



30-40 HP FIXED SPEED ROTARY SCREW COMPRESSORS

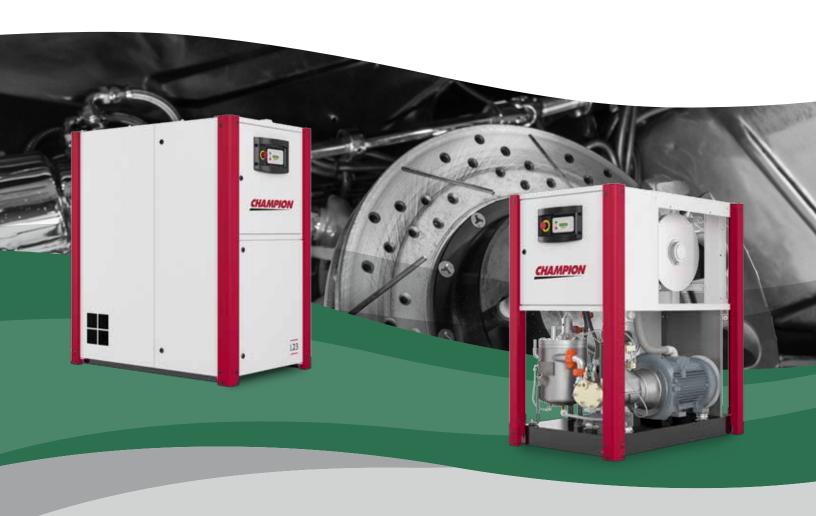
L-Series

Advanced Technology. Inspired Simplicity.

L-Series compressors from Champion feature more than just the latest compressor technology. They contain the cleanest, simplest, most intuitive machine layouts on the market. Equipped with standard TEFC main motors, wye-delta starters, Pilot™ microprocessor controllers and quiet enclosures, an L-Series unit from Champion is the optimal solution when a feature-rich, simple-to-operate compressor is required.

First Class Serviceability

The L-Series units set a new standard in serviceability. By utilizing integrated airend design techniques, Champion delivers unprecedented access to service and routine maintenance items. At the same time, the compact design eliminates unneeded connections and minimizes piping; reducing the opportunity for leaks. Couple these features with an intuitive controller and you have a world class small horsepower compressor package.



L23-L29 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 Hz				60 Hz							
			NOMINAL PRESSURE		FAD¹		NOMINAL PRESSURE		FAD¹		NOISE LEVEL ² WEI		IGHT	DIMENSIONS L × W × H
	HP	KW	PSIG	BAR	ACFM	M³/MIN	PSIG	BAR	ACFM	M³/MIN	DB(A)	LBS	KG	IN. (MM)
L23	30	22	110 145 190	7.5 10.0 13.0	146.8 121.8 105.2	4.16 3.45 2.98	100 125 190	6.9 8.6 13.0	148.7 129.6 106.5	4.21 3.67 3.02	68	1433	650	53 × 35 × 64 (1346 × 889 × 1626)
L26	35	26	110 145 190	7.5 10.0 13.0	170.9 145.8 121.4	4.84 4.13 3.44	100 125 190	6.9 8.6 13.0	172.8 148.1 128.5	4.90 4.20 3.64	69	1493	677	
L29	40	30	110 145 190	7.5 10.0 13.0	194.9 169.8 145.4	5.52 4.81 4.12	100 125 190	6.9 8.6 13.0	193.1 176.6 147.4	5.47 5.00 4.18	71	1501	681	

¹⁾ Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions: Air Intake Pressure 1 bar A, Air Intake Temperature 20° C, Humidity 0% (Dry)

L-Series Features (30-40 HP)

- Direct-gear drive, oil flooded, single stage rotary screw air compressor
- RotorLube 4000 lubricant
- Air-cooled only
- Air supply piping includes hard pipe design with Viton Victaulic couplings
- CRN and ASME rated aftercooler
- UL labeled electronics (including C-UL-US open industrial control panel)

- Pilot™ microprocessor controller
- Integrated spin-on oil filter
- Integrated thermostatic thermal mixing valve
- IP54 electrical enclosure
- Load/no load control and timed shutdown
- Moisture separator (shipped loose)
- Mounted and wired wye-delta starter

- Quiet enclosure
- Second pressure band control for lead/lag operation
- TEFC main motor
- Two-stage air filter and air/oil separation system
- Voltage: 200 / 230 / 460 / 575V(3 phase only)





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²⁾ Measured in free field conditions in accordance with ISO 2151, tolerance \pm 4–3 dB