



SF Series

AUGUST

Compressors

COMPRESSOR TECHNOLOGY FROM GERMANY

HIGH EFFICIENT • ENERGY SAVING • RELIABLE • DURABLE



SF200



SF75



SF55



CE, ISO9001, ISO14001 Certificate



ISO 9001:2000



ISO 14001:2004



CE Certificate

Ningbo xinda screw compressor Co., Ltd. is a modern screw compressor specialized production enterprise, which has the core technology of screw air compressor, has full independent intellectual property rights, and by the strict review licensing screw air compressor manufacturing base. The factory covers an area of 200,000 square meters, a building area of 120,000 square meters and a total staff of more than 1,300, among which more than 300 professional and technical personnel.



Ningbo xinda screw compressor Co., Ltd. has a strong R&D team, professional to explore efficient compressed air system of perfect and solution, constantly optimize the product performance and manufacturing process technology. Company relying on the powerful research and development strength, advanced production equipment and perfect quality control system.



High efficiency type line



Screw process by KLINGELNBERG



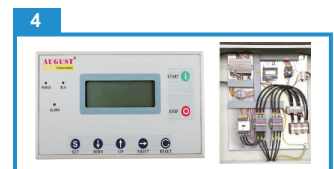
Top professional testing room

AUGUST COMPRESSOR ENERGY SAVING DATA (SF Series)



Power (kw)	FAD (m³/min)	AUGUST energy efficiency (kw/m³/min)	Level 2 product energy efficiency (kw/m³/min)	Save Electricity per year (kw.h)
11	1.8	8.5	8.9	26803
18.5	2.8	7.6	8.4	46603
22	3.4	7.5	8.1	41698
37	6.1	7.3	8.1	85498
45	7.5	7.8	8.1	72270
55	9.8	7.3	7.3	94433
110	18.5	7.1	7.1	162060
132	22.5	7.1	7.1	197100

AUGUST SCREW AIR COMPRESSOR



1. High safety control valve system

- High quality inlet control valve, Large caliber, small resistance, precision casting
- Reliable check valve, low fluid resistance, good sealing, quick closure
- High quality minimum pressure valve, low pressure loss, open and close safety and reliability temperature control valve prompt response, to avoid the condensed water

2. Reliable cooling system

- The plate-wing structure cooler, high heat transfer efficiency
- High quality materials and strict process, Strong corrosion resistance, ensures air compressor can work properly in high temperature environment up to 50 c°

3. Maximizing energy saving 5-6 rotors profile

Screw air end uses the newest asymmetric line and 5:6 screw rotor. The upgrade of the seal technology from line type to band type increases the efficiency of air production 5 to 10 percent. The large diameter and low speed of the rotor keep the air end with low noise and long life.

4. High performance microcomputer controller

It can realize unmanned operation, intelligent operation, and has powerful fault diagnosis and protection capability. Adopts on/off, continuous and automatic multi operation mode, to realize the automatic adjustment of air flow to energy saving. Have automatic start/stop, lack of phase protection, phase sequence alarm, oil and air separator, filter blocking alarm protection function online, remote control and DSC network

5. High precision filtration separation system

1 micron precision air filter, 10 micron precision oil filter, large capacity design standard to ensure the compressor Long-term efficient and safe operation. oil content <3 ppm, which provides you with a cleaner air source.

6. High efficiency motor high efficiency, strong and durable

Suitable for the bad operating condition long service life, effectively reduce running power consumption F class insulation, IP54 protection level SKF bearing, low noise, long lifetime The external filling nozzle, reliable operation and easy maintenance

EXCELLENT CONTROLLER



- Digital display running mode temperature air pressure, current motor
- 5 memories for shutdown
- Multiple running mode, on/off, continuous and automatic mode
- Phase reverse protection, phase sequence protection and overload protection
- Automatic shutdown protection and alarm for over pressure and over temperature
- Alarm and protection for Separator, Air filter Oil filter, compressor Oil, Grease



Network Group

Networking grouping is an important function of compressor control. Used in an air supply group of more than one set (maximum 16 sets) compressor. When a Host compressor start, automatic into the networking model, networking can avoid the requirement damaged from compressor start and stop frequency and reduce the impact of the power grid. Achieve the energy saving effect.

TECHNICAL SPECIFICATIONS

Type	Power (KW/HP)	Discharge Pressure (Bar)	Free Air Delivery (m3/min)	Weight (kg)	Noise Db(A) ±3	Dimension L x W x H (mm)	Air Supply (inch)
SF7.5B	7.5/10	10	1	350	65	890 x 710 x 965	1/2"
SF7.5C		13	0.8				
SF7.5D		8	1.1			995 x 625 x 850	
SF11B	11/15	10	1.6	380	69	1122 x 752 x 1080	1/2"
SF11C		13	1				
SF11D		8	1.8				
SF15B	15/20	10	2.15	450	70	1122 x 752 x 1082	1"
SF15C		13	1.6				
SF15D		8	2.4			1298 x 754 x 1082	
SF18.5B	18.5/25	10	2.6	500	71	1134 x 960 x 1442	1 1/4"
SF18.5C		13	1.9				
SF18.5D		8	2.9				
SF22B	22/30	10	3.1	560	72	1134 x 960 x 1442	1 1/4"
SF22C		13	2.6				
SF22D		8	3.5			1354 x 854 x 1182	
SF30B	30/40	10	4.3	630	73	1134 x 960 x 1442	1 1/2"
SF30C		13	3.6				
SF30D		8	4.9				
SF37B	37/50	10	5.7	950	73	1653 x 1003 x 1343	1 1/2"
SF37C		13	4.8				
SF37D		8	6.3				
SF45B	45/60	10	6.8	990	74	1653 x 1003 x 1343	1 1/2"
SF45C		13	5.4				
SF45D		8	7.5			1533 x 1003 x 1345	
SF55B	55/75	10	8.4	1890	75	2000 x 1200 x 1798	1 1/2"
SF55C		13	7.4				
SF55D		8	9.8				
SF75B	75/100	10	11.5	2000	76	2000 x 1200 x 1798	2"
SF75C		13	9.5				
SF75D		8	12.4				
SF90B	90/122	10	13.7	2200	77	2500 x 1450 x 2000	2"
SF90C		13	11.5				
SF90D		8	16.2				
SF110B	110/150	10	17	2500	80	2500 x 1450 x 2000	2 1/2"
SF110C		13	14				
SF110D		8	19.6				
SF132B	132/180	10	20.5	2600	80	2500 x 1450 x 2000	2 1/2"
SF132C		13	16.6				
SF132D		8	22.5				
SF160B	160/215	10	24.5	3500	80	2700 x 1600 x 2000	2 1/2"
SF160C		13	20.2				
SF160D		8	27				
SF185B	185/250	10	27.5	4000	82	3200 x 1800 x 2122	1 1/2"
SF185C		13	22.5				
SF185D		8	31.5				
SF200B	200/270	10	31.2	4200	82	3200 x 1800 x 2122	4"
SF200C		13	26.5				
SF200D		8	36.3				
SF220B	220/295	10	33.6	4500	82	3200 x 1800 x 2122	4"
SF220C		13	28.6				
SF220D		8	39				
SF250B	250/335	10	37	5800	83	3380 x 2000 x 2120	4"
SF250C		13	31.5				
SF250D		8	41.5				
SF280B	280/375	10	43.2	6000	83	3380 x 2000 x 2120	4"
SF315D	315/430	8	55	6500	85	3850 x 2200 x 2250	4"
SF355D	355/480	8	65	7800	85	4200 x 2200 x 2250	5"

Due to improvement for excellence, the specification subject to change without notice in advance. Free air delivery standard in GB/T3853-eqr-ISO 1217