

3-stage air-cooled medium-

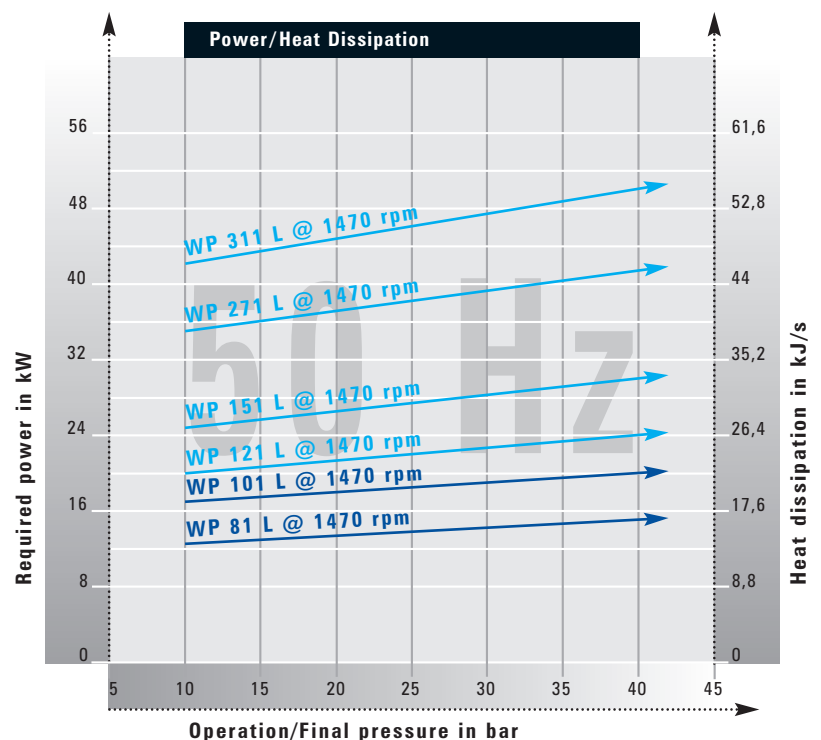
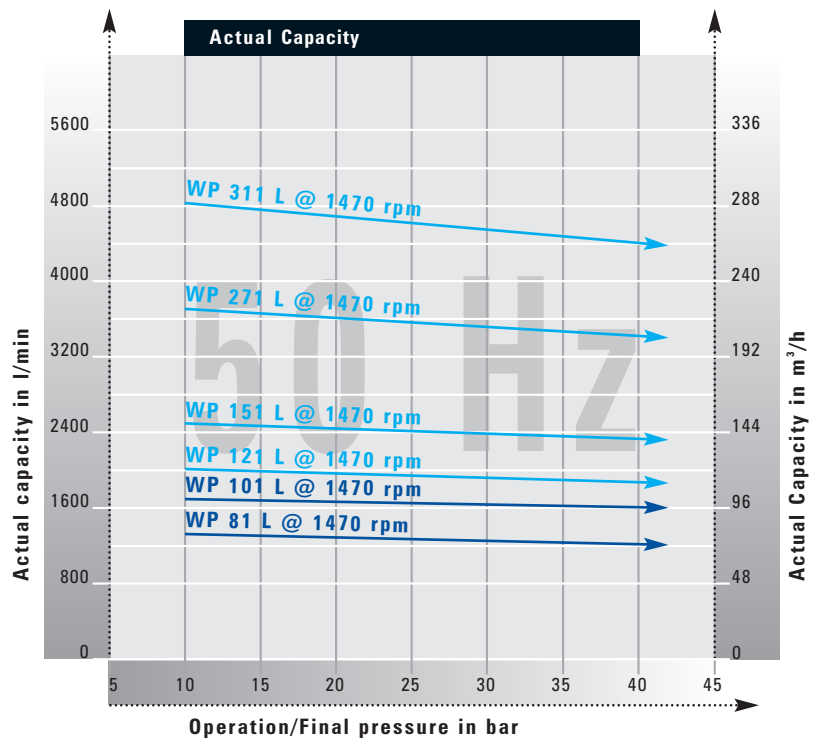
A tried-and-tested long-distance runner: tough, low-maintenance and proven worldwide

To be able to meet customer's demands for particularly low-maintenance compressors, Sauer, in conjunction with well-known partners successfully developed a series of 3-stage air-cooled compressors at the beginning of the 1970s.

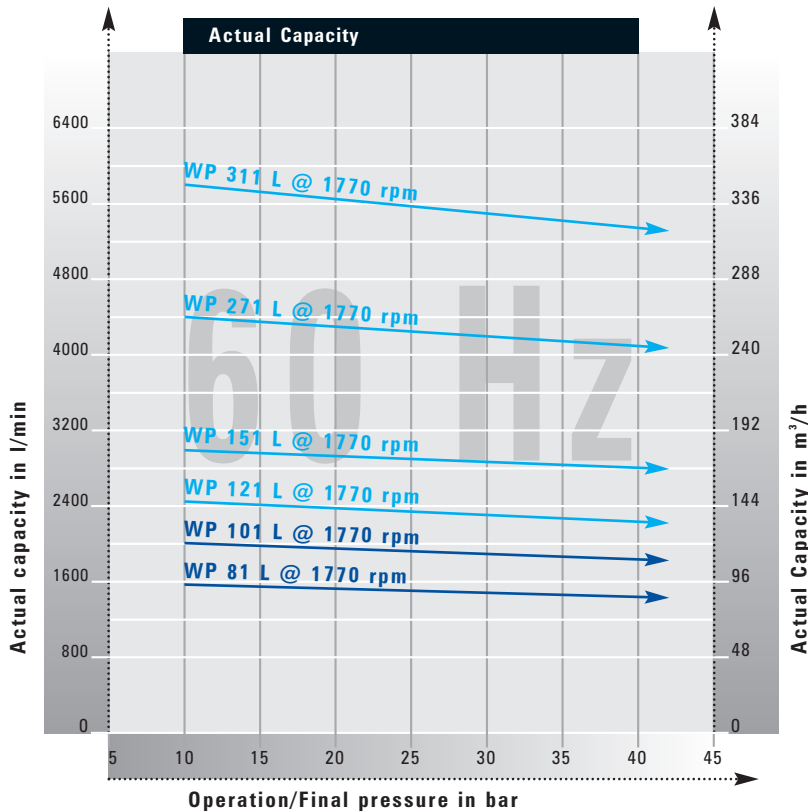
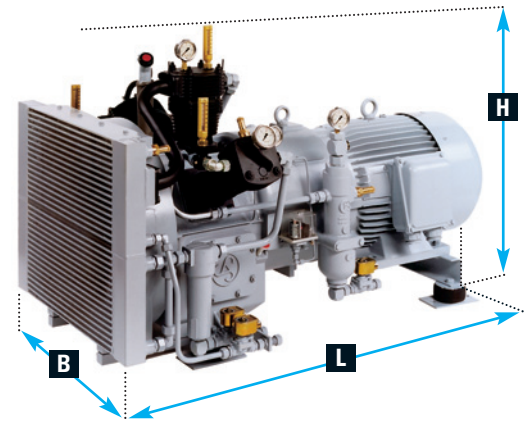
Through the division of compression into three stages, these designs demonstrate exceptional endurance even under very difficult operating conditions. We have delivered over 4,000 of these compressors to our customers all over the world for a wide range of applications – you too can benefit from our experience.

Standard Equipment		
	WP 81 L WP 101 L	WP 121 L WP 151 L WP 271 L WP 311 L
High performance axial flow fan	✓	✓
Inter- and after-cooler	✓	✓
Safety valve for each stage	✓	✓
Stage- and final pressure gauge	✓	✓
Compressed air thermometer for each stage	✓	✓
Oil dipstick/Oil sight glass	✓	✓
Oil pressure lubrication	✓	✓
Oil pressure monitor	✓	✓
Temperature monitor	✓	✓
Attached oil- and water separator after the final stage	✓	✓
Interstage separator	✓	✓
Starting relief integrated with in condensate auto-drain system (unloaded start)	✓	✓
Resilient mounts inc. all necessary hoses for final air pressure outlet and compressor drainage	✓	✓
Non-return valve	✓	✓
Direct driven via flexible coupling	✓	✓
Three-phase electric motor	✓	✓

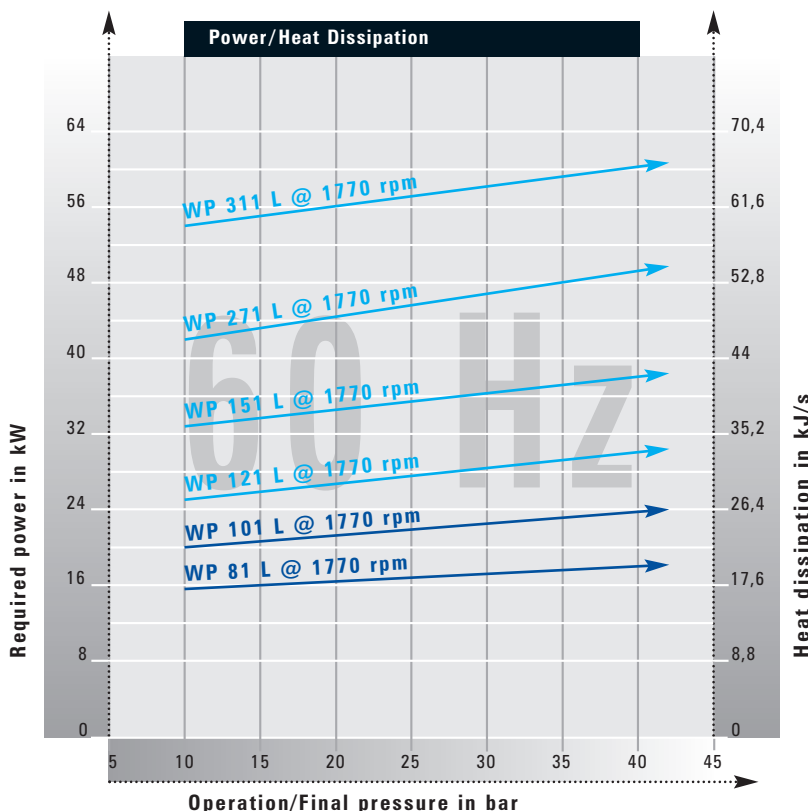
On request available/optional		
	WP 81 L WP 101 L	WP 121 L WP 151 L WP 271 L WP 311 L
Fully automated control and monitoring	✓	✓
Sound-proof canopy	✓	✓
Dryer (Adsorption/Refrigeration dryer)	✓	✓
Final air quality	✓	✓
Reducing valves and reducing stations	✓	✓
Driven by diesel engine	✓	✓
Design in accordance with ATEX regulations	✓	✓



Design Data						
Ambient temperature max.: 60°C Duty cycle time: continuous	WP 81 L	WP 101 L	WP 121 L	WP 151 L	WP 271 L	WP 311 L
Max. operation pressure (bar)	44	44	44	44	44	44
Max. speed (rpm)	2000	2000	2000	2000	2000	2000
Stages	3	3	3	3	3	3
Cylinder	3	3	3	3	4	4



Weight (kg) and Dimensions (mm)						
	WP 81 L	WP 101 L	WP 121 L	WP 151 L	WP 271 L	WP 311 L
kg	415	430	655	700	940	1075
L	1345	1385	1565	1575	1765	1835
B	945	945	960	960	1070	1070
H	900	900	955	955	1100	1100



At your request, we will send you a detailed, individual offer as quickly as we can!
E-mail to: sales@sauersohn.de

All technical data is valid for the compression of air in accordance with ISO 1217 with ±5% tolerance. All Sauer compressors can additionally be supplied in special versions for the compression of neutral gases such as helium, nitrogen, argon or flammable gases such as hydrogen or natural gas.

Should you need further technical data or information on the compressor or the available options we supply, such as control units, dryers, filters, sound-proof canopies or compressed-air tanks, we will prepare an individual offer for you as quickly as we can.

We are happy to assist with advice in the development of customised special solutions for the drive system (special-voltage, hydraulic or diesel motors), gas explosion-proof versions or for any special applications.