

Medium-pressure permanent magnet variable frequency screw air compressor

Mainly used in small-volume and medium-pressure applications, such as laser cutting industry, PET bottle blowing industry, and medical industry and etc.. The blowing pressure range of the PET blowing industry generally ranges from 18 bar to 40 bar, and the medium and high pressure air is used to circulate to the blow molding machine to blow the test tube-shaped PET preforms instantly. From the point of view of production cost, the AULISS medium-pressure series air compressor is more economical in terms of acquisition cost and operating cost than the screw and piston pressurized unit.



Technical specification

Model	ALSM-15A/YC II	ALSM-22A/YC II	ALSM-30A/YC II	ALSM-37A/YC II	ALSM-45A/YC II
Air delivery(M ³ /min) /Discharge pressure(Mpa)	1.15/2.0 1.0/2.5 0.98/3.0	2.0/2.0 1.95/2.5 1.88/3.0	2.2/2.0 2.15/2.5 2.1/3.0	3.2/2.0 3.1/2.5 3.0/3.0	3.4/2.0 3.35/2.5 3.3/3.0
Power (kW)	15	22	30	37	45
Voltage	380V/50HZ				
Driven mode	Direct				
Lubricant volume (L)	10	12	12	18	18
Noise (dB(A))	64 ± 2	64 ± 2	64 ± 2	68 ± 2	68 ± 2
Starting mode	Variable frequency starting				
Overall dimension (L*W*H) (mm)	1050*770*1180	1140*810*1220	1140*810*1220	1280*960*1360	1280*960*1360
Weight (KG)	260	350	350	450	450
Outlet pipe diameter	RP3/4	RP3/4	RP3/4	RP1	RP1
Working environment temperature (°C)	-5°C ~ +45°C				
Exhaust temperature (°C)	≤ Ambient temperature + 20°C				
Oil content (PPM)	≤ 3PPM				
Rotary speed	3000				

Model	ALSM-55A/FYC II	ALSM-75A/FYC II	ALSM-90A/FYC II	ALSM-110A/FYC II	ALSM-132A/FYC II
Air delivery(M ³ /min) /Discharge pressure(Mpa)	6.2/2.0 6.0/2.5 5.5/3.0	8.65/2.0 7.0/2.5 6.6/3.0	11.0/2.0 9.5/2.5 8.0/3.0	13.5/2.0 11.2/2.5 9.6/3.0	15.9/2.0 14.0/2.5 13.0/3.0
Power (kW)	55	75	90	110	132
Voltage	380V/50HZ				
Driven mode	Direct				
Lubricant volume (L)	52	52	65	65	65
Noise (dB(A))	72 ± 2	72 ± 2	76 ± 2	76 ± 2	76 ± 2
Starting mode	Variable frequency starting				
Overall dimension (L*W*H) (mm)	1860*1310*1590	1860*1310*1590	2340*1510*1840	2340*1510*1840	2340*1510*1840
Weight (KG)	1100	1100	1600	1600	1600
Outlet pipe diameter	RP1 1/2	RP1 1/2	RP2	RP2	RP2
Working environment temperature (°C)	-5°C ~ +45°C				
Exhaust temperature (°C)	≤ Ambient temperature + 20°C				
Oil content (PPM)	≤ 3PPM				
Rotary speed	1500				

1. Auliss accepts customized orders for the special industries or needs
2. Special voltages such as 415V, 660V, 3KV, etc. are accepted for OEM and ODM customization
3. Auliss continuously researches and improves its products. If the technical parameters are changed, no further notice will be given