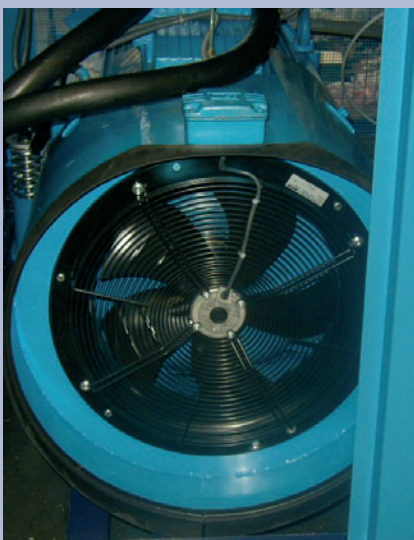


Technical Specifications L160RS to L250RS

LRS frequency inverter variable speed drive



Frequency inverter soft starting offers reduced lifetime costs with improved reliability and ease of maintenance.



AC drive motor, TEFC IP55, 4-pole, with separate fan ensures full cooling at all operating conditions. Low thermal motor load, insulation class F, insulated bearings

Oil Injected High Performance Rotary Screw Compressor

This compact modular design with frequency inverter is an extension to our popular fixed speed L- Series compressor range

- Delcos 3100RS enhanced microprocessor control and monitoring system
- Easy installation
- Small foot print
- Ready for plug and go
- Full access for service
- Voltage 380V to 460V, 50Hz and 60Hz
- Variant 460V/60Hz model UL compliant

The variable speed AC drive system enables the compressor to match the varying demands of compressed air ensuring to use just the energy you need – no more.

The CompAir screw air end together with the frequency inverter provide considerable energy savings and high efficiency at part load at an optimized constant low pressure. Unnecessary idle running is eliminated.

Constant working pressure of the compressed air supply improves your manufacturing processes.

Options:

Water cooling.

Automatic circuit breaker.

Other options same as fixed speed compressor.

Intelligent Air Technology

Screw Compressor variable speed L160RS to L250RS

Technical Data

Model	Motor Rating	Compressed Air Output*		Male rotor speed		Noise level**	Weight
		Min.	Max.	Min.	Max.	Max.	
	kW	m ³ /min		min ⁻¹		dB(A)	kg
L160-7.5RSA	160	9.88	27.55	650	1765	81	4535
L200-7.5RSA	200	9.64	35.50	650	2205	82	4910
L250-7.5RSA	250	10.30	41.40	650	2630	82	5380
Working pressure	bar g	min. 5 to max. 7.5/10/13					
Ambient temperature	°C	1 to 45					

* Data measured and stated in accordance with ISO1217 Annex C and Pneurop/Cagi PN2CPTC2 and at the following conditions:

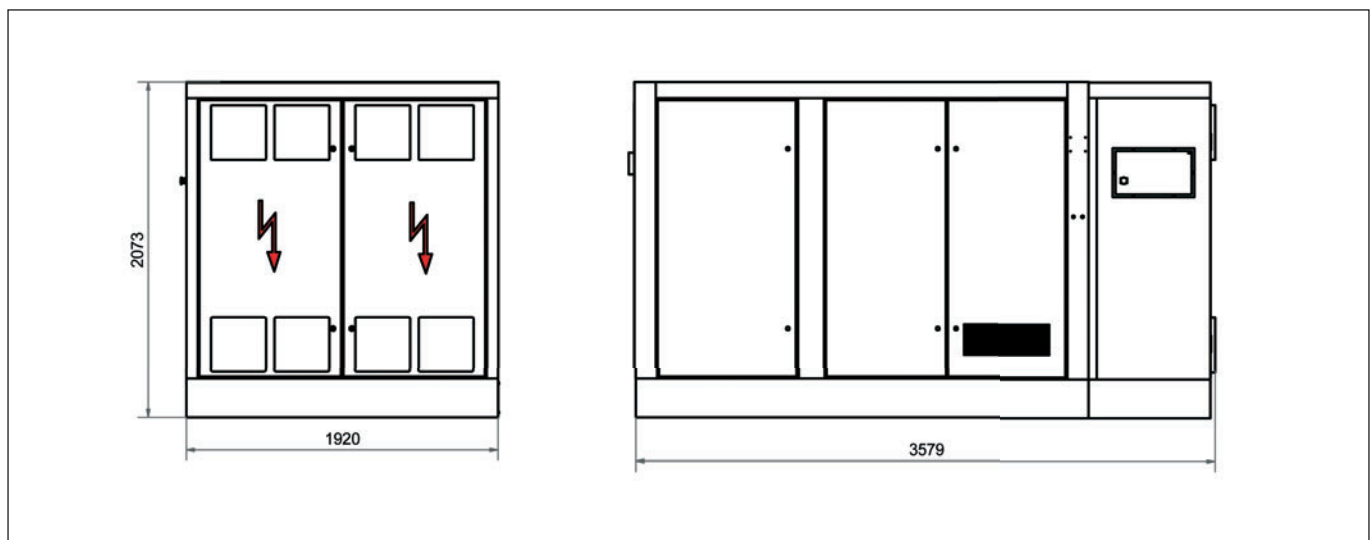
Air Intake Pressure 1 bar a / 14.5 psia

Air Intake Temperature 20 °C

Humidity 0% (dry)

** Measured in free field conditions in accordance with the Pneurop/Cagi PN8TNC2.2 test code, +/- 3 dB.

Option: Super Silencer less 4 dB(A)



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CompAir Policy is one of continuous improvement and we therefore reserve the right to alter specification and prices without prior notice. All products are sold subject to the Company's conditions of sale.

Ref No. L160RS-L250RS GB/B&N/0705

