AUGUST

Compressors

MP SERIES

Screw Air Compressor

MP SERIES

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 online monitoring functions.

The Latest Generation High Efficient Permanent Magnet 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 connecte high transmission efficiency
- Independent cooling fan design, make the motor heat dissipation not affected b 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 magneti
- The efficiency of permanent magnet motor is higher 3 %- 5% than regular moto, efficiency is constant, when the speed drops, still remain the high efficiency

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

MP SERIES

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m^3/min)	W eight (kg)	Noise dB(A)±3	O verall D imension (L×W×H mm)	Air S upply O ut
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				
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				
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				
MP55/7	55/75	0.7	3.15-10.5	**1190**	76	**1840×1212×1780**	2"
MP55/10		1.0	2.52-8.4				
MP55/8		0.8	2.94-9.8				
MP75/7	75/100	0.7	4.05-13.5	**1260**	76	**1840×1212×1780**	2"
MP75/10		1.0	3.45-11.5				
MP75/8		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				

Model	Motor Power (KW/HP)	Discharge Pressure (MPa)	Free Air Delivery (m^3/min)	W eight (kg)	Noise dB(A)±3	Overall D imension (L×W×H mm)	Air Supply Out
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				
MP185A	185/250	0.7	10.14-33.8	**5500**	85	3794×2114×2080	DN100
MP185B		1.0	8.25-27.5				
MP185D		0.8	9.45-31.5				
MP200A	200/270	0.7	10.92-36.4	**5650**	85	3794×2114×2080	DN100
MP200B		1.0	9.36-31.2				
MP200D		0.8	10.89-36.3				
MP220A	220/295	0.7	11.85-39.5	6050	86	4066×2116×2080	DN125
MP220B		1.0	10.08-33.6				
MP220D		0.8	11.7-39.0				
MP250A	250/335	0.7	13.05-43.5	6150	86	4066×2116×2080	DN125
MP250B		1.0	11.1-37.0				
MP250D		0.8	12.45-41.5				

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.

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