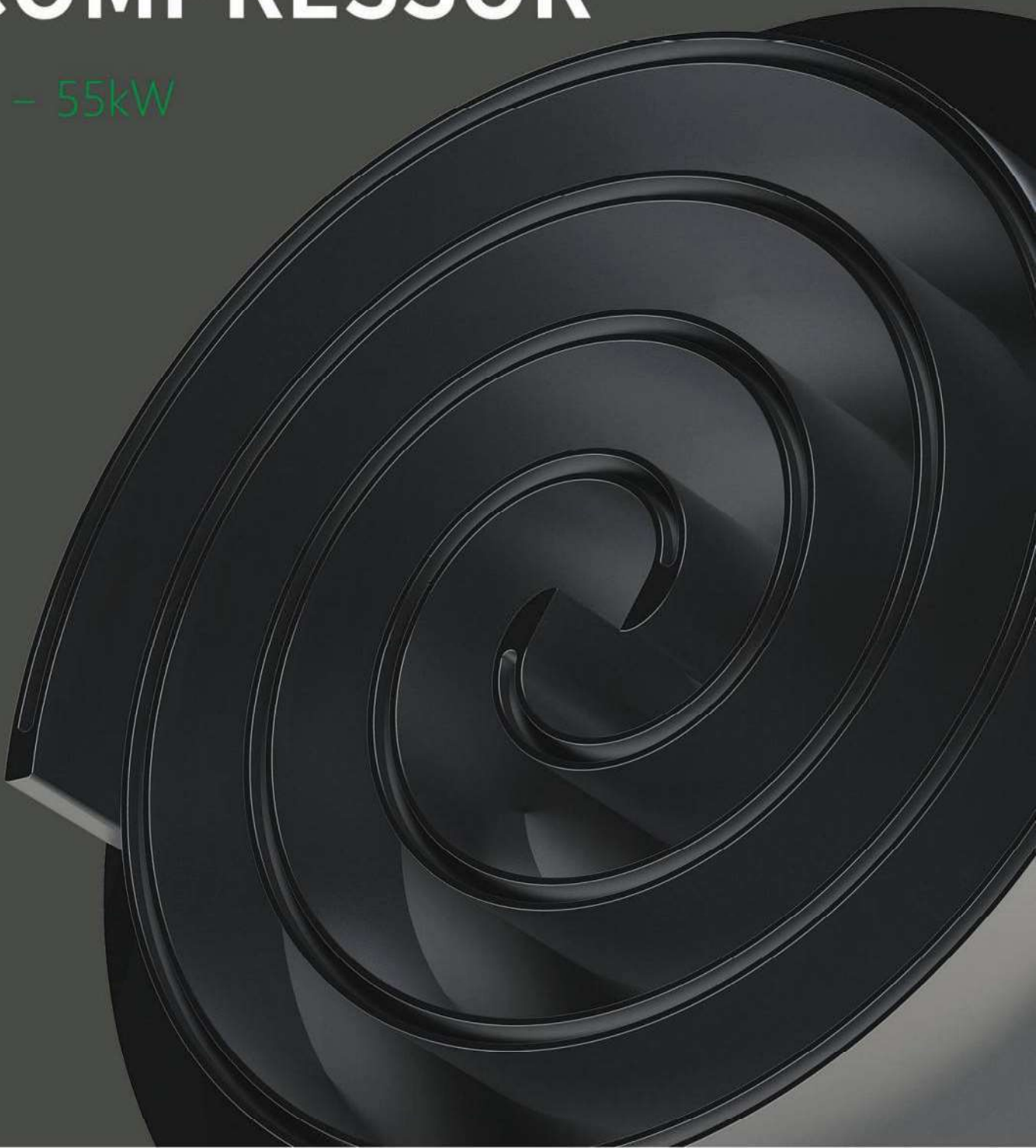


**OIL FREE SCROLL
COMPRESSOR**



OIL FREE SCROLL AIR COMPRESSOR

1.5 – 55kW



APPLICATION AREAS



Oil free scroll application market in future will be wider and wider



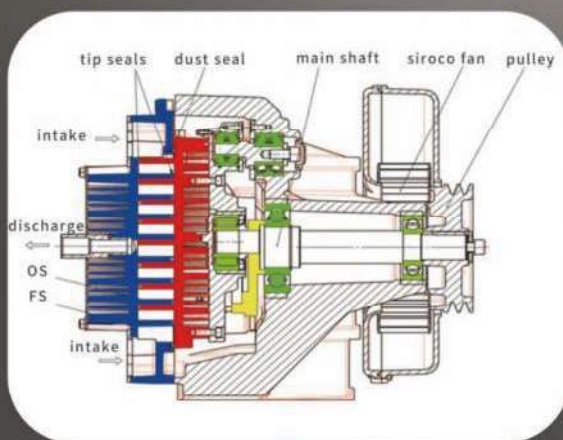
SCHEMATIC DIAGRAM OF SCROLL COMPRESSION

WORKING PRINCIPLE

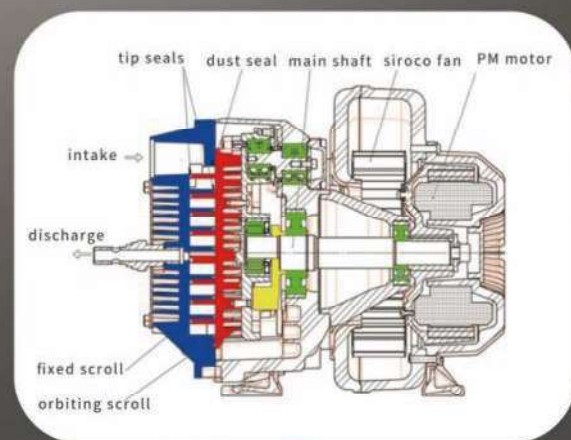
1. The orbiting scroll rotates in the order shown in Figure 1-2-3-4;
2. The volume of crescent shaped compression chamber gradually decreases;
3. The air is compressed and discharged from air outlet at the center of the fixed scroll plant;
4. The air is recirculated and compressed.



STRUCTURE DIAGRAM OF SCROLL COMPRESSOR



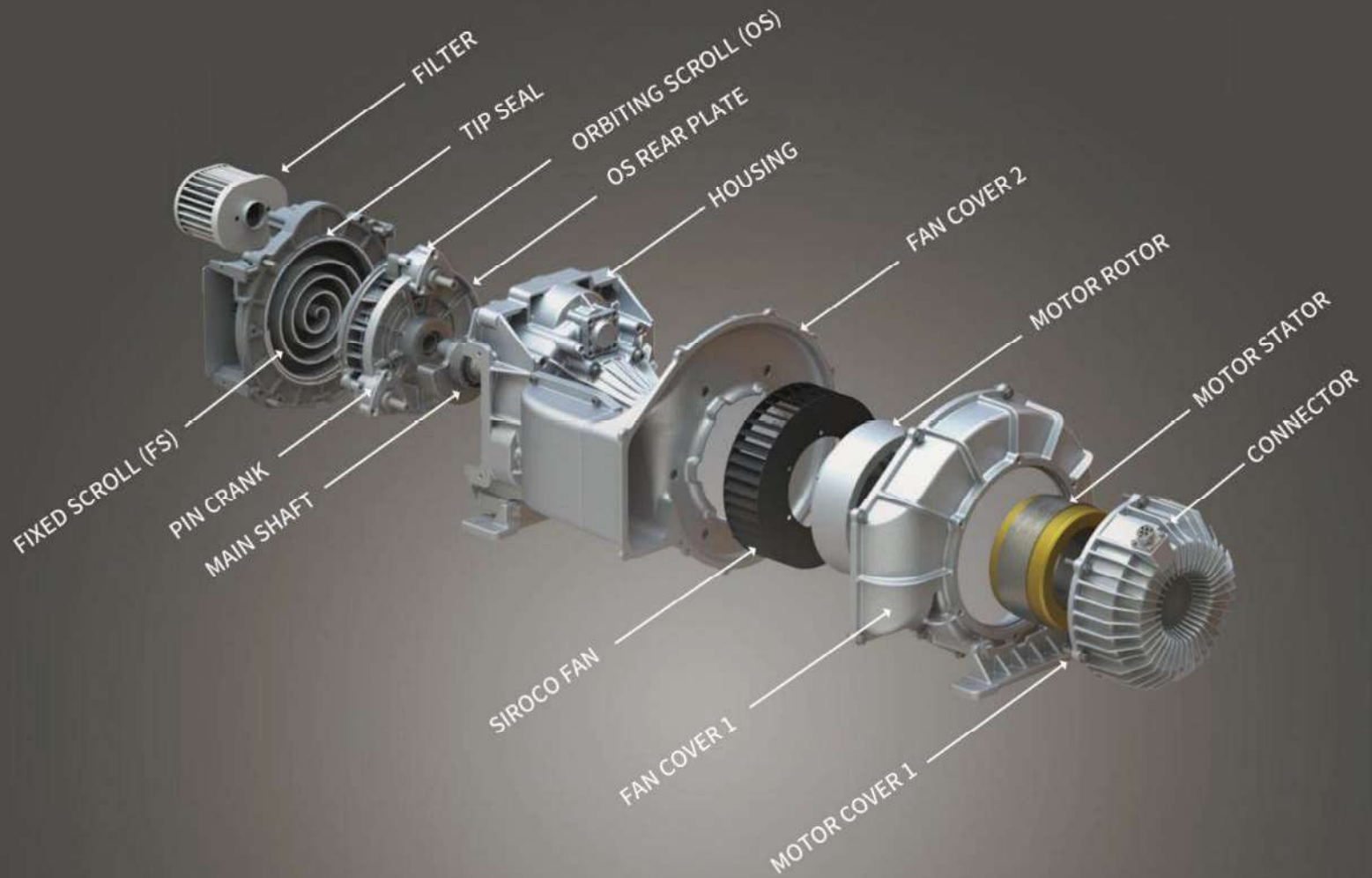
T Series Belt Compressor



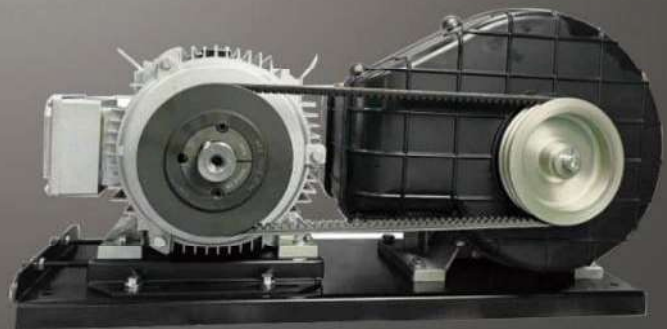
ZP Series PM Motor Compressor

ADVANCED TECHNOLOGY

ACHIEVE HIGH QUALITY CLEAN AIR



ZY Power Frequency Air End Series



TY Belt Air End Series

» » »

With more than 20 years of technical accumulation, our advanced technical team has successfully developed a new compressor with the motor, which can run steadily and continuously over 24 hours.

OIL FREE SCROLL AIR COMPRESSOR

USED IN OXYGEN PRODUCTION SYSTEM

Insist on innovation, focus on integrity ,international standard , ingenuity manufacturing



Y09ZP



Y09ZP



Y09ZY

PERFORMANCE PARAMETER TABLE

| MODEL NO. | Y09ZP/Y09ZY |
|------------------------|------------------------|
| CAPACITY (L/min) | 250 |
| PRESSURE (bar) | 2.0 |
| RATED SPEED (rpm) | 1450 |
| RATED POWER (W) | 1200 |
| RATED VOLTAGE (V) | AC 220 |
| AIR INTAKE DIMENSION | G3/4 |
| AIR OUTLET DIMENSION | G1/2 |
| NOISE dB(A) | ≤55 |
| WORKING MEDIUM | air |
| WORKING CONDITION (°C) | -20°C-50°C |
| COOLING WAY | AC 220V AXIAL FLOW FAN |
| OUTER DIMENSION (mm) | 350*243*243 |
| WEIGHT (kg) | 12 |

Note: The ZP motor of this model is permanent magnet synchronous motor, and the ZY motor is power frequency motor. **The above motors can be customized with 48 volts DC.**



TO ACHIEVE LOW VIBRATION, LOW NOISE AND HIGH EFFICIENCY BY OPTIMIZING THE DESIGN OF SCROLL AIR COMPRESSOR BOX



ULTRA QUIET SCROLL POWER FREQUENCY BELT COMPRESSOR (WITH AIR RECEIVER TANK)

| MODEL NO. | POWER kW/HP | PRESSURE MPa | CAPACITY m ³ /min | AIR OUTLET | AIR RECEIVER TANK L | OUTER DIMENSION (L*W*H) mm | WEIGHT Kg | NOISE dB(A) |
|-------------|-------------|--------------|------------------------------|-----------------------|---------------------|----------------------------|-----------|-------------|
| B03T-Y22-8N | 2.2/3 | 0.8 | 0.24 | G1/2 FEMALE THREAD | 18 | 710*670*920 | 110 | 63 |
| B02T-Y30-8N | 3.0/4 | | 0.3 | | | | 120 | |
| B05T-Y37-8N | 3.7/5 | | 0.4 | | | | 130 | |

OIL FREE SCROLL BELT COMPRESSOR AIR END



Y03T



Y02T



Y04T



Y05T



Y06T



Y07T



OIL FREE SCROLL PERMANENT MAGNET COMPRESSOR AIR END



Y03ZP



Y02ZP



Y04ZP



Y05ZP



Y06ZP



Y07ZP

TECHNICAL PARAMETER TABLE OF AIR END SERIES

| MODEL NO. | RATED POWER kW(HP) | RATED SPEED rpm | PRESSURE MPa | CAPACITY L/min | AIR OUTLET B | DIMENSION (L*W*H) mm | WEIGHT Kg |
|--|--------------------|-----------------|--------------|----------------|--------------|----------------------|-----------|
| T SERIES (BELT POWER FREQUENCY AIR END) | | | | | | | |
| Y02T | 3.0/4 | 3000 | 0.8 | 300 | Rp3/8 | 408*330*292 | 16 |
| Y03T | 2.2/3 | 3000 | 0.8 | 240 | Rp3/8 | 414*325*293 | 15 |
| Y04T | 3.0/4 | 3000 | 0.4 | 440 | Rp3/8 | 345*289*263 | 16 |
| Y05T | 3.7/5 | 3000 | 0.8 | 400 | Rp3/8 | 446*341*311 | 23 |
| Y06T | 5.5/7.5 | 3000 | 0.8 | 600 | Rp3/8 | 445*406*354 | 29 |
| Y07T | 5.5/7.5 | 2800 | 0.4 | 1000 | Rp3/4 | 434*406*365 | 30 |

| | | | | | | | |
|---|---------|------|-----|------|-------|-------------|----|
| ZP SERIES (PM SYNCHRONOUS MOTOR AIR END) | | | | | | | |
| Y02ZP | 3.0/4 | 3000 | 0.8 | 300 | Rp3/8 | 449*325*292 | 25 |
| Y03ZP | 2.2/3 | 3000 | 0.8 | 240 | Rp3/8 | 434*325*287 | 22 |
| Y04ZP | 3.0/4 | 3000 | 0.4 | 440 | Rp3/8 | 345*289*263 | 25 |
| Y05ZP | 3.7/5 | 3000 | 0.8 | 400 | Rp3/8 | 500*355*312 | 36 |
| Y06ZP | 5.5/7.5 | 3000 | 0.8 | 600 | Rp3/8 | 500*387*343 | 42 |
| Y07ZP | 5.5/7.5 | 2800 | 0.4 | 1000 | Rp3/4 | 484*389*365 | 43 |

※Remark: 1.The capacity refers to the value which at the highest pressure air discharge converts into the suction state (atmospheric pressure);

2.Please be sure that the condensate water in the pipeline will not freeze when the temperature is lower than 0 °C;

3.The dimension represents the outer size of product;

4.Pressure of 1.0MPa models are customized models .

ALL IN ONE AIR COMPRESSOR

COMBINE WITH OIL FREE SCROLL AIR END, FROZEN DRYER
AND AIR RECEIVER TANK



ALL IN ONE AIR COMPRESSOR PARAMETERS TABLE

| MODEL NO. | POWER KW/HP | VOLTAGE | CONTROL MODE | PRESSURE MPa | CAPACITY m ³ /min | OUTLET DEW POINT °C | AIR RECEIVER TANK L | AIR OUTLET B | DIMENSION (L*W*H)mm | WEIGHT kg | NOISE dB(A) |
|--------------|----------------|--------------------|---|-----------------|---------------------------------|---------------------------|---------------------------|-----------------|------------------------|--------------|----------------|
| B03Z-P22-8L | 2.2/3 | 3N 380V 50Hz | P R E S S U R E | 0.8 | 0.22 | -15 | 200 | G 3/4 | 1390*630*1445 | 235 | 62 |
| B05Z-P37-8L | 3.7/5 | | | | 0.38 | -15 | 200 | G 3/4 | 1390*630*1445 | 260 | 63 |
| B06Z-P55-8L | 5.5/7.5 | | | | 0.57 | -15 | 200 | G 3/4 | 1390*630*1445 | 280 | 65 |
| B05Z-P75-8L | 3.7*2/10 | | | | 0.76 | -15 | 300 | G 1 | 1520*710*1920 | 480 | 65 |
| B06Z-P110-8L | 5.5*2/15 | | | | 1.14 | -15 | 300 | G 1 | 1520*710*1920 | 510 | 65 |
| B03T-Y22-8L | 2.2/3 | 3N 380V 50Hz | S E N S I T I V E | 0.8 | 0.22 | -15 | 200 | G 3/4 | 1390*630*1445 | 245 | 65 |
| B05T-Y37-8L | 3.7/5 | | | | 0.38 | -15 | 200 | G 3/4 | 1390*630*1445 | 365 | 65 |
| B06T-Y55-8L | 5.5/7.5 | | | | 0.57 | -15 | 200 | G 3/4 | 1390*630*1445 | 290 | 65 |
| B05T-Y75-8L | 3.7*2/10 | | | | 0.76 | -15 | 300 | G 1 | 1520*710*1920 | 490 | 68 |
| B06T-Y110-8L | 5.5*2/15 | | | | 1.14 | -15 | 300 | G 1 | 1520*710*1920 | 530 | 68 |
| B06T-Y165-8L | 5.5*3/22.5 | | | | 1.6 | -15 | 300 | G 1 | 1520*760*2380 | 680 | 69 |

COMPACT DESIGN REDUCES FLOOR SPACE NEEDED

EQUIPPING WITH 2-10 AIR PUMPS
IN ONE AIR COMPRESSOR TO MEET VARIOUS
WORKING CONDITIONS



- ※Remark: 1.The capacity refers to the value which at the highest pressure air discharge converts into the suction state (atmospheric pressure);
- 2.Please be sure that the condensate water in the pipeline will not freeze when the temperature is lower than 0 °C;
- 3.The dimension represents the outer size of product;
- 4.Pressure of 1.0MPa models are customized models .

INTELLIGENT CONTROL BOX TYPE MACHINE

SPECIFICATION TABLE

| MODEL NO. | MOTOR POWER kW/HP | VOLTAGE | CONTROL MODE | PRESSURE MPa | CAPACITY m ³ /min | AIR OUTLET | DIMENSION (L*W*H) mm | WEIGHT kg | NOISE dB (A) |
|-------------|----------------------|--------------------|---|-----------------|---------------------------------|---------------|----------------------------|--------------|--------------------|
| B03Z-P22-8 | 2.2 /3 | 3N 380V 50Hz | P R E S S U R E S E N S I T I V E | 0.8 | 0.24 | G 1/2 | 800*560*900 | 125 | 62 |
| B03T-Y22-8 | 2.2 /3 | | | | 0.24 | G 1/2 | 800*560*900 | 103 | 63 |
| B05Z-P37-8 | 3.7 /5 | | | | 0.4 | G 1/2 | 800*560*900 | 140 | 63 |
| B05Z-P75-8 | 7.5(3.7*2)/10 | | | | 0.8 | G 1 | 1140*740*1130 | 243 | 63 |
| B05Z-P110-8 | 11(3.7*3)/15 | | | | 1.2 | G 1 | 1140*740*1500 | 355 | 64 |
| B05Z-P150-8 | 15(3.7*4)/20 | | | | 1.6 | G 1 | 1420*1010*1130 | 416 | 66 |
| B05T-Y37-8 | 3.7 /5 | | | | 0.4 | G 1/2 | 600*560*800 | 167 | 63 |
| B05T-Y75-8 | 7.5(3.7*2)/10 | | | | 0.8 | G 1 | 1180*760*1250 | 280 | 63 |
| B05T-Y110-8 | 11(3.7*3)/15 | | | | 1.2 | G 1 | 1180*760*1690 | 496 | 64 |
| B05T-Y150-8 | 15(3.7*4)/20 | | | | 1.6 | G 1 | 1500*1180*1250 | 648 | 64 |
| B05T-Y185-8 | 18.5(3.7*5)/25 | | | | 2.0 | G 1.25 | 1500*1180*1690 | 808 | 65 |
| B05T-Y220-8 | 22(3.7*6)/30 | | | | 2.4 | G 1.5 | 1500*1180*1690 | 878 | 65 |
| B05T-Y260-8 | 26(3.7*7)/35 | | | | 2.8 | G 1.5 | 1650*1550*1500 | 1041 | 65 |
| B05T-Y300-8 | 30(3.7*8)/40 | | | | 3.2 | G 1.5 | 1650*1550*1500 | 1110 | 68 |
| B05T-Y333-8 | 33(3.7*9)/45 | | | | 3.6 | G 1.5 | 1650*1550*1950 | 1200 | 68 |
| B05T-Y370-8 | 37(3.7*10)/50 | | | | 4.0 | G 1.5 | 1650*1550*1950 | 1350 | 68 |
| B06Z-P55-8 | 5.5 /7.5 | | | | 0.6 | G 1/2 | 800*560*900 | 135 | 63 |
| B06Z-P110-8 | 11(5.5*2)/15 | | | | 1.2 | G 1 | 1100*700*1130 | 258 | 64 |
| B06Z-P165-8 | 16.5(5.5*3)/22.5 | | | | 1.8 | G 1 | 1100*700*1500 | 353 | 66 |
| B06Z-P220-8 | 22(5.5*4)/30 | | | | 2.4 | G 1 | 1420*1010*1130 | 450 | 66 |
| B06Z-P275-8 | 27.5(5.5*5)/37.5 | 3.0 | G1 | 1500*1180*1700 | 860 | 67 | | | |
| B06Z-P330-8 | 33(5.5*6)/45 | 3.6 | G 1 | 1420*1010*1510 | 890 | 67 | | | |
| B06Z-P385-8 | 38.5(5.5*7)/52.5 | 4.2 | G1 | 1500*1180*2140 | 1160 | 67 | | | |
| B06Z-P440-8 | 44(5.5*8)/60 | 4.8 | G1 | 1500*1180*2140 | 1220 | 68 | | | |
| B06Z-P495-8 | 49.5(5.5*9)/67.5 | 5.4 | G1 | 1650*1550*1951 | 1250 | 68 | | | |
| B06Z-P550-8 | 55(5.5*10)/75 | 6 | G1 | 1650*1550*1951 | 1350 | 68 | | | |
| B06T-Y55-8 | 5.5/7.5 | 0.6 | G 1/2 | 680*610*930 | 151 | 63 | | | |
| B06T-Y110-8 | 11(5.5*2)/15 | 1.2 | G 1 | 1180*760*1250 | 350 | 64 | | | |
| B06T-Y165-8 | 16.5(5.5*3)/22.5 | 1.8 | G 1 | 1180*760*1690 | 556 | 64 | | | |
| B06T-Y220-8 | 22(5.5*4)/30 | 2.4 | G 1.25 | 1500*1180*1250 | 643 | 65 | | | |
| B06T-Y275-8 | 27.5(5.5*5)/37.5 | 3.0 | G 1.5 | 1500*1180*1690 | 908 | 65 | | | |
| B06T-Y330-8 | 33(5.5*6)/45 | 3.6 | G 1.5 | 1500*1180*1690 | 1008 | 66 | | | |
| B06T-Y385-8 | 38.5(5.5*7)/52.5 | 4.2 | G 1.5 | 1650*1550*1500 | 1201 | 68 | | | |
| B06T-Y440-8 | 44(5.5*8)/60 | 4.8 | G 1.5 | 1650*1550*1500 | 1413 | 68 | | | |
| B06T-Y495-8 | 49.5(5.5*9)/67.5 | 5.4 | G 1.5 | 1650*1550*1950 | 1500 | 68 | | | |
| B06T-Y550-8 | 55(5.5*10)/75 | 6.0 | G 1.5 | 1650*1550*1951 | 1613 | 68 | | | |

Remark: 1. T-Y refers to power frequency belt compressor;

2. Z-P refers to permanent magnet synchronous motor compressor;

3. 220V power frequency belt compressor and PMSM compressor both are customized models.

**SMALL AND QUIET, ECONOMICAL AND SIMPLE,
CLEAN AIR, REST ASSURED USE**



**THREE TYPES OF AIR COMPRESSOR
TO MEET VARIOUS WORKING CONDITIONS**



**POWER FREQUENCY BELT TYPE COMPRESSOR SINGLE UNIT
SPECIFICATION TABLE**

| MODEL NO. | POWER kW/HP | VOLTAGE | PRESSURE MPa | CAPACITY L/min | AIR OUTLET | DIMENSION (L*W*H) mm | WEIGHT Kg | NOISE dB (A) |
|-------------|-------------|-------------------|--------------|----------------|-----------------------|----------------------|-----------|--------------|
| B03T-Y22-8X | 2.2/3 | 220V/380V 50Hz | 0.8 | 0.24 | G1/2 FEMALE THREAD | 560*600*830 | 122 | 65 |
| B02T-Y30-8X | 3.0/4 | | | 0.3 | | | 135 | |
| B05T-Y37-8X | 3.7/5 | | | 0.4 | | | 145 | |

CLEAN AIR , HIGH ENERGY
HIGH EFFICIENCY , HIGH QUALITY



POWER FREQUENCY BELT TYPE COMPRESSOR SPECIFICATION TABLE
 (WITH AIR RECEIVER TANK)

| MODEL NO. | POWER kW/HP | VOLTAGE | PRESSURE MPa | CAPACITY L/min | AIR RECEIVER TANK L | AIR OUTLET | DIMENSION (L*W*H) mm | WEIGHT Kg | NOISE dB (A) |
|--------------|-------------|-------------------|--------------|----------------|---------------------|-----------------------|-------------------------|-----------|--------------|
| B03T-Y22-8XC | 2.2/3 | 220V/380V 50Hz | 0.8 | 0.24 | 120 | G1/2 FEMALE THREAD | 800*600*1365 (120L) | 216 | 65 |
| B02T-Y30-8XC | 3.0/4 | | | 0.3 | | | 1050*620*1530 (200L) | 220 | |
| B05T-Y37-8XC | 3.7/5 | | | 0.4 | | | | 230 | |



OIL FREE AND WATER FREE SCROLL AIR COMPRESSOR

SMALL SIZE, LIGHT WEIGHT, READY TO USE

Use stable performance polymer membrane air dryer!



PM SCROLL AIR COMPRESSOR WITH MEMBRANE DRYER

SPECIFICATION TABLE

| MODEL NO. | POWER kW/HP | VOLTAGE | CONTROL MODE | PRESSURE MPa | CAPACITY m ³ /min | AIR TANK L | AIR OUTLET | DIMENSION (L*W*H) mm | WEIGHT Kg | NOISE dB(A) | |
|---------------|-------------|-------------------|--------------------|--------------------|------------------------------|------------|--------------------------|--------------------------|-------------|-------------|----|
| 0.8MPa | | | | | | | | | | | |
| B03Z-P22-8S | 2.2/3.0 | 220V/380V 50Hz | PRESSURE SENSITIVE | 0.8 | 0.24 | 5 | G1/2 FEMALE THREAD | 680*510*830 | 120 | 62 | |
| B05Z-P40-8S | 4.0/5.5 | | | | 0.4 | | | 680*510*830 | 145 | 65 | |
| B03Z-P22-8M | 2.2/3.0 | | | | 0.21 | | | 680*510*830 | 120 | 62 | |
| B05Z-P40-8M | 4.0/5.5 | | | | 0.37 | | | 680*510*830 | 145 | 65 | |
| 1.0MPa | | | | | | | | | | | |
| B03Z-P22-10M | 2.2/3.0 | 220V/380V 50Hz | | PRESSURE SENSITIVE | 1.0 | 0.18 | 5 | G1/2 FEMALE THREAD | 680*510*830 | 120 | 62 |
| B05Z-P40-10M | 4.0/5.5 | | | | | 0.32 | | | 680*510*830 | 145 | 65 |

REMARK: S: PM SCROLL COMPRESSOR IS WITHOUT MEMBRANE DRYER

M: PM SCROLL COMPRESSOR IS WITH MEMBRANE DRYER

PERMANENT MAGNET SCROLL

QUICK AIR DISCHARGE CONSTANT RUN



PM SYNCHRONOUS SCROLL AIR COMPRESSOR (WITH AIR RECEIVER TANK)

| MODEL NO. | POWER kW/HP | VOLTAGE | CONTROL MODE | PRESSURE MPa | CAPACITY m ³ /min | AIR RECEIVER TANK L | AIR OUTLET | DIMENSION (L*W*H) mm | WEIGHT Kg | NOISE dB(A) | |
|---------------|-------------|-------------------|--------------------|--------------------|------------------------------|---------------------|--------------------|----------------------|--------------|-------------|----|
| 0.8MPa | | | | | | | | | | | |
| B03Z-P22-8SC | 2.2/3 | 220V/380V 50Hz | PRESSURE SENSITIVE | 0.8 | 0.24 | 120 | G1/2 FEMALE THREAD | 800*600*1440 | 230 | 62 | |
| B05Z-P40-8SC | 4.0/5.5 | | | | 0.4 | | | | | 65 | |
| B06Z-P55-8SC | 5.5/7.5 | | | | 0.6 | | | | | 68 | |
| 1.0MPa | | | | | | | | | | | |
| B03Z-P22-10SC | 2.2/3 | 220V/380V 50Hz | | PRESSURE SENSITIVE | 1.0 | 0.21 | 120 | G1/2 FEMALE THREAD | 800*600*1440 | 230 | 62 |
| B05Z-P40-10SC | 4.0/5.5 | | | | | 0.36 | | | | | 65 |
| B06Z-P55-10SC | 5.5/7.5 | | 0.5 | | | 68 | | | | | |



OIL FREE SCROLL VEHICLE AIR PUMP



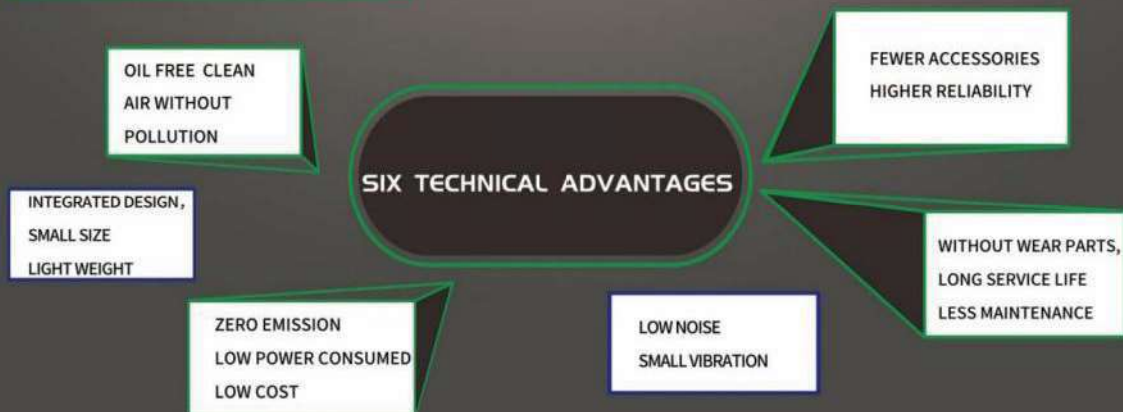
■ PRODUCT INTRODUCTION

Oil-free scroll air compressor (referred to as "vehicle air pump") is a new generation of oil-free scroll air compressor for new energy vehicles which developed and produced by ShangHai YiBang . They have the advantages of compact structure, light weight, low noise, less maintenance, high efficiency, energy saving and other outstanding technical performances. It is greatly suitable for the supply of compressed air for various types of rail vehicles and new energy vehicles, including EMUS, CRH train, subways and light-rail train and so on.

■ PRODUCT FEATURES

- No oil/carbon pollution in the air system, long service life; Pass ISO 8573-1 CLASS 0 Certification.
- Fewer consumable parts, simple structure, high reliability.
- No need to change lubrication oil and oil filter, no need to handle the waste liquid.
- The fixed and orbiting scroll will not touch when working, smaller vibration and lower noise.
- No risk of oil leakage, no need to centrally handle condensate, meet harsh environmental requirements.
- Only 1.5 hours per year is needed to carry out preventive maintenance and make sure the filter is not clogging and clean the filter.
- The life cycle cost of the oil free scroll vehicle air pump is very low.
- Good quality let it suit for 0~100% of work.

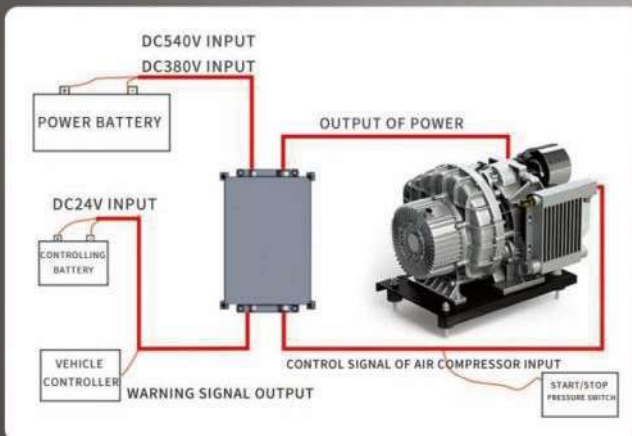
■ PRODUCT ADVANTAGE



MAIN PERFORMANCE PARAMETERS

| MODEL | Y03ZP | Y05ZP |
|----------------------------|--------------------|---------------|
| Motor type | IPMSM | IPMSM |
| Power | 2.2 | 3.7 |
| Rated voltage (V) | AC380 | AC380 |
| Rated speed(rpm) | 3000 | 3000 |
| Max pressure (MPa) | 1.2 | 1.2 |
| Capacity (L/min) | 210 (1.0MPa) | 360 (1.0MPa) |
| Motor phase number | 3 | 3 |
| Discharge temperature (°C) | ≤78 | ≤80 |
| Cooling method | Forced air cooling | |
| Working temperature range | -40~55 °C | |
| Air outlet | M22*1.5 | |
| Protection Level | IP67 | |
| Installation size (mm) | 370*210(φ13) | 370*210(φ13) |
| Dimension (mm) | 473*360*314 | 502*400*353.5 |
| Weight (kg) | 29 | 43 |

WORKING PRINCIPLE OF VEHICLE AIR PUMP



THREE ENVIRONMENTAL CHARACTERISTICS

Oil free scroll air compressor

- No need add any lubrication oil when working
- Zero emission, environment friendly
- Rotary compression structure
- continuous motion without reciprocation
- Low noise, quiet and environmental
- Low power consumed, energy saving



CLASSIC CASE OF THE AUTOMOBILE INDUSTRY

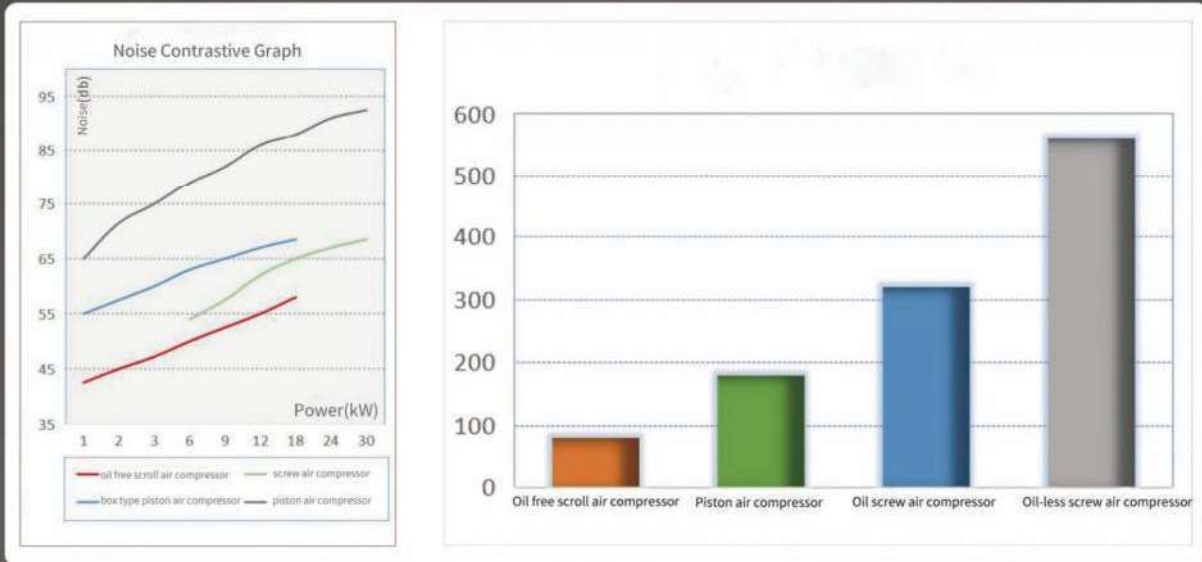
In 2016, the oil-free scroll air compressor (vehicle air pump) produced by our company has been used in batches in a variety of models of city buses, logistics vehicles, tour buses and other pure electric new energy vehicles. In the operation process, this type of air compressor has been recognized and promoted by terminal customers due to its advantages of high reliability, convenient after-sales maintenance and low cost.



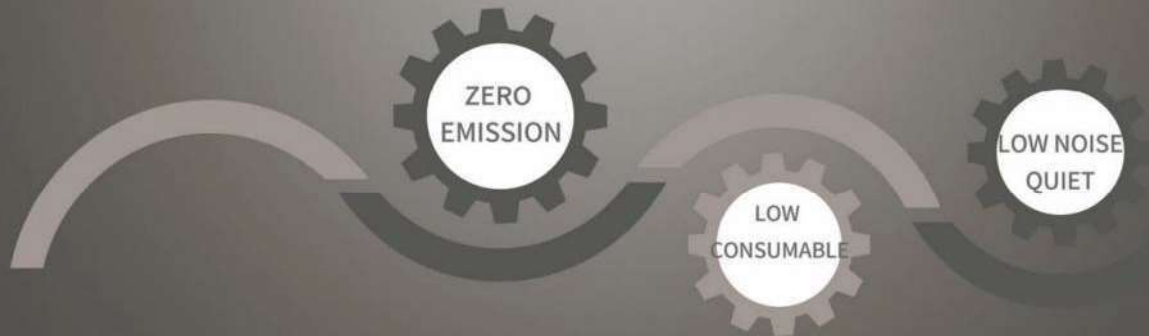
PRODUCT ADVANTAGE

Oil Free Scroll Air Compressor

1. No need to add any lubrication oil.
2. Zero emission, environmental protection.
3. Rotary compression structure continuous motion without reciprocation.
4. Low noise, quiet and environmental.
5. The continual movement of scroll compression without waste.
6. Low consumable, energy saving: only air filter and sealing element.



THREE ENVIRONMENTAL CHARACTERISTICS



SIX TECHNICAL ADVANTAGES

| | | |
|---|--|--|
| <p>COMPLETELY OIL FREE NO POLLUTION</p> | <p>FEWER ACCESSORIES HIGHER RELIABILITY</p> | <p>NO QUICK-WEAR PART LONG SERVICE LIFE LESS MAINTENANCE</p> |
| <p>LOW NOISE SMALL VIBRATION</p> | <p>ZERO EMISSION LOW CONSUMABLE LOW COST</p> | <p>MODULAR INTEGRATION SMALL SIZE LIGHT WEIGHT</p> |

SAFETY AND MAINTENANCE

SAFETY TIPS

- 1.Environment temperature: -40°C-55°C .
- 2.Relative humidity: ≤80% .
- 3.Please avoid direct sunlight.
- 4.Flammable and explosive gases and organic solvent are not allowed nearby the machine.
- 5.Please avoid places with rain, dust and floccule.
- 6.Make sure there is enough maintenance space around the air compressor.

MAINTENANCE

It is very necessary to do daily maintenance on oil free scroll air compressor. Correct operating and maintaining not only can make the air compressor meet the requirements of use, but also will extend its service life. All of our products have been tested and the functions have been verified before leaving factory. Daily maintenance should be carried out according to the below sheet.

INSPECTION AND MAINTENANCE SHEET

To prolong the service life of oil free scroll air pump, daily maintenance is very important. Please check and maintain the pump according to the below specified run time cycle.

| Project | Way | Maintenance cycle | | | | Remark |
|-----------------|---------------|-------------------|----------------|------------------|-------------------|---------------------|
| | | 2500h /1 year | 5000h /2 years | 7500 h / 3 years | 10000 h / 4 years | |
| Bearing grease | replace,add | | ● | ● | ● | buy from supplier |
| Tip seal set | replace | | ● | ● | ● | buy from supplier |
| Check valve | check,replace | ● | ● | ● | ● | replace if abnormal |
| Safety valve | check,replace | ● | ● | ● | ● | replace if abnormal |
| Siroco fan | check,replace | | ● | ● | ● | replace if abnormal |
| Exhaust tube | check,replace | ● | ● | ● | ● | replace if abnormal |
| Filter | check,replace | ● | ● | ● | ● | replace if abnormal |
| Air end | replace | | ● | ● | ● | buy from supplier |
| Rubber isolator | check,replace | | ● | ● | ● | replace if abnormal |
| Motor | replace | | ● | ● | ● | buy from supplier |

- Refers to replace the components if there is any abnormal condition during the regular inspection
- Refers to the replacement period of parts

SAFETY PRECAUTIONS

- 1.You must read the instruction manual carefully and learn how to use the air compressor correctly before using.
- 2.If there are particles ,dust ect in the exhausted air, which is non-clean compressed air.
- 3.Cut off the power supply, release the high-pressure gas and take effective measures to prevent other people to turn on the machine undesignedly before maintaining the air compressor.
- 4.Do not use flammable solvent to clean the air compressor, and do not put any inflammable and explosive dangerous goods around the air compressor.
- 5.High temperature danger, do not touch ,when the air compressor is running or just stop.