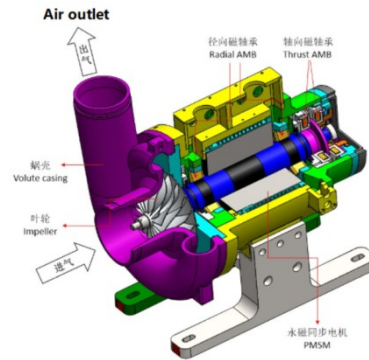


## Air turbo blower VS Magnetic turbo blower



ITEM	Air turbo blower	Magnetic turbo blower
Air volume regulation	65%-100%	30%-100%
Speed regulation	40%-100%	0-100%
Bearing type	Air suspension bearing	Magnetic suspension bearing
Service life of the bearing	10 years (from the 3 to 5 year, the fault rate began to increase)	20 years
Space between rotor and bearing	Too small, just 10 μm	Appropriate, 400-600 μm,
Air quality demand	Environment demand is high if dust sticks on the surface of the bearing or on the surface of the rotor, it will disturb the fluid balance, the motor is sensible and easy to be burned out	Not sensible to the environment of the surrounding
Impact resistance	Motor Sensible to be burned out	High resistance to the impact
Wearing parts	Core parts, motor and bearing	No wearing parts
Machine Service life	10 years (from the 3 <sup>rd</sup> to 5 <sup>th</sup> year, the fault rate began to increase)	20 years
Requirement for operators	High, the program is complicated	Low, the program is simple



**บริษัท สยาม อินดัสเทรียล แมชชีนเนอรี จำกัด**  
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