



**HawaCom**  
Empowering Progress with Pure Air Precision



**Shenzhen**

**HawaCom**

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# COMPONENTS

Assembled with genuine air end and imported spare parts, HawaCom compressors have more stable performance and generate greater air output, which is unrivaled in the same industry in China0.

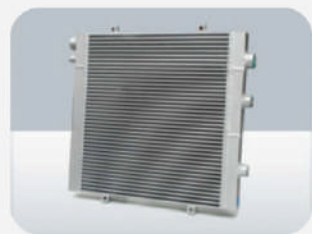


## ■ Superior Air Inlet and Filter System

Customized air filter with two stage dust removal and filtering system, up to 99.9% efficiency even in heavy-duty environment.

Inlet air filter is designed to suck outside normal temperature air, to make the output temperature significantly decreasing by 3-10°C and greatly extended the service life.

Germany MANN oil filter with excellent oil purification efficiency, to ensure the safety oil system, and enlarge the service life.



## ■ Energy Efficient Cooling Method

High quality of aluminum fins and copper coil materials with good thermal conductivity to ensure the perfect cooling efficiency.

The cooler is located separately from the internal chassis with higher temperature, so that the cooling fans would suck air with normal temperature from outside, to save over 30% energy and make the output air temperature decrease 3~8°C.

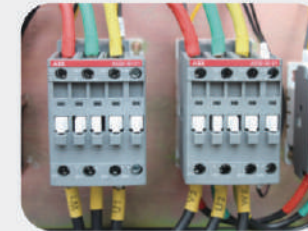


## ■ Optimum System Design

The technicians optimize the system to largely reduce errors during running, to make the air delivery more sufficient and make the energy consumption advanced in compressed industry.

Reduce pressure drops and save energy. Three step air-oil separation (centrifuge, gravity, filter).

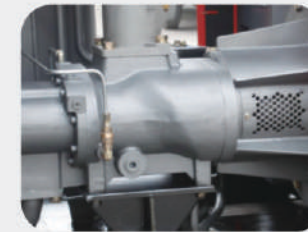
Quality air with low oil content less than 3ppm.



## ■ Intelligent Control

ABB electrical elements bring you the resulting sense of reliability and convenience during operation.

Reasonable, simple and clear wiring with clear diagram, easy for maintenance.



## ■ Good Sealing Performance

Good sealing performance has been an objective we pursue immutably. Unique process design and material application free you from the headaches of common faults in air compressors such as oil leakage, air leakage, etc.



## ■ PLC

Touch screen with multiple languages for choose.

Full protect functions for motor and compressors.

Remote control with RS485 available. Ingersoll-rand supplier CMC for choose, with advanced ECO card & IOT functions.



## ■ Dust Screen

Stop most of the dust, oil, moisture, etc, to increase service life of air end, air filter and oil filter.



## ■ Air Inlet Valve

High-quality air inlet valves with 0-100% stepless adjustment to the air quantity inlet, to reduce the energy consumption.

Integrated check valve to prevent backflow of air and oil in case of unexpected power failure.



## ■ Genuine Air End

Advanced ELANG air end with larger air delivery and stable running conditions.

Germany AERZEN and GHH for choose.



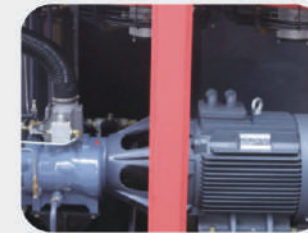
## ■ Genuine Imported Bearing

Excellent imported bearings are adopted for compressor air end to better improve their use efficiency, reduce abrasion and help to make the engagement more stable and smooth.



## ■ Solenoid Valve

Original Italy ODE ensure the stable running of compressors.

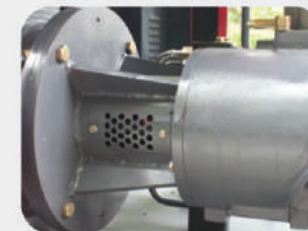


## ■ High Efficiency Motor

High efficiency totally enclosed fan cooled motor with protection class IP54/IP55 and insulation class F.

Standard ELANG motor, the same motor supplier of Atlas Copco and Ingersoll-rand in China.

ABB / Siemens / WEG motor for choose.



## ■ Energy Saving 1:1 Direct Driven Design

Original maintenance-free coupling makes the motor drive air end without transmission loss.



## SPECIFICATIONS

Motor Efficiency Class: IE4/IE3/IE2 as per your required  
Type of Driving: Direct driven

Motor Protection Class: IP23/IP54/IP55 or as per your required  
Type of Cooling: Air Cooling/Water Cooling

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
TF-20A-I	73.0	5.0	131.0	3.7	15/20	1480	900	1330	950	G11/4
	88.0	6.0	121.0	3.4						
	100.0	7.0	118.0	3.3						
	116.0	8.0	111.0	3.1						
	145.0	10.0	97.0	2.7						
	181.0	13.0	83.0	2.4						
TF-25A-I	73.0	5.0	163.0	4.6	18.5/25	1480	900	1330	950	G11/4
	88.0	6.0	152.0	4.3						
	100.0	7.0	142.0	4.0						
	116.0	8.0	135.0	3.8						
	145.0	10.0	121.0	3.4						
	181.0	13.0	104.0	2.9						
TF-30A-I	73.0	5.0	194.0	5.5	22/30	1480	900	1330	950	G11/4
	88.0	6.0	183.0	5.2						
	100.0	7.0	166.0	4.7						
	116.0	8.0	159.0	4.5						
	145.0	10.0	142.0	4.0						
	181.0	13.0	121.0	3.4						
TF-40A-I	73.0	5.0	263.0	7.4	30/40	1650	1100	1400	1100	G11/2
	88.0	6.0	242.0	6.9						
	100.0	7.0	228.0	6.5						
	116.0	8.0	218.0	6.2						
	145.0	10.0	194.0	5.5						
	181.0	13.0	163.0	4.6						
TF-50A-I	73.0	5.0	335.0	9.5	37/50	1650	1100	1400	1100	G11/2
	88.0	6.0	318.0	9.0						
	100.0	7.0	297.0	8.4						
	116.0	8.0	283.0	8.0						
	145.0	10.0	253.0	7.2						
	181.0	13.0	213.0	6.0						
TF-60A-I	73.0	5.0	410.0	11.6	45/60	2160	1310	1700	1850	DN65
	88.0	6.0	386.0	10.9						DN50
	100.0	7.0	364.0	10.3						
	116.0	8.0	344.0	9.7						
	145.0	10.0	307.0	8.7						
	181.0	13.0	259.0	7.3						
TF-75A-I	73.0	5.0	501.0	14.2	55/75	2160	1310	1700	1850	DN65
	88.0	6.0	472.0	13.4						DN50
	100.0	7.0	445.0	12.6						
	116.0	8.0	420.0	11.9						
	145.0	10.0	375.0	10.6						
	181.0	13.0	316.0	9.0						

## TWIN FORCE SERIES

Same power, **LARGER** air delivery

**SAVING** electricity costs



Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
TF-100S-I	73.0	5.0	683.0	19.3	75/100	2300	1355	1900	1950	DN80
	88.0	6.0	644.0	18.2						DN65
	100.0	7.0	607.0	17.2						
	116.0	8.0	573.0	16.2						
	145.0	10.0	512.0	14.5						
	181.0	13.0	431.0	12.2						
TF-120A-I	73.0	5.0	819.0	23.2	90/120	2760	1510	1950	3200	DN80
	88.0	6.0	773.0	21.9						DN65
	100.0	7.0	728.0	20.6						
	116.0	8.0	688.0	19.5						
	145.0	10.0	614.0	17.4						
	181.0	13.0	517.0	14.7						
TF-150A-I	73.0	5.0	1001.0	28.4	110/150	2760	1510	1950	3200	DN80
	88.0	6.0	944.0	26.7						DN65
	100.0	7.0	890.0	25.2						
	116.0	8.0	841.0	23.8						
	145.0	10.0	751.0	21.3						
	181.0	13.0	632.0	17.9						
TF-175A-I	73.0	5.0	1201.0	34.0	132/175	3360	1910	2200	4200	DN100
	88.0	6.0	1133.0	32.1						DN80
	100.0	7.0	1068.0	30.2						
	116.0	8.0	1009.0	28.6						
	145.0	10.0	901.0	25.5						
	181.0	13.0	759.0	21.5						
TF-200A-I	73.0	5.0	1519.0	43.0	160/200	3360	1910	2200	4200	DN100
	88.0	6.0	1433.0	40.6						DN80
	100.0	7.0	1352.0	38.3						
	116.0	8.0	1276.0	36.1						
	145.0	10.0	1136.0	32.2						
	181.0	13.0	954.0	27.0						
TF-250A-I	73.0	5.0	1757.0	49.8	185/250	3400	2000	2200	4500	DN125
	88.0	6.0	1657.0	46.9						DN100
	100.0	7.0	1564.0	44.3						
	116.0	8.0	1475.0	41.8						
	145.0	10.0	1313.0	37.2						
	181.0	13.0	1102.0	31.2						
TF-270A-I	73.0	5.0	1899.0	53.8	200/270	3400	2000	2200	4500	DN125
	88.0	6.0	1792.0	50.7						DN100
	100.0	7.0	1690.0	47.9						
	116.0	8.0	1595.0	45.2						
	145.0	10.0	1419.0	40.2						
	181.0	13.0	1192.0	33.8						

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight	Output Pipe Diameter
	psi(g)	bar	cfm	m³/min		L	W	H		
TF-30SA-I	73.0	5.0	2089.0	59.2	220/300	3550	2200	2300	5000	DN125
	88.0	6.0	1971.0	55.8						DN100
	100.0	7.0	1859.0	52.7						
	116.0	8.0	1754.0	49.7						
	145.0	10.0	1561.0	44.2						
	181.0	13.0	1311.0	37.1						
TF-330A-I	73.0	5.0	2374.0	67.2	250/330	3550	2200	2300	5000	DN125
	88.0	6.0	2240.0	63.4						DN100
	100.0	7.0	2113.0	59.8						
	116.0	8.0	1993.0	56.5						
	145.0	10.0	1774.0	50.2						
	181.0	13.0	1490.0	42.2						
TF-375A-I	73.0	5.0	2659.0	75.3	280/375	3550	2200	2300	5000	DN150
	88.0	6.0	2508.0	71.0						DN125
	100.0	7.0	2366.0	67.0						
	116.0	8.0	2233.0	63.2						
	145.0	10.0	1987.0	56.3						
	181.0	13.0	1669.0	47.3						
TF-420A-I	73.0	5.0	2991.0	84.7	310/420	4600	2200	2400	8000	DN150
	88.0	6.0	2822.0	79.9						DN125
	100.0	7.0	2662.0	75.4						
	116.0	8.0	2512.0	71.1						
	145.0	10.0	2236.0	63.3						
	181.0	13.0	1877.0	53.2						
TF-470A-I	100.0	7.0	3000.0	85.0	355/470	4600	2200	2400	8000	DN150
	116.0	8.0	2831.0	80.2						DN125
	145.0	10.0	2519.0	71.4						
	181.0	13.0	2116.0	59.9						

Certification: CE/ISO9001/TU VAIL/SGS/ASME  
Voltage: 110V~660V 50Hz/60Hz 3Ph available.

## APPLICATIONS



Textile industry



Cement industry



Glass industry