

Model :PMG-C11**Capacity FAD (at state pressure) & SPC**

Pressure	FAD (m3/min)	CFM	Input Power (kw)	Specific Input power consumption (kw/m3/min)	Air-end speed (rpm)
7 bar	1.22	43	9.29	7.61	3300
8 bar	1.2	42	9.58	7.99	3200
10 bar	1.05	37	10	9.52	2950

General Operating

Max. Operating ambient temperature	40 Deg.c
Nominal Power	7.5 kw
Sound level at 1.5 meter distance	66 dB(a)
Full load target pressure (Max.)	10 bar
Full load target pressure (Min.)	5 bar
Max. Operating pressure	10.5 bar
Min. Operating pressure	5 bar

Lubrication

Oil quantity	6 liters
Oil quantity for top up	liters
Oil-carry over (ppm)	3 ppm
Max. Air temperature above Ambient temp.	14 Deg.c

Main motor

Model	SAVS238D-7.5KW-XR
Cooling method	Oil-cooled
Efficiency at full load	92.1%
No. of pole	6 pole
Insulation Class	F class
Protection	PTC 130
Operation duty	S1
Certification	CE + EMC
Service factor	1.2
Max. Permissible ampere under overload 120%	15.9 amps
Motor enclosure	IP65

Fan motor

Fan flow rate (m3/hr) at 1,500 rpm	2280 m3/hr
Fan motor speed	1,500 rpm
Max. Permissible fan speed (Adjust by inveter)	1,800 rpm
Standard fan motor thermostatic temperature (On / Off)	88 Deg.c / 75 Deg.c
Rated motor power cooling fan	129 watt
Voltage	380 volt

Electricity

Package Max. input Power at Full load (include fan) @ 10bar	9.75kw
Package absorbed current	16.57 amps

Motor Driver (Inverter)

Power factor	0.85
Efficiency	97%

Protection

Max. Air & Oil temperature	110 Deg.C
Pre-alarm Air & Oil temperature	105 Deg.C
Motor Overload	15.9 amps
Safety valve setting pressure	11 bar

Construction General

Package dimension (L x W x H) mm	910 * 640 * 795
Shipping Weight	148kg
Discharge air connection	G3/4"
Condensate water drain connection	G1/4"
Electrical power cable gole dimension	PG4