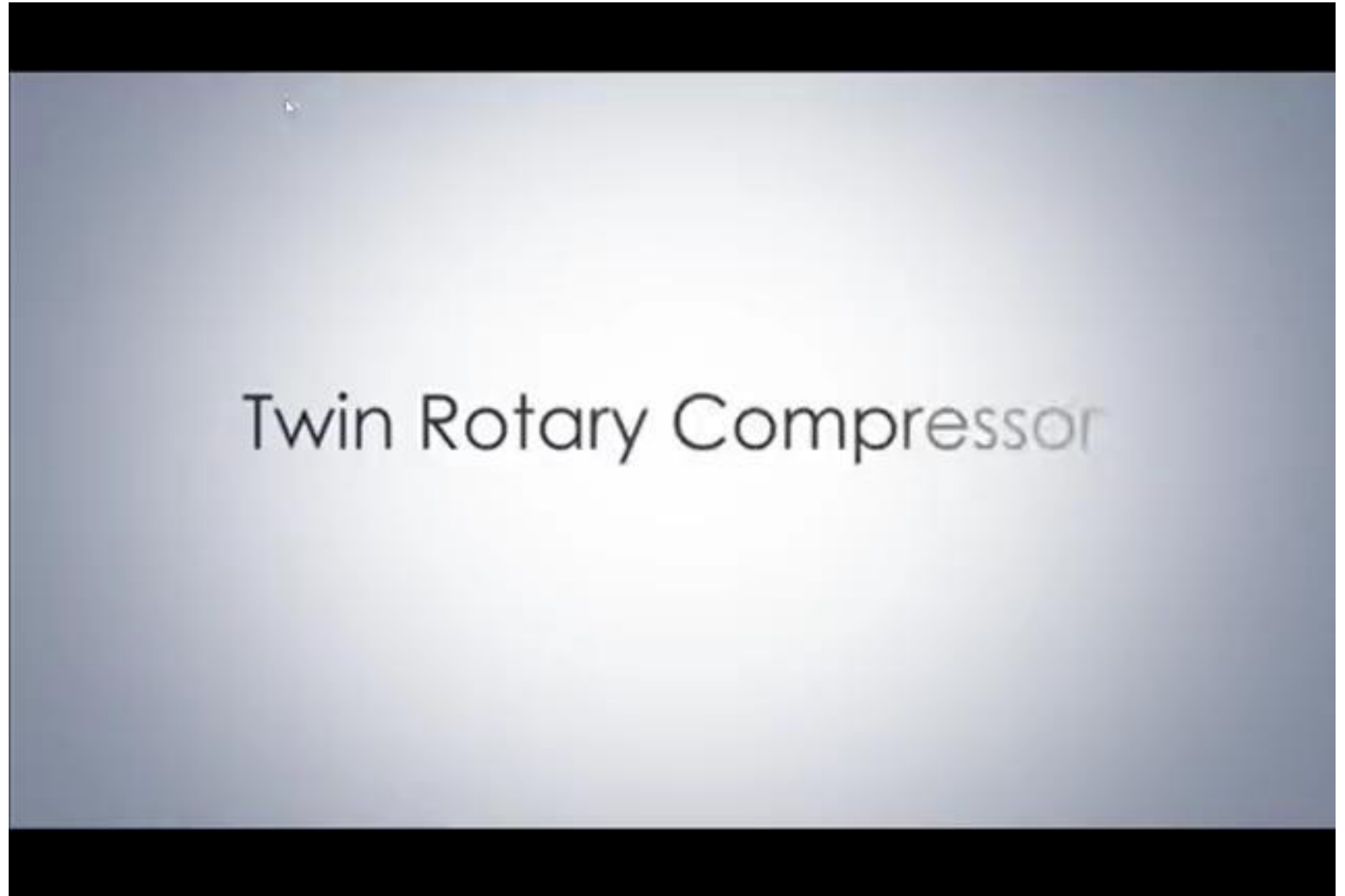
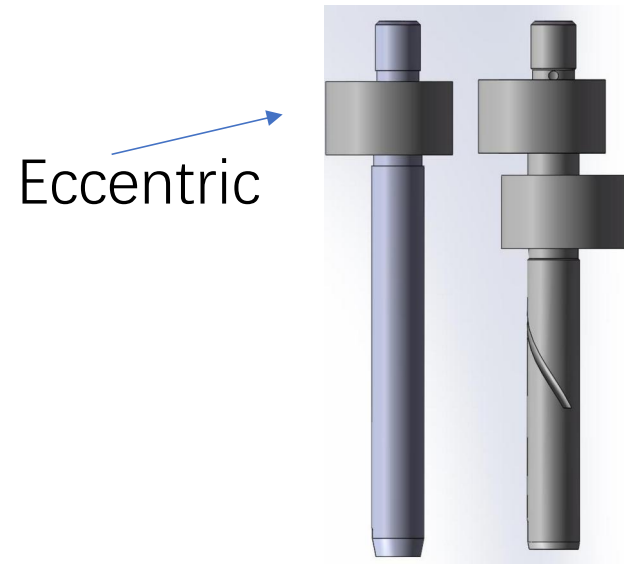
Dual cylinder series provides better performance.



Why Twin Cylinder? - Technical Aspect

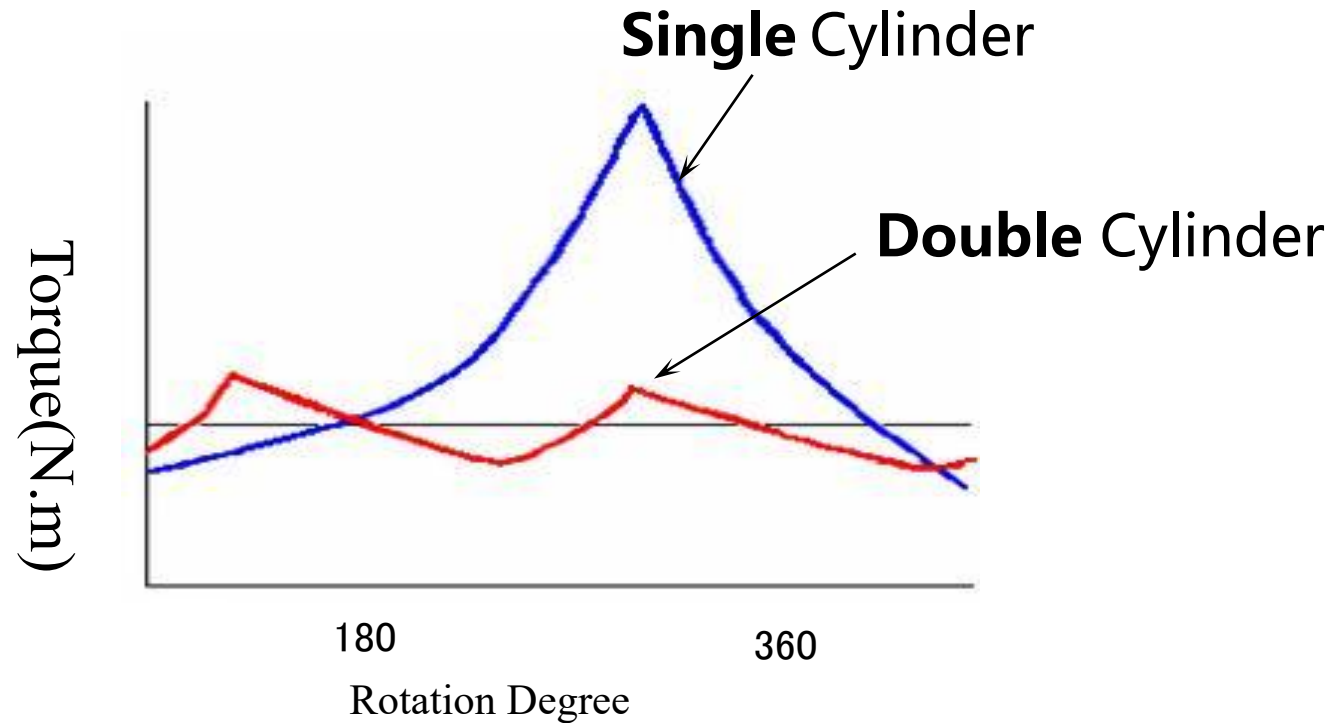
For single cylinder, there is one eccentric on crankshaft, so the center of balance is not on the center of the crankshaft axis, it would generate big vibration when rotating.

For twin cylinder, two eccentric are placed in two direction(180°) , much more balanced.



Why Twin Cylinder? - Technical Aspect

Small torque ripple and low vibration



Twin cylinder compressors have a stable performance, especially obvious in low rotating speed. So it can perfectly fulfill the requirement of noise and vibration control for roof-mounted A/C.

Boyard business in worldwide



