AUGUST®
Compressors

AUGUST Screw Compressor Co.,Ltd.

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m^3/min)	Weight (kg)	Noise dB(A) ± 3	Overall Dimension (L×W×H mm)	Air Supply Out
SF7.5-2/7	7.5/10	0.7	1.1	210	69	995×625×850	1/2″
SF7.5-2/8		0.8	1.0				
SF7.5-2/10		1.0	0.85	350	69	890×710×965	
SF7.5-2/13		1.3	0.75				
SF11-2/7	11/15	0.7	1.9	380	70	1122×752×1082	1″
SF11-2/8		0.8	1.8				
SF11-2/10		1.0	1.6				
SF11-2/13		1.3	1.2				
SF15-2/7	15/20	0.7	2.6	410	70	1298×754×1082	1″
SF15-2/8		0.8	2.5				
SF15-2/10		1.0	2.15	450	70	1122×752×1082	
SF15-2/13		1.3	1.6				
SF18.5-2/7	18.5/25	0.7	3.2	500	71	1134×960×1442	1-1/4″
SF18.5-2/8		0.8	3.1				
SF18.5-2/10		1.0	2.7				
SF18.5-2/13		1.3	1.9				
SF22-2/7	22/30	0.7	3.8	510	72	1354×854×1182	1-1/4″
SF22-2/8		0.8	3.75				
SF22-2/10		1.0	3.2	560		1134×960×1442	
SF22-2/13		1.3	2.8				
SF30-2/7	30/40	0.7	5.2	630	73	1134×960×1442	1-1/2″
SF30-2/8		0.8	4.9				
SF30-2/10		1.0	4.3				
SF30-2/13		1.3	3.6				
SFB30E		0.5	6.7	950		1730×910×1680	
SF37-2/7	37/50	0.7	6.7	950	73	1653×1003×1343	1-1/2″
SF37-2/8		0.8	6.3				
SF37-2/10		1.0	5.7				
SF37-2/13		1.3	4.8				
SFG37E		0.5	7.5			1730×910×1680	

SF SERIES TECHNICAL PARAMETERS

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m^3/min)	Weight (kg)	Noise dB(A) ± 3	Overall Dimension (L×W×H mm)	Air Supply Out
SF45-2/7	45/60	0.7	7.8	990	74	1533×1003×1345	1-1/2″
SF45-2/8		0.8	7.5				
SF45-2/10		1.0	6.8			1653×1003×1343	
SF45-2/13		1.3	5.4				
SFA45E		0.5	11.1	1950		2000×1200×1800	2″
SFC55A	55/75	0.7	10.5	1950	75	2000×1200×1800	2″
SFC55B		1.0	8.4				
SFC55C		1.3	7.4				
SFC55D		0.8	9.8				
SFC55E		0.5	13.5				
SFC75A	75/100	0.7	13.5	2100	76	2000×1200×1800	2″
SFC75B		1.0	11.5				
SFC75C		1.3	9.5				
SFC75D		0.8	12.4				
SF90A	90/125	0.7	16.5	2200	77	2500×1400×1930	DN65
SF90B		1.0	13.7				
SF90C		1.3	11.5				
SF90D		0.8	16.2				
SF90E		0.5	20.0				
SF110A	110/150	0.7	20.0	2500	80	2500×1400×1930	DN65
SF110B		1.0	17.0				
SF110C		1.3	14.0				
SF110D		0.8	19.6				
SFA132A	132/180	0.7	23.5	2600	80	2500×1400×1930	DN65
SFA132B		1.0	20.5				
SFA132C		1.3	16.6				
SFA132D		0.8	22.5				

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m^3/min)	Weight (kg)	Noise dB(A) ± 3	Overall Dimension (L×W×H mm)	Air Supply Out
SF160A	160/220	0.7	28.5	2700	80	2500×1400×1930	DN65
SF160B		1.0	24.5				
SF160C		1.3	20.2				
SF160D		0.8	27.0				
SF185A	185/250	0.7	33.8	4500	82	3400×2000×2200	DN100
SF185B		1.0	27.5				
SF185C		1.3	22.5				
SF185D		0.8	31.5				
SF200A	200/270	0.7	36.4	4500	82	3400×2000×2200	DN100
SF200B		1.0	31.2				
SF200C		1.3	26.5				
SF200D		0.8	36.3				
SF220A	220/295	0.7	39.5	4500	82	3400×2000×2200	DN100
SF220B		1.0	33.6				
SF220C		1.3	28.6				
SF220D		0.8	39.0				
SF250A	250/340	0.7	43.5	6000	83	3400×2000×2200	DN100
SF250B		1.0	37.0				
SF250C		1.3	31.5				
SF250D		0.8	41.5				
SW280B	280/375	1.0	43.2	6000	83	3380×2000×2120	DN100
SW315A	315/430	0.7	56.0	6500	85	3850×2200×2250	DN100
SW315D		0.8	55.0				
SW355A	355/480	0.7	66.0	7800	85	4200×2200×2250	DN100
SW355D		0.8	65.0				

Note: 1. SF is air-cooled series and SW is water-cooled series SF-T is air-cooled variable frequency and SW-T is water-cooled variable frequency and SF-Y is portable series.
2. In addition to the table listed, can also provide other specifications model products.
3. Under Air supply outlet 2"(including 2") is threaded ,above 2-1/2"(including 2-1/2") is flange.
4. The above model is our standard model, the parameters are subject to change without notice, special exhaust pressure as required to receive orders.

Intelligent Control System

- Direct display: discharge temperature, discharge pressure, operating frequency, current, power, operating state
- Realtime monitoring of discharge temperature, discharge pressure, current, frequency fluctuations
- The Internet of things module is optional, the intelligent management system of cloud terminal, The operation status can be mastered in real time through mobile terminal, can achieve remote start and stop, remote on-line monitoring functions

Cntrol system

The Latest Generation High Efficient Permanent Motor

- Insulation grade F, protective grade IP54, to adapt to the worse environment
- Divided design, easy maintenance
- No gearbox design, motor and main rotor through the coupling directly connected, high transmission efficiency
- Independent cooling fan design, make the motor heat dissipation not affected by speed regulation
- Winding built-in PTC, to avoid motor high-temperature demagnetization
- Wide range of speed regulation, high precision, wide range of air flow regulation
- High temperature magnetic steel UH, temperature 180 ℃ without losing magnetic
- The efficiency of permanent magnet motor is higher 3%-5% than regular motor,efficiency is constant, when the speed drops, still remain the high efficiency

Permanent magnet motor

The Latest Generation Three in One Inverter

- Double variable frequency system and independent fan control:permanent magnet motor variable frequency +cooling fan variable frequency + independent fan control
- Constant pressure air supply: air supply pressure is accurately controlled within 0.01MPa
- Constant temperature gas supply: the general temperature is set at about 85℃, so that the oil lubrication effect is good while avoiding high temperature jumping
- No empty load, reduce energy consumption by 45%, eliminate excess pressure
- The range of variable frequency is 30%-100%, larger than general variable frequency
- Vector air supply, accurate calculation, to ensure that the air compressor production and customer system air demand at all times to maintain the same

Frequency converter

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m^3/min)	Weight (kg)	Noise dB(A)±3	Overall Dimension (L×W×H mm)	Air Supply Out
MP18.5-2/7	18.5/25	0.7	0.96-3.2	450	71	1354×854×1182	1-1/4"
MP18.5-2/10		1.0	0.81-2.7				
MP18.5-2/8		0.8	0.93-3.1				
MP22-2/7	22/30	0.7	1.14-3.8	510	71	1354×854×1182	1-1/4"
MP22-2/10		1.0	0.96-3.2				
MP22-2/8		0.8	1.13-3.75				
MP30-2/7	30/40	0.7	1.56-5.2	600	74	1354×854×1182	1-1/2"
MP30-2/10		1.0	1.29-4.3				
MP30-2/8		0.8	1.47-4.9				
MP30E		0.5	1.86-6.2	950		1730×910×1680	
MP37-2/7	37/50	0.7	2.01-6.7	950	74	1533×1003×1345	1-1/2"
MP37-2/10		1.0	1.71-5.7				
MP37-2/8		0.8	1.89-6.3				
MP37E		0.5	2.25-7.5	990		1730×910×1680	
MP45-2/7	45/60	0.7	2.34-7.8	990	74	1533×1003×1345	1-1/2"
MP45-2/10		1.0	2.04-6.8				
MP45-2/8		0.8	2.25-7.5				
MP45E		0.5	3.33-11.1	1900		2000×1200×1800	2"
MP55A	55/75	0.7	3.15-10.5	1900	76	2000×1200×1800	2"
MP55B		1.0	2.52-8.4				
MP55D		0.8	2.94-9.8				
MP55E		0.5	4.05-13.5	2000			

MP SERIES TECHNICAL PARAMETERS

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m^3/min)	Weight (kg)	Noise dB(A) ± 3	Overall Dimension (L×W×H mm)	Air Supply Out
MP75A	75/100	0.7	4.05-13.5	2000	76	2000×1200×1800	2"
MP75B		1.0	3.45-11.5				
MP75D		0.8	3.72-12.4				
MP90A	90/125	0.7	4.95-16.5	2200	77	2500×1400×1930	DN65
MP90B		1.0	4.11-13.7				
MP90C		1.3	3.45-11.5				
MP90D		0.8	4.86-16.2				
MP90E		0.5	6.0-20.0	2400			
MP110A	110/150	0.7	6.0-20.0	2500	80	2500×1400×1930	DN65
MP110B		1.0	5.1-17.0				
MP110C		1.3	4.2-14.0				
MP110D		0.8	5.88-19.6				
MP132A	132/180	0.7	7.05-23.5	2600	80	2500×1400×1930	DN65
MP132B		1.0	6.15-20.5				
MP132C		1.3	4.98-16.6				
MP132D		0.8	6.75-22.5				
MP160A	160/220	0.7	8.55-28.5	3500	85	2500×1400×1930	DN65
MP160B		1.0	7.35-24.5				
MP160D		0.8	8.1-27.0				

Note: 1. Under Air supply outlet 2"(including 2") is threaded ,above 2–1/2"(including 2–1/2") is flange.
2. "–2" refers to the second–generation permanent magnet inverter type, such as MP22–2/7 is 22kW, rated pressure 0.7MPa second–generation permanent magnet inverter.
3. Above model is our standard model, the parameters are variable without notice, and the special discharge pressure is ordered as required.