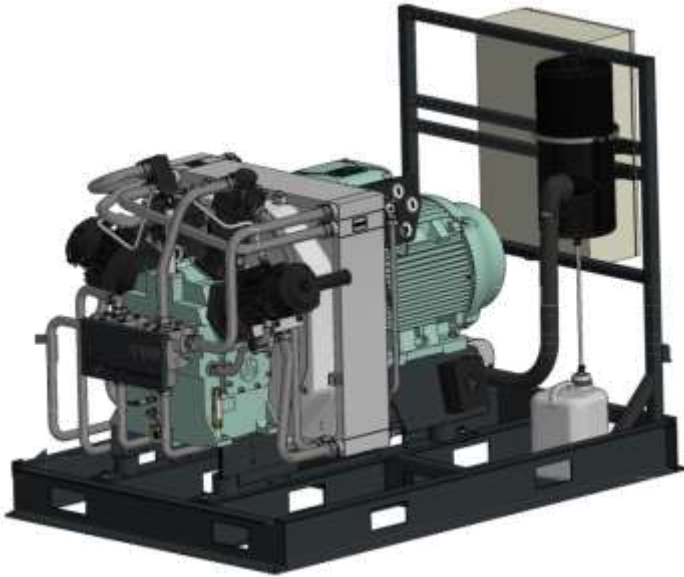


WP323LM DATA SHEET



WP323LM Data Sheet					
		Imperial System		Metric System	
Operating Pressure	Speed	UNITS	Speed	UNITS	
	1170 RPM (60 Hz)		1170 RPM (60 Hz)		
290 PSIG 20 Bar	256	SCFM	435	m ³ /h	
	114	HP	85	kW	
435 PSIG 30 Bar	247	SCFM	420	m ³ /h	
	125	HP	93	kW	
640 PSIG 40 Bar	245	SCFM	416.5	m ³ /h	
	130	HP	97	kW	
Technical Specifications	Motor rating	140	HP	104	kW
	Current @ 575 Volts	134	Amps	134	Amps
	Current @ 460 Volts	167	Amps	167	Amps
	Heat dissipation	355,000	Btu/hr	109	kJ/s
	Cooling air needed	13,500	CFM	22,880	m ³ /h
	Residual oil content at gas outlet (without filtration)	<5	mg/m ³	<5	mg/m ³
	Delta temperature (gas outlet vs. ambient)	27	°F	15	°C
	Operational ambient temperature range	40-130	°F	0-55	°C
	Operating pressure range	200-640	psig	14-44	bar
	Oil sump capacity	26.5	Quarts	24	liter
	Cooling method	Air-Cooled		Air-Cooled	
	Drive type	Direct Drive		Direct Drive	
Stages/Cylinders	3/4		3/4		
* All data is with 5% tolerance and is related to ambient conditions of 68° F (20° C) and 14.7 PSIA (1 Bar).					

This is a personalized quote. Your quoted package may vary from image shown.

Package Includes:

- Air intake and silencing filter
- Intercoolers and aftercooler
- Oil and water separators after the 1st, 2nd, and 3rd stages
- Safety valve after each stage
- 1st, 2nd, and 3rd stage pressure gauges
- Solenoid valves (115 V / 60 Hz) for automatic drainage of the separators
- Unloaded starting relief and automatic condensate drain system
- Condensate demister to easily dispose of condensate drainage
- Assembly of compressor and electric motor
- Resilient mounts including drainage hoses and air/gas outlet hose
- 460/3/60 electric motor with IP 55 (TEFC) protection
- Non-return valve mounted to air/gas outlet hose
- Low oil pressure shutdown switch
- High air/gas temperature shutdown switch mounted at the air/gas outlet of the compressor
- Compressor control system (including motor starter) for starting/stopping the compressor, and monitoring the oil level, air/gas outlet temperature and outlet pressure of the compressor per UL508A
- Complete package wired and mounted on a skid
- Air/gas pressure sensor for automatic start/stop (supplied loose)

Standard warranty is 15 months from date of shipment or 12 months after initial installation and start-up, whichever comes first. Ask your Sauer representative if your project requires an extended or alternative warranty period.

Optional equipment:

- Final receiver packages with the necessary components supplied
- Diesel motor driven
- Modified for 50 Hz power supply
- Modified for gas compression and higher inlet pressures (>4.5 psig)
- Customized controls for user specified monitoring and operation
- Final air/gas filtration with varying levels of air/gas quality
- Sound dampening canopy
- Weather resistant canopy
- Complete package rated for installation in a hazardous location (Class 1 Division 2, or Class 1 Division 1)

Sauer Compressors custom engineers solutions for our customers. Please inquire about options you may require which are not listed.