

# AUGUST<sup>®</sup>

COMPRESSOR



## Rotary Screw Compressors

## Advanced Technology from

## GERMANY



COMPANY  
WITH QUALITY SYSTEM  
CERTIFIED BY ATN  
ISO 9001 : 2000



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## Rotary Screw air Compressors

### ONE OF THE LARGEST SCREW COMPRESSOR MANUFACTURER TECHNOLOGY FROM GERMANY

**Introduction :** As one of largest screw compressor manufacturer specializing in air compressors. Our plants are modernized with close type workshops and a series of international first-class processing and testing equipments. ISO9001 certified, our company has perfect quality assurance system.

With advanced technology introduced from Germany. The procession of its positive and negative rotors adopts H35R screw grinder and gear measuring center of German Klingelberg's technology with the guaranteed testing by Klingelberg's software. For key parts of our products, we adopt imported famous brands to ensure reliable operation. Some of our products have been exported to Middle East, North Africa, South Africa, Europe and Asia.

By international top ranking equipments, advanced production technologies and strong technical force, we do our utmost to offer high quality products and excellent services to global clients.



#### Energy Saving

It is estimated that industrial operations use 8-12% of their energy to meet their compressed air needs. On an annual basis this expanse could add up to significant numbers. AUGUST Compressed Air Equipments offers significant energy savings by means of using the latest technology combined with efficient but economic compoents.

One of the very basic needs of industrial companies is to have reliable, problem free material and machinery. In this context, reliability and quality of compressed air systems is a significant factor in reducing of production costs.

#### Reliable and Efficient Operating System

When problems occurring in the compressed air system could delay or even halt production. The cost of an hour losses of production could exceed the cost of the whole compressed air system. Reduced maintenance needs, reliable and efficient operation allows AUGUST Compressor to give the right choice.

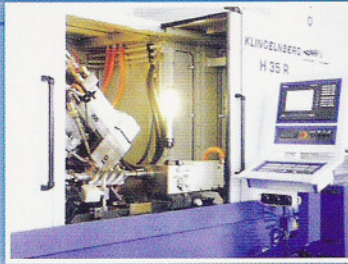


SF 90 - SF250

SF 55 - SF 75

SF 37





ALL MACHINE FOR GRINDER INSPECTION FROM "KLINGELNBERG"

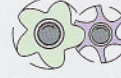
## HEART OF AUGUST



First Generation



Second Generation

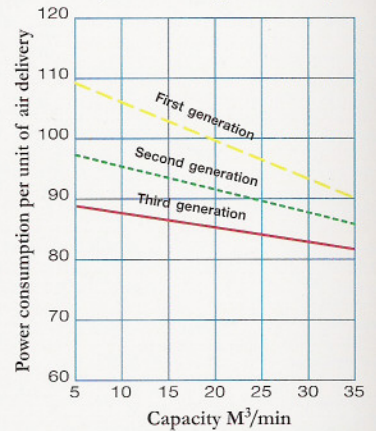


Third Generation

## 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.
- Screw air end's discharge end uses two face to face heavy loaded taper roller bearings which improve the safe factor, prevent the rotor to pitch more efficiently and increase the life-span of the air end.

The efficiency of the different generation rotor profiles



## EXCELLENT COOLING SYSTEM

- ◆ Air/Oil cooler oversized for high ambient temperature.
- ◆ Cooling fan temperature controlled

## EFFICIENT FILTERING

- ◆ MANN FILTER famous brand from Germany
- ◆ Air Filter heavy duty design accuracy grade 1 um and Oil Filter grade 10 um
- ◆ Air / Oil separator efficient separation system reduce oil carryover less than 2 ppm.

## AIREND WITH SUPERIOR FUNCTION

- ◆ 5:6 rotors profile efficiency increase 5-10% and energy saving 12 %
- ◆ Optimal SKF bearing assembly for longer service life designed 50,000 hours.

## DRIVEN SYSTEM

- ◆ 50 HP. & Above
- ◆ Direct drive with flexible coupling
- ◆ Rigid connection and automatic alignment between motor and screw
- ◆ Below 50 hp.
- ◆ Belt- pulley system designed to work in excess of 25,000 hours.
- ◆ No need alignment easy for maintenance







## MAIN TECHNICAL DATA

MODEL	MOTOR (Kw./Hp.)	PRESSURE (Bar.)	F.A.D. (M3/min.)	DIMENSION (MM.)	CONNECTION (INCHS)	NOISE DB(A)	WEIGHT (Kg.)
SF7.5A	7.5/10	7	1.2	770x770x980	1/2	67	350
SF7.5B		10	1.0				
SF7.5C		13	0.8				
SF7.5D		8	1.1				
SF11A	11/15	7	1.9	910x860x1400	1	69	420
SF11B		10	1.6				
SF11C		13	1.0				
SF11D		8	1.8				
SF15A	15/20	7	2.6	910x860x1400	1	70	450
SF15B		10	2.1				
SF15C		13	1.6				
SF15D		8	2.4				
SF18.5A	18.5/25	7	3.0	1130x900x1430	1-1/4	72	650
SF18.5B		10	2.6				
SF18.5C		13	1.9				
SF18.5D		8	2.8				
SF22A	22/30	7	3.6	1130x900x1430	1-1/4	72	700
SF22B		10	3.1				
SF22C		13	2.5				
SF22D		8	3.4				
SF30A	30/40	7	5.2	1290x995x1420	1-1/2	72	850
SF30B		10	4.3				
SF30C		13	3.6				
SF30D		8	4.9				
SF37A	37/50	7	6.4	1290x995x1420	1-1/2	75	900
SF37B		10	5.5				
SF37C		13	4.6				
SF37D		8	5.8				
SF45A	45/60	7	7.5	2000x1200x1798	2	75	1950
SF45B		10	6.6				
SF45C		13	5.2				
SF45D		8	7.2				
SF55A	55/75	7	10.2	2000x1200x1798	2	75	1990
SF55B		10	8.2				
SF55C		13	7.2				
SF55D		8	9.5				
SF75A	75/100	7	13.5	2000x1200x1798	2	76	2100
SF75B		10	11.5				
SF75C		13	9.5				
SF75D		8	12.4				
SF90A	90/125	7	16.5	2400x1400x1998	2-1/2	78	2200
SF90B		10	13.7				
SF90C		13	11.5				
SF90D		8	15.5				
SF110A	110/150	7	20.0	2400x1400x1998	2-1/2	78	2500
SF110B		10	17.0				
SF110C		13	14.0				
SF110D		8	18.5				
SF132A	132/175	7	23.5	2400x1400x1998	2-1/2	80	2600
SF132B		10	20.5				
SF132C		13	16.6				
SF132D		8	22.5				
SF160A	160/220	7	28.3	3500x1800x2180	4	80	3800
SF160B		10	24.5				
SF160C		13	20.5				
SF160D		8	27				
SF200A	200/270	7	38.5	3500x1800x2180	4	82	4200
SF200B		10	32.2				
SF200C		13	28.5				
SF200D		8	35.8				
SF250A	250/350	7	42	3500x1800x2180	4	85	4500
SF250B		10	38.1				
SF250C		13	34.6				
SF250D		8	40.5				





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