Open the door of S E

Enter energy saving & environmental protection






SE®

ISO9001:2008

ROTARY SCREW AIR COMPRESSOR

Stress difference

Create advantage

HQIP

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CORE TECHNOLOGY OF SE

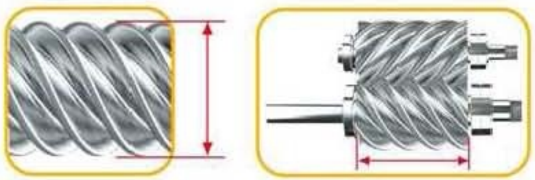
SE derives from the Double Screw Technique which is known as "the mother of shaped conductor". In the past decades, SE has cherished the lofty belief and worked hard on the development of society and human being

Reform of mesh and seal

Reform the mesh and seal of the bottom line of the double screw rotors, resolve the problem of the leakage of oil air mixture thoroughly in the course of rotor meshing, raise the volume efficiency and reduce the noise which produced when oil air mixture passing from the high pressure cavity to the low one.

Reform the shape of rotors' roots

The shape of rotor's roots are the most important factor which affects the efficiency of air-production. The best solution is to improve the shape of the male and female rotors' roots. SUCCESS ENGINE has realized the technology's historic leap with the computer circle tangent equation software. And it is the achievement which makes SUCCESS ENGINE's technology always set the pace in the market of compressor.



Reform of length : diameter ratio

Improve the length:diameter ratio of the double screw rotors. Raise the integral rigidity of rotors by shorten the distance between the two bearings. Thus, it would achieve higher volume efficiency under the higher pressure and decrease vibration greatly, reduce noise, and extend the machine's useful life.

Reform the distance between the cores of shafts

Increase the efficient sectional area of the rotors and the distance between the driving and driven shafts, then achieve highest utilization ratio of rotor's area. Remain enough space for the installation of the bearings with longer diameter. Solve the problem of bearing abrasion occurred after operation of many years.

It comes from imagination and takes its place on the world stage.

Wisdom leads technology, no being leaded by technology.

The essence of technology isn't serving the time or imitating others, but the essence of wisdom is innovation.

Since the rotors in a 5:6 lobe combination appeared on the market, they have experienced several-time optimization and improvement, and got brilliant achievements in the field of energy saving and environmental protection.

SEC pursues excellence everlastingly. Technical innovation embodies the essence of the wisdom.

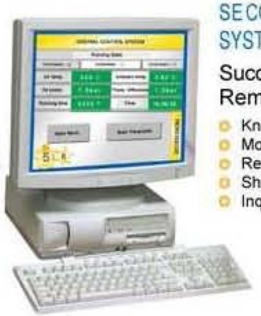
Another excellent product with newest rotors in a 6:8 lobe combination is already on the stocks and will be available in the near future.

Reliable Combination

We use the SKF compages of over-loading bearings with good durability and carrying capacity, so we can insure that our products' core components have outstanding reliability and endurance.

Open the door of SE

Enter energy saving & environmental protection era



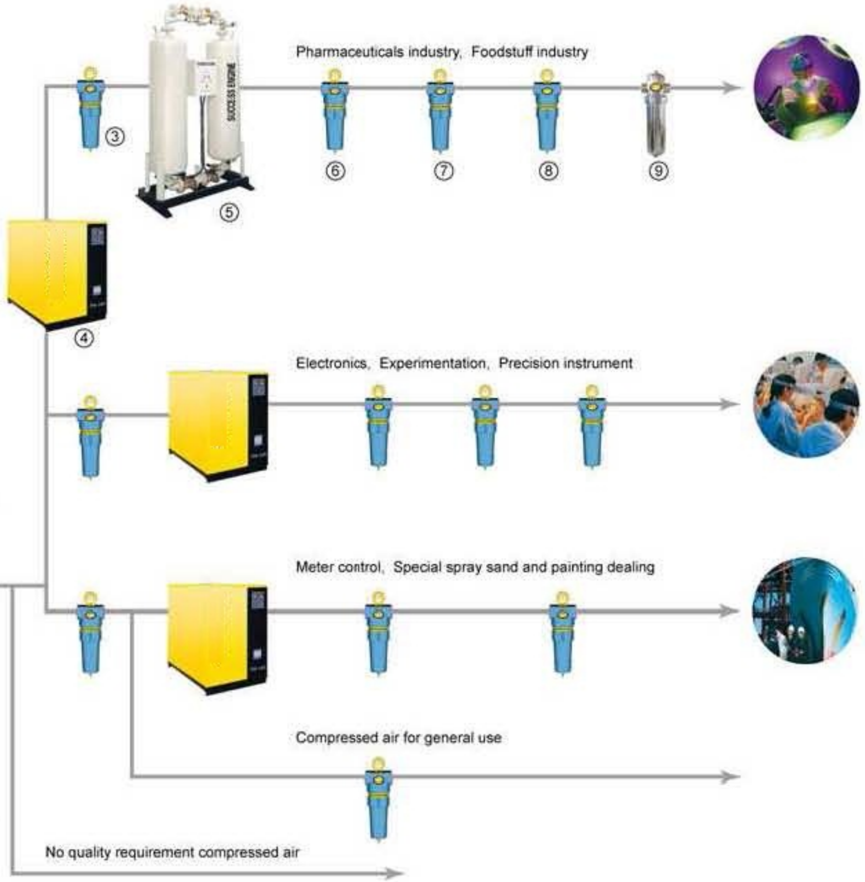
SE COMPRESSOR STATION CENTRAL CONTROL SYSTEM (SELECTIVE CONFIGURATION)

Success Engine specified English software
Remote control on the compressed air

- Know the real-time compressor function condition.
- Monitor the energy consumption and load/unload condition.
- Reset the configurations according to the requirement of air consumption.
- Show, browse all the default configurations.
- Inquire history record and display the maintenance early warning.

ALTERNATIVE OPERATION (STANDARD CONF IGURATION)

- With 485 port, no need to place the extra controller.
- Control two or more compressors easily with connecting line.
- Determine automatically to shut down the compressor or to start the stand-by compressor.
- Timing switch, make the main compressor and the vice compressor work by turns.
- Breakdown judgement and switch to the stand-bycompressor automatically.



ENGLISH PLC CONTROLLER MENU

OPERATION MODE: VISIBLE CONVENIENT(STANDARD CONFIGURATION)

- Four control modes: automatic control, manual control, linkage control and remote control.
- The display of running state: power supply, exhaust air pressure temperature and normal time.
- Automatic alarm and protection: overheating, lack of oil, overpressure, separator block, oil filter block, air filter element block, phase-sequence disorder, overload and sensors breakdown.
- Specification preset and modification: control mode, start/stop automatically, load/unload pressure, upper limit/lower limit of temperature, time delay of load, operation order of al ternate operating compressor, maintenance time and calendar/time.
- History record inquiry: load/unload running time, oil filter left time, oil-air separator left time, air filter left time, summary running time and history breakdown record.

① Screw Air Compressor
② Air Receiver
③ Pre-Air Filter
④ Refrigeration Dryer
⑤ Heatless Regeneration Dryer
⑥ After-Air Filter
⑦ Final-Air Filter
⑧ Activated Carbon-Air Filter
⑨ Sterilizing Air Filter

The latest upgraded products declare the new concept

Products entering the main market of air compressor formally.

Excellent compressor airend

Provided by the European headquarter and congregating the SE wisdom, the high performance compressor airend with ingenious design and great security, makes SE core technology always set the pace in this field.

The specially designed air-cooled system

Equipped with special-angled vane, the latest-model air-cooled compressor is combined as a close freezing system. It enlarges the distance between the freezing vane and the radiator, which sets aside some time for the wind to balance the air pressure, so the wind can pass through the radiator evenly and make the best of the area of the radiator.
Advantage analysis: the smaller cooling machine(energy saving) but better cooling effect, work normally even in the hot summer, consume less energy and reduce noise by 2-3dB(A).

The unique automatic tightener

Transcending the traditional transmission design means, our professional mechanical engineers have created the high efficient belt transmission device and realized the historic leap from manual adjustment to automatic tightening, so increase the transmission efficiency.
Advantage analysis: convenient maintenance, alternate air pressure easily, less shock to the compressor, transmission efficiency guaranteed everlastingly.

The eliminating leakage pipeline-connected design

Sealing-up connection parts: Adopt the most effective and heat-resisting connecting parts which comforms to the standard of America Auto Industry Association, decrease leak and prolong the useful life.
Pipeline parts: Both the oil pipelines and the air pipelines are made of the stainless steel, inside and outside double protection, heat-resisting, pressure-resisting, long duration and neatness. All the control pipelines are made of F46 materials, so can make the system run stably and for a long time.

Powerful shock absorbers

Add the hidden shock absorbers in the drive parts, reduce the noise produced in the running process of compressors greatly, prolong the useful life of the compressor, make the compressors run steadily and reduce noise by 3-5dB(A).

High efficiency motor

- The Output Efficiency is up to 96%
- Degree of Protection: IP55
- Service Factor: SF=1.15
- The special equipped SKF over-loading bearings
- Low noise and long useful life

High efficiency oil-air separator

The advanced oil and gas separator composed of double pleated-media fitter element and revolving, tackling and colliding crude separate oil-air tank which can obtain the best oil-air separation effect.

SE special cooling lubricant oil

Adopt MSDS special cooling oil fitting for the ISO14001 environmental management standard, heat-resisting and anti-oxidizing, better lubrication and cooling effect in the condition of high temperature difference, the guarantee of the quality of oil air separation and prolong the useful life of the conpressor.

The human-based security design

The high-speed transmission parts adopt the special designed and absolutely isolated transmission parts, protect the operator from being harmed.

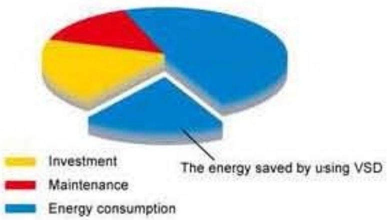
VSD (Variable Speed Drive) Technology

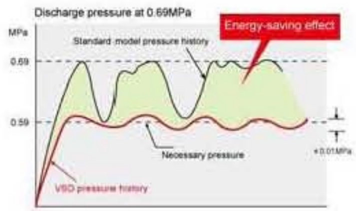
General Overview of the Energy-saving VSD

SE air compressor VSD series is a new-conception energy-saving product. By varying the speed of the drive motor in accordance to the change of air capacity required, it regulates the actual power accordingly and thus saves the energy effectively. By adopting the electronic inverter system and the technology of supplying the exact air capacity required and precise pressure controlling, VSD air compressor not only directly reduces energy consumption by 30% but also brings many other benefits, such as stabilizing the network pressure, eliminating the peak current on starting, etc. VSD compressor serves as the best choice for the modern industrial and mining enterprises to save energy.

Evaluation and Assessment of the saved energy

While electricity consumed by industrial air compressors accounts for a great part of a manufacturing facility's total electricity bill, VSD air compressors can provide valuable energy saving for manufactures. However, an accurate assessment of the varying air capacity required before settling on the investment program is indispensable to getting a good return for the investment.



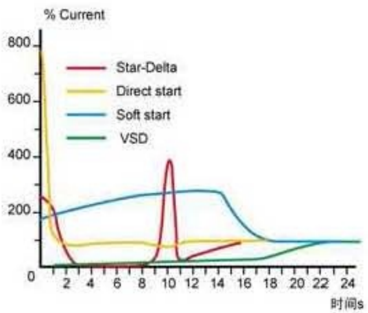


Stable Supply of Pressure

With the adoption of PID (proportional gain,integrational gain and differential gain), VSD air compressors can modulate the speed of the drive motor precisely.VSD series can also automatically track the change of the air volume, stablize the pressure in the system and in turn reduce the electricity consumption.

Avoidance of Peak Current

Regards to VSD air compressor, peak current is avoided on starting the machine,so the damage to the power network and the whole mechanism is greatly reduced and the service life of the compressor is thus prolonged.



High-efficiency Inverter

With the built-in DC reactor restraining the frequence disturbance from the inverter, the high-efficency inverter is appoved by the SE assessment group. In full compliance with the current electromagnetic compatibility standardand, the inverter ensures the best performance of air compressors.

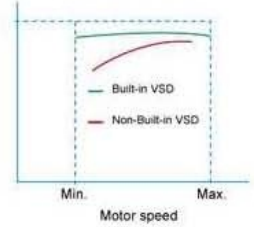
Standard/VSD Double Service

VSD series are all equipped with the standby standard starter in case the inverter breaks down. If the inverter malfunctions, the compressor can be shifted to standard operation. In this way, the impact of the failure on the production can be minimized.

Special Motor exclusively designed for the VSD Series

The inverter-fed motor specially designed for VSD compressors ensures the highest efficiency of the inverter and motor in the whole process of running.

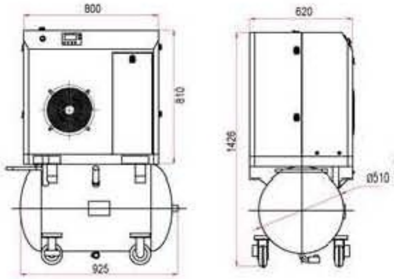
Efficiency Curve of Motor/Inverter



BELT DRIVE SERIES

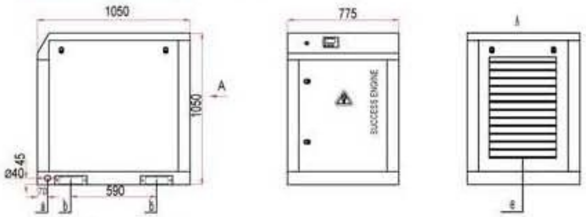
SPECIFICATIONS OF SE4-18(KW)

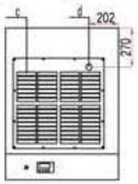
MODEL	POWER kW	PRESSURE bar	AIR FLOW m³/min	NOISE LEVEL dB(A)	OUTLET CONNECTION	WEIGHT Kg	DIMENSION L x W x H mm
SEC4A-7(8) SEC4A-10 SEC4A-13	4.0	7(8) 10 13	0.5 0.4 0.25	60	Rp 3/4	180	925x620x1426
SEC5A-7(8) SEC5A-10 SEC5A-13	5.5	7(8) 10 13	0.8 0.63 0.5	60	Rp 3/4	200	925x620x1426
SEC7A-7(8) SEC7A-10 SEC7A-13	7.5	7(8) 10 13	1.15 1.0 0.79	62	Rp 3/4	220	925x620x1426
SEC11A-7(8) SEC11A-10 SEC11A-13	11	7(8) 10 13	1.80 1.50 1.20	66	Rp 3/4	260	925x620x1426
SE15A-7(8) SE15A-10 SE15A-13	15	7(8) 10 13	2.30 2.05 1.65	66	Rp 3/4	420	775x1050x1050
SE18A-7(8) SE18A-10 SE18A-13	18.5	7(8) 10 13	3.0 2.6 2.2	66	Rp 3/4	480	775x1050x1050



SEC4A~SEC11A Outline drawing

Name	Spec.
Compressor dime.	800X620X810
Tank volume	0.16 m3
Power source	380V/3/50Hz





SE15A~SE18A Outline drawing

No.	Name	Spec.
a	Power inlet	380V/3/50Hz
b	Forklift slot	50X160
c	Hot air outlet	650X690
d	Compressed air outlet	Rp 3/4
e	Air inlet	461X700

BELT DRIVE SERIES

SPECIFICATIONS OF SE22-45(KW)

MODEL	POWER kW	PRESSURE bar	AIR FLOW m³/min	NOISE LEVEL dB(A)	OUTLET CONNECTION	WEIGHT Kg	DIMENSION L x W x H mm
SE22A-7 SE22A-8 SE22A-10 SE22A-13	22	7 8 10 13	3.8 3.6 3.2 2.8	68	Rp 1 1/4	620	860X1115X1340
SE30A-7 SE30A-8 SE30A-10 SE30A-13	30	7 8 10 13	5.2 5.0 4.5 3.7	70	Rp 1 1/4	680	860X1115X1340
SE37A-7 SE37A-8 SE37A-10 SE37A-13	37	7 8 10 13	6.8 6.6 5.8 4.8	70	Rp 1 1/2	850	1000X1300X1470
SE45A-7 SE45A-8 SE45A-10 SE45A-13	45	7 8 10 13	8.0 7.6 7.0 5.8	71	Rp 1 1/2	950	1000X1300X1470

FAD measured in accordance with ISO1217 (GB/T3853).
Outlet temperature = Ambient temperature + 8~10℃, Oil content: 1~3PPM.
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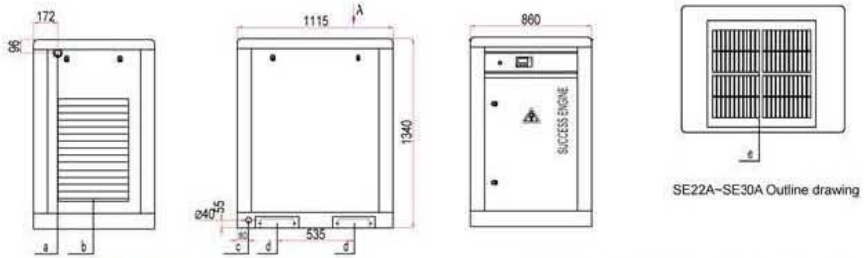
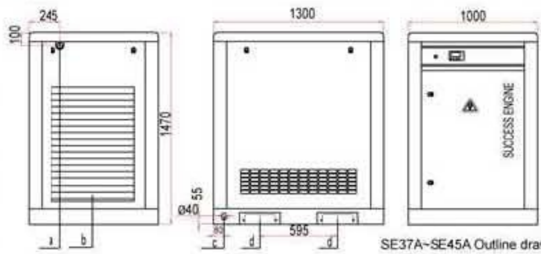
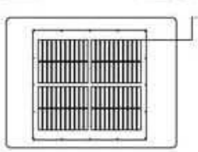


SE22A~SE30A Outline drawing





SE37A~SE45A Outline drawing

No.	Name	SE22A-30A	SE37A-45A
a	Compressed air outlet	RP 1 1/4	RP 1 1/2
b	Air inlet	500X800	700X817
c	Power inlet	380V/3/50Hz	
d	Forklift slot	59X180	
e	Hot air outlet	722X742	819X861

BELT OR DIRECT DRIVE SERIES

SPECIFICATIONS OF SE55-90(KW)

MODEL	POWER kW	PRESSURE bar	AIR FLOW m³/min	NOISE LEVEL dB(A)	OUTLET CONNECTION	WEIGHT Kg	DIMENSION L x W x H mm
SE55A-7 SE55A-8 SE55A-8/D SE55A-10 SE55A-13	55	7 8 8 10 13	10.8 10.0 10.0 9.0 7.8	74	Rp 2	1450 1450 1500 1450 1450	1150X1550X1660 1150X1550X1660 2000X1200X1585 1150X1550X1660 1150X1550X1660
SE75A-7 SE75A-8 SE75A-8/D SE75A-10 SE75A-10/D SE75A-13	75	7 8 8 10 10 13	13.8 13.0 13.0 11.8 11.8 9.8	76	Rp 2	1550 1550 1600 1550 1600 1550	1150X1550X1660 1150X1550X1660 2000X1200X1585 1150X1550X1660 2000X1200X1585 1150X1550X1660
SE90A(W)-7 SE90A(W)-8 SE90A(W)-8/D SE90A(W)-10 SE90A(W)-10/D SE90A(W)-13	90	7 8 8 10 10 13	16.0 15.0 15.0 13.0 13.6 11.0	76	Rp 2 1/2	1900	1750X1375X1740 1750X1375X1740 2000X1200X1585 1750X1375X1740 2000X1200X1585 1750X1375X1740

FAD measured in accordance with ISO1217 (GB/T3853).
Outlet temperature = Ambient temperature + 8~10℃, Oil content: 1~3PPM.
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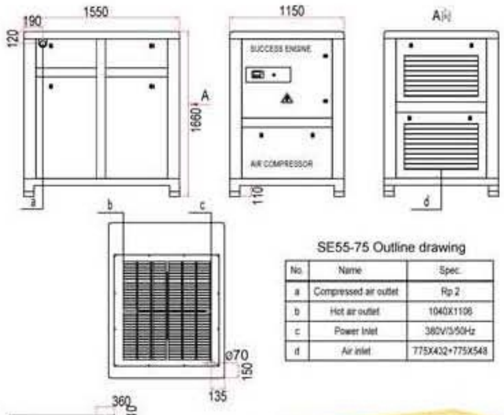
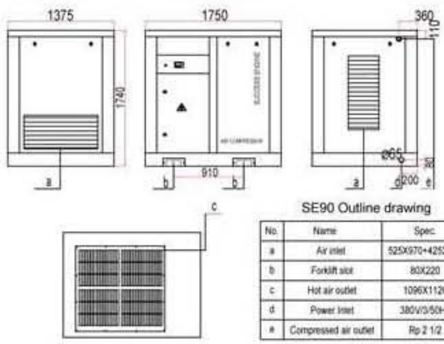


SE55-75 Outline drawing

No.	Name	Spec.
a	Compressed air outlet	Rp 2
b	Hot air outlet	1040X1106
c	Power Inlet	380V/3/50Hz
d	Air inlet	775X432+775X548



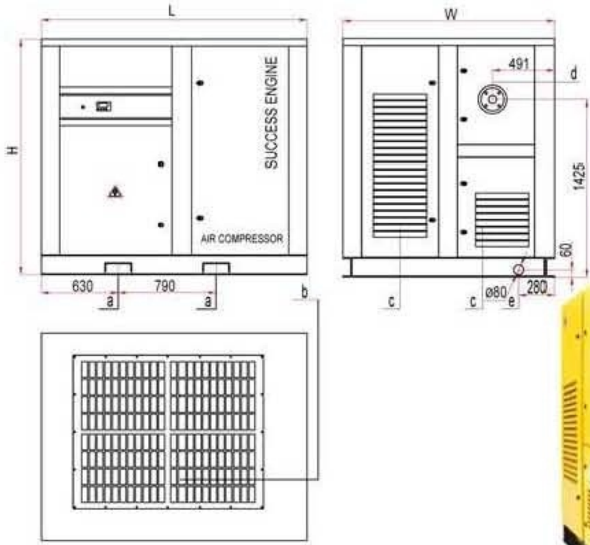
SE90 Outline drawing

No.	Name	Spec.
a	Air inlet	525X970+425X845
b	Forklift slot	80X220
c	Hot air outlet	1096X1126
d	Power Inlet	380V/3/50Hz
e	Compressed air outlet	Rp 2 1/2

DIRECT DRIVE SERIES

SPECIFICATIONS OF SE110-180(KW)

MODEL	POWER kW	PRESSURE bar	AIR FLOW m³/min	NOISE LEVEL dB(A)	OUTLET CONNECTION	WEIGHT Kg	DIMENSION L x W x H mm
SE110A(W)-7/D SE110A(W)-8/D SE110A(W)-10/D SE110A(W)-13/D	110	7 8 10 13	20.5 20.0 17.0 13.6	78	DN65	2300	2166X1700X1918
SE132A(W)-7/D SE132A(W)-8/D SE132A(W)-10/D SE132A(W)-13/D	132	7 8 10 13	23.6 23.2 20.0 16.0	80	DN65	2500	2166X1700X1918
SE160A(W)-7/D SE160A(W)-8/D SE160A(W)-10/D SE160A(W)-13/D	160	7 8 10 13	27.2 26.6 24.5 20.8	80	DN65	2750	2466X1900X1918
SE180A(W)-7/D SE180A(W)-8/D SE180A(W)-10/D SE180A(W)-13/D	180	7 8 10 13	30.0 29.2 26.8 23.0	82	DN65	3000	2466X1900X1918
SE200A(W)-8/D SE200A(W)-10/D SE200A(W)-13/D	200	8 10 13	33.6 29.5 25.0	82	DN80	4500	2666X2000X1918
SE220A(W)-8/D SE220A(W)-10/D SE220A(W)-13/D	220	8 10 13	37.5 33.5 28.0	85	DN80	4800	2666X2000X1918
SE250A(W)-8/DE SE250A(W)-10/DE SE250A(W)-13/DE	250	8 10 13	40.5 36.5 31.0	85	DN80	5200	2666X2000X1918



SE110A/D~SE180A/D Outline drawing

No.	Name	Spec.
a	Forklift slot	83X206
b	Hot air outlet	1370X1546
c	Air inlet	3X430X1147+430X487
d	Compressed air outlet	PN16 DN65
e	Power Inlet	380V/3/50Hz

DIRECT DRIVE SERIES

SPECIFICATIONS OF SE250-400(KW)

MODEL	PRESSURE bar	AIR FLOW m³/min	POWER kW	CABLE V	NOISE LEVEL dB(A)	AIR(KW) WATER(m³/h)	OUTLET CONNECTION	WEIGHT Kg	DIMENSION L x W x H mm
SE250A(W)-8 SE260A(W)-8 SE280A(W)-10 SE315A(W)-13	8 8 10 13	45.0 49.2 45.0 45.0	250 250 280 315	380	76	7.5kW 15m³/h	DN80	6200	3260X2050X2100
SE250A(W)-8 SE260A(W)-8 SE280A(W)-10 SE315A(W)-13	8 8 10 13	45.0 49.2 45.0 45.0	250 250 280 315	6000/10000	76	7.5kW 15m³/h	DN80	7000	3934X2326X2100
SE280A(W)-8T SE280A(W)-8T	8	53.6	280	380 6000/10000	78	7.5kW 15m³/h	DN100	6500 7200	3560X2050X2100 4185X2326X2400
SE355W-8 SE355W-10	8 10	65 55	355	6000/10000	80	22m³/h	DN100	8800	4280X2320X2400
SE400W-8 SE400W-10 SE400W-13	8 10 13	74 63 53	400	6000/10000	80	28m³/h 30m³/h 30m³/h	DN100	9200 9500 9500	4280X2320X2400

FAD measured in accordance with ISO1217 (GB/T3853).
Outlet temperature = Ambient temperature + 8~10℃, Oil content: 1~3PPM.
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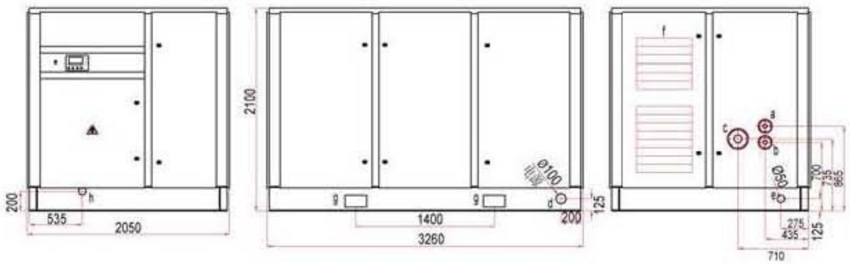
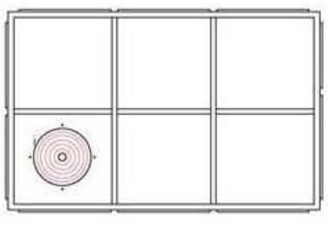




SE250A(W)~SE315A(W) Outline drawing

No.	Name	Spec.
a	Water inlet	DN 50
b	Water outlet	DN 50
c	Compressed air outlet	DN 80
d	Power	380V/3/50Hz
e	Automatic drain port	
f	Air inlet	580X1400
g	Forklift slot	120X220
h	Oil drain port	
i	Hot air outlet	

VSD SERIES

SPECIFICATIONS OF SE22-250(KW)

MODEL	POWER kW	PRESSURE bar	AIR FLOW m³/min	NOISE LEVEL dB(A)	OUTLET CONNECTION	WEIGHT Kg	DIMENSION L x W x H mm
SE22A-7/VSD SE22A-8/VSD SE22A-10/VSD SE22A-13/VSD	22	7 8 10 13	0.8~3.8 0.7~3.6 0.5~3.2 0.4~2.8	68	Rp 1 1/4	670	860X1315X1340
SE30A-7/VSD SE30A-8/VSD SE30A-10/VSD SE30A-13/VSD	30	7 8 10 13	1.5~5.2 1.3~5.0 1.0~4.5 0.7~3.7	70	Rp 1 1/4	730	860X1315X1340
SE37A-7/VSD SE37A-8/VSD SE37A-10/VSD SE37A-13/VSD	37	7 8 10 13	1.8~6.8 1.6~6.6 1.3~5.8 1.0~4.8	70	Rp 1 1/2	920	1000X1600X1470
SE45A-7/VSD SE45A-8/VSD SE45A-10/VSD SE45A-13/VSD	45	7 8 10 13	1.9~8.0 1.7~7.6 1.5~7.0 1.2~5.8	71	Rp 1 1/2	1020	1000X1600X1470
SE55A-7/VSD SE55A-8/VSD SE55A-10/VSD SE55A-13/VSD	55	7 8 10 13	2.6~10.8 2.4~10.0 2.0~9.0 1.5~7.8	74	Rp 2	1550	1150X1950X1660
SE75A-7/VSD SE75A-8/VSD SE75A-10/VSD SE75A-13/VSD	75	7 8 10 13	3.2~13.8 3.0~13.0 2.6~11.8 2.2~9.8	76	Rp 2	1960	2450X1200X1585
SE90A(W)-7/VSD SE90A(W)-8/VSD SE90A(W)-10/VSD SE90A(W)-13/VSD	90	7 8 10 13	4.0~16.0 3.9~15.0 3.5~13.0 2.8~11.0	76	Rp 2 1/2	2000	2550X1200X1585
SE110A(W)-7/VSD SE110A(W)-8/VSD SE110A(W)-10/VSD SE110A(W)-13/VSD	110	7 8 10 13	4.3~20.5 4.2~20.0 3.8~17.0 3.3~13.6	80	DN65	2520	2166X1996X1918
SE132A(W)-7/VSD SE132A(W)-8/VSD SE132A(W)-10/VSD SE132A(W)-13/VSD	132	7 8 10 13	6.1~24.0 6.0~23.5 5.8~20.2 4.0~16.0	80	DN65	2720	2166X1996X1918
SE160A(W)-7/VSD SE160A(W)-8/VSD SE160A(W)-10/VSD SE160A(W)-13/VSD	160	7 8 10 13	6.2~27.2 6.0~26.6 5.8~24.5 4.1~20.8	80	DN65	3000	2166X2096X1918
SE180A(W)-7/VSD SE180A(W)-8/VSD SE180A(W)-10/VSD SE180A(W)-13/VSD	180	7 8 10 13	7.5~30.0 7.2~29.2 6.4~26.8 5.2~23.0	82	DN65	3230	2166X2096X1918
SE250A(W)-8/VSD SE260A(W)-8/VSD SE280A(W)-10/VSD SE315A(W)-13/VSD	250 260 280 315	8 8 10 13	12.2~45.0 14.5~49.2 12.0~45.0 12.0~45.0	76	DN80	6380	3760X2050X2100

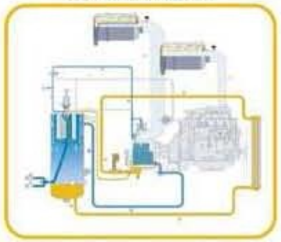
FAD measured in accordance with ISO1217 (GB/T3853).
Outlet temperature = Ambient temperature + 8~10℃, Oil content: 1~3PPM.
Specifications in this catalog are subject to change by SUCCESS ENGINE without notice and the detailed information is subject to Pre-sales consulting.

Portable screw air compressor

Highest fuel economy Vigorous Power

- Adopt PEV Necking combustion technology, small low inertia injector nozzle, sufficient burning, Further improve the low-speed torque.
- Adopt powerful oil-proof starting motor, strengthen the motor design to ensure the reliability and lifetime of the electrical system.
- Improve the capacity of the air filter, adopt PU air filter element, safer to protect, more convenient to maintain.
- Compact and beautiful design: Industrial modeling theory, low pressure pipe, good casting quality.

System Diagram



Driving stability Convenient to maintain

- With a highly efficient and stable driving function and the high ability of bias compensation.
- The connection between Flanged connection body and airend shaft can be dismantle in radial direction.

Rain proof and noise reduction, safe and reliable

- Adopt a rain-proof movable trailer whose outer housing is made of anti-corrosive quality steel, with good sealing and corrosion-resistant effects.
- Side window adopt automatic pressure support, open easily.
- Wheel steering mode: Wheel Steering, Single wheel steering and multi-wheel steering. Also it can be set to parking braking, service braking and emergency braking.
- Trailer with the following features: High speed, brake flexibly, turning smoothly and safety.

Exquisite quality Honest service

- Sound and light alarm, intelligent control system.
- Be equipped with a heavy-duty air filtering device to guarantee safely running of compressor.
- Easy to be maintained by built-in working light, increase the working efficiency.
- Satisfy different movable machines' requirements with multi-outlets.

Specifications

Model	Capacity (m^3/min)	Number of Cylinders	Fuel Tank Capacity (L)	Outlet Connection	L X W X H (MM)	Weight (KG)
YSE18-8	3	3	70	1×Rp1 1/4 + 2×Rp3/4	2500×1400×1500	1000
YSE37-8	6	4	100	1×Rp1 1/2 + 2×Rp3/4	2800×1400×1500	1250
YSE75-8	10	6	180	1×Rp2 + 2×Rp1 1/2	3900×1800×1750	2200
YSE90-8	15	6	270	1×Rp2 1/2 + 2×Rp1 1/2	3900×1800×1750	2800
YSE110-8	20	6	400	1×Rp2 1/2 + 2×Rp1 1/2	4200×1800×2100	3500

WHY THE COMPRESSED AIR NEED DRYING

The compressed air contains some water vapour which relative humidity is 100%. As the air vapour cooled down in the pipe, it condensed into water. The presence of water in the air-compressing system may causes many disadvantages:

- More costs for the function and maintenance of instrument, electromagnetic valve, cylinder etc. and lower efficiency, even the interruption of production.
- More costs for the presence of condenser, separator,and blow-off line.
- Lower processing quality ,especially for spraying lacquer,sand blasting plant,air-operated system,foodstuff,pharmaceuticals industry,etc.

The dry extent of the compressed air is associated with the dew point. At constant barometric pressure, for the water vapor component to condense into water, called dew point.

SPECIFICATIONS OF DA SERIES REFRIGERATION DRYERS

MODEL	CAPACITY (m^3/min)	ELECTRICITY (V/P/Hz)	POWER (W)	L×W×H (mm)	WEIGHT (Kg)	INLET/OUTLET
DA-14	1.4	220/1/50	360	740x470x645	70	G 1/2
DA-18	1.8	220/1/50	360	740x470x645	110	G 1
DA-26	2.6	220/1/50	360	740x470x645	110	G 1
DA-38	3.8	220/1/50	750	750x510x685	130	G 1
DA-55	5.5	220/1/50	750	870x510x790	150	G 1 1/2
DA-69	6.9	220/1/50	1000	980x520x775	160	G 1 1/2
DA-85	8.5	220/1/50	1380	1100x645x975	200	G 2
DA-108	10.8	380/3/50	2500	1350x690x1120	250	DN50
DA-145	14.5	380/3/50	2780	1500x775x1210	320	DN50
DA-165	16.5	380/3/50	2780	1500x775x1210	370	DN65
DA-195	19.5	380/3/50	2780	1500x775x1210	420	DN65
DA-225	22.5	380/3/50	2780	1500x775x1210	450	DN65
DA-285	28.5	380/3/50	4500	1510x850x1360	550	DN80
DA-360	36.0	380/3/50	4800	1510x850x1360	650	DN80
DA-430	43.0	380/3/50	5700	1790x890x1385	750	DN100
DA-520	52.0	380/3/50	7500	2060x860x1659	980	DN100
DA-630	63.0	380/3/50	7500	2060x860x1659	1190	DN125
DW-800	80.0	380/3/50	11000	2480x1180x1735	1250	DN125

Using Conditions
1. Working pressure: standard 7 bar, (≤10 bar)
2. Inlet Temperature: standard 45℃ (≤80℃).
3. Dew Point Temperature: 2℃ - 10℃.

SPECIFICATIONS OF DH SERIES HEATLESS REGENERATION DRYERS

MODEL	CAPACITY (m^3/min)	INLET/OUTLET	L×W×H (mm)	WEIGHT (Kg)	MODEL	CAPACITY (m^3/min)	INLET/OUTLET	L×W×H (mm)	WEIGHT (Kg)
DH-12	1.2	G 1	780x500x1600	110	DH-220	22	DN 65	1700x700x2250	890
DH-26	2.6	G 1	960x500x1880	150	DH-270	27	DN 80	1700x700x2550	950
DH-36	3.6	G 1	960x500x2080	160	DH-320	32	DN 80	1900x750x2640	1320
DH-55	5.5	G 1 1/2	1000x500x1920	220	DH-450	45	DN 100	2100x900x2660	1550
DH-69	6.9	G 1 1/2	1070x500x1860	350	DH-550	55	DN 100	2200x950x2710	1880
DH-85	8.5	G 2	1230x600x1820	430	DH-650	65	DN 100	2300x1000x2810	2250
DH-110	11	G 2	1230x600x2040	460	DH-850	85	DN 125	2500x1100x2910	2810
DH-135	13.5	G 2	1230x600x2240	520	DH-1100	110	DN 150	3000x1600x3225	4150
DH-170	17	DN 65	1600x600x2400	720	DH-1400	140	DN 150	3000x1700x3225	4980

All products are designed according to the international standard ISO7183-B.
Inlet temperature: < 40℃, Working pressure: ≤10bar.
Dew Point Temperature: ≤-40℃, Regeneration consumes the tolerance: ≤15%.

ELEMENTS FILTRATION RATING

	GRADE P	GRADE A	GRADE F	GRADE AC	GRADE AD
FUNCTION	PRE-FILTER	AFTER-FILER	FINAL-FILER	ACTIVATED CARBON	STERILE FILFER(Stainless steel box)
PARTICLE REMOVAL	1um	1um	0.01um	Odourless	Oilless, odourless, bacteria-free, low dew point
OIL CONTENT	1ppm	0.1ppm	0.01ppm	0.003ppm	Oilless, odourless, bacteria-free, low dew point

Grade AD: Blocking bacteria and bacteriophages efficiently in compressed air with steam at 200℃ passing through regularly to sterilize. Times of recycle:100.

When pressure is not 7 bar, their capacities should divided by correctness parameter listed in the following table. Then, select models needed.

Pressure bar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Correctness parameter	0.25	0.37	0.5	0.62	0.75	0.87	1	1.12	1.25	1.37	1.5	1.62	1.75	1.87	2	2.12

SPECIFICATIONS OF SF SERIES HIGH EFFICIENCY FILTER

MODEL	CAPACITY (m^3/min)	CONNECTIONS	ELEMENTS MODEL & QUANTITY	DIMENSIONS (mm) L	H
SF18-**	1.80	G 1/2	E-16x1	104	243
SF26-**	2.60	G 1	E-20x1	104	313
SF38-**	3.80	G 1 1/2	E-24x1	138	424
SF55-**	5.50	G 1 1/2	E-28x1	138	424
SF69-**	6.90	G 1 1/2	E-32x1	138	624
SF100-**	10.00	G 1 1/2	E-36x1	138	624
SF140-**	14.00	G 2	E-40x1	148	685
SF165-**	16.50	G 2	E-44x1	148	825
SF180-**	18.00	DN65	E-44x1	300	940
SF220-**	22.00	G 2 1/2	E-48x1	150	1000
SF280-***	28.00	DN80	E-40x2	336	1118
SF360-**	36.00	DN100	E-44x2	500	1150
SF540-**	54.00	DN100	E-44x3	500	1150
SF720-**	72.00	DN100	E-44x4	600	1250
SF900-**	90.00	DN125	E-44x5	600	1250

Referred to a pressure of 7 bar. "***"-elements filtration rating

Max working pressure:13 bar

COMPRESSED AIR RECEIVER

Main specifications & basic fixed dimensions

Model	m^3	Bar	Φ1	H_1	H_2	H_3	Materials	c	a, b	Kg
C-0.3/8	0.3	8	600	1620	655	1255	Q235-B	RP3/4	DN65	121
C-0.3/10		10		1620	655	1255	Q235-B			139
C-0.3/13		13		1622	656	1258	Q235-B			167
C-0.6/8	0.6	8	700	1940	680	1550	Q235-B	RP3/4	DN65	185
C-0.6/10		10		1942	681	1551	Q235-B			217
C-0.6/13		13		1942	681	1551	Q235-B			265
C-1/8	1	8	800	2367	731	1961	Q235-B	RP1	DN80	283
C-1/10		10		2367	731	1961	Q235-B			324
C-1/13		13		2367	731	1961	16MnR			331
C-1.5/8	1.5	8	900	2817	736	2380	Q235-B	RP1	DN80	408
C-1.5/10		10		2817	736	2380	Q235-B			473
C-1.5/13		13		2817	736	2380	16MnR			423
C-2/8	2	8	1000	2867	761	2411	Q235-B	RP1	DN80	513
C-2/10		10		2867	761	2411	Q235-B			661
C-2/13		13		2867	761	2411	16MnR			538
C-2.5/8	2.5	8	1100	2917	786	2436	Q235-B	RP1	DN80	642
C-2.5/10		10		2917	786	2436	Q235-B			724
C-2.5/13		13		2921	788	2438	16MnR			773
C-3/8	3	8	1200	3032	871	2521	Q235-B	RP1 1/4	DN80	735
C-3/10		10		3032	871	2521	Q235-B			865
C-3/13		13		3036	873	2523	16MnR			855
C-4/8	4	8	1400	3142	931	2581	Q235-B	RP1 1/4	DN100	947
C-4/10		10		3144	932	2582	Q235-B			1170
C-6/8	6	8	1400	4362	931	3651	Q235-B	RP1 1/2	DN125	1320
C-6/10		10		4364	932	3652	Q235-B			1657
C-10/8	10	8	2000	3831	1158	3038	16MnR	RP2	DN150	1847
C-10/10		10		3865	1175	3055	16MnR			2262