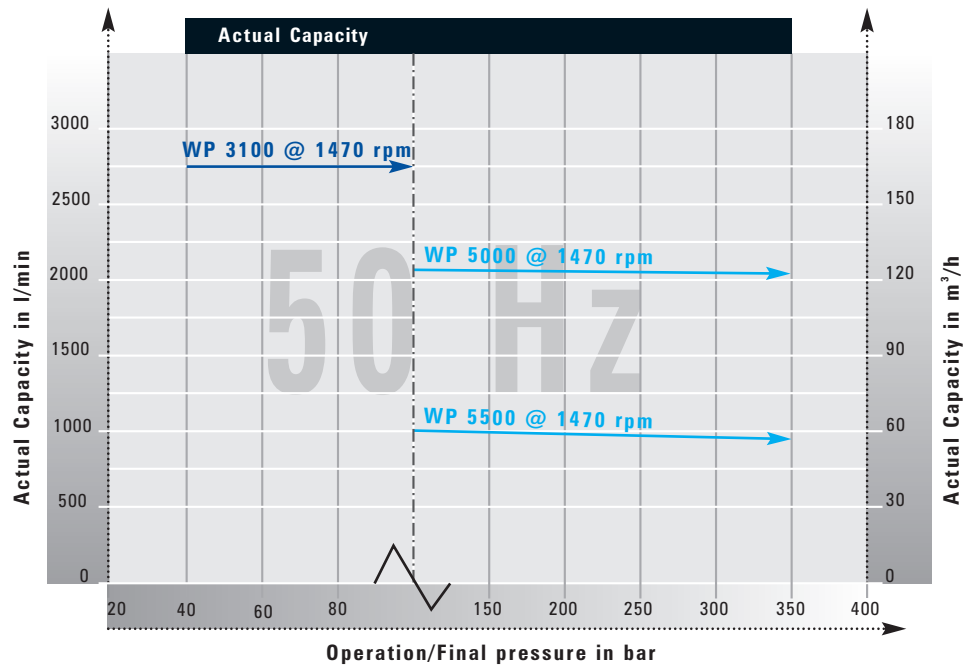


# 4-stage water-cooled high-

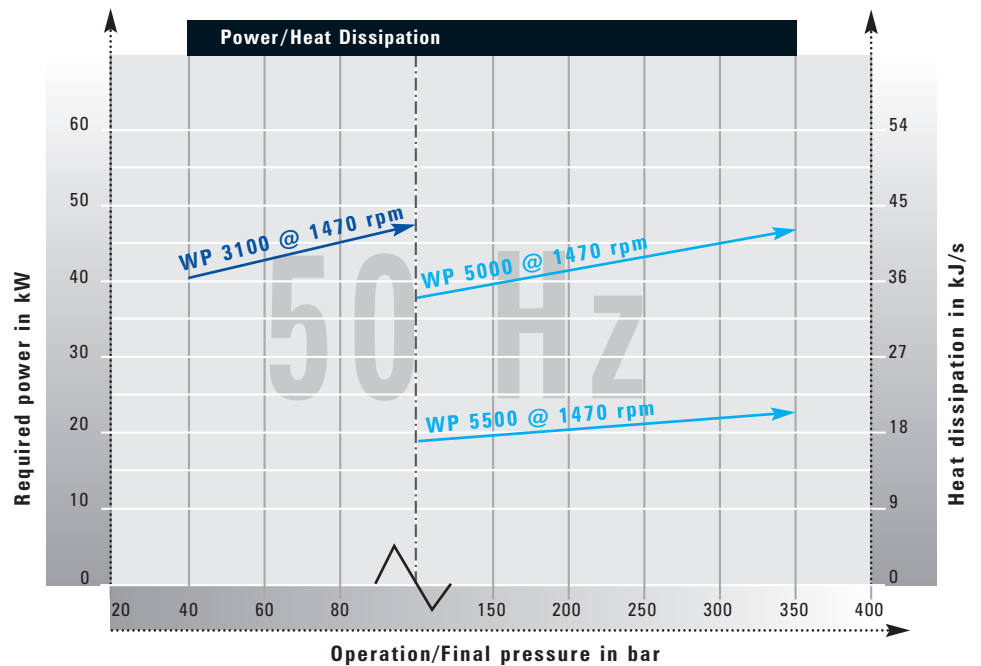
## Technically refined solutions for the toughest requirements

Water-cooled high-pressure compressors have proven themselves in exceptionally tough applications, such as submarines and aircraft carriers. They are the safe choice for all applications in which air-cooled compressors are impractical. For your special requirements, you can depend on the advantages of this high-performance, extremely robust series.

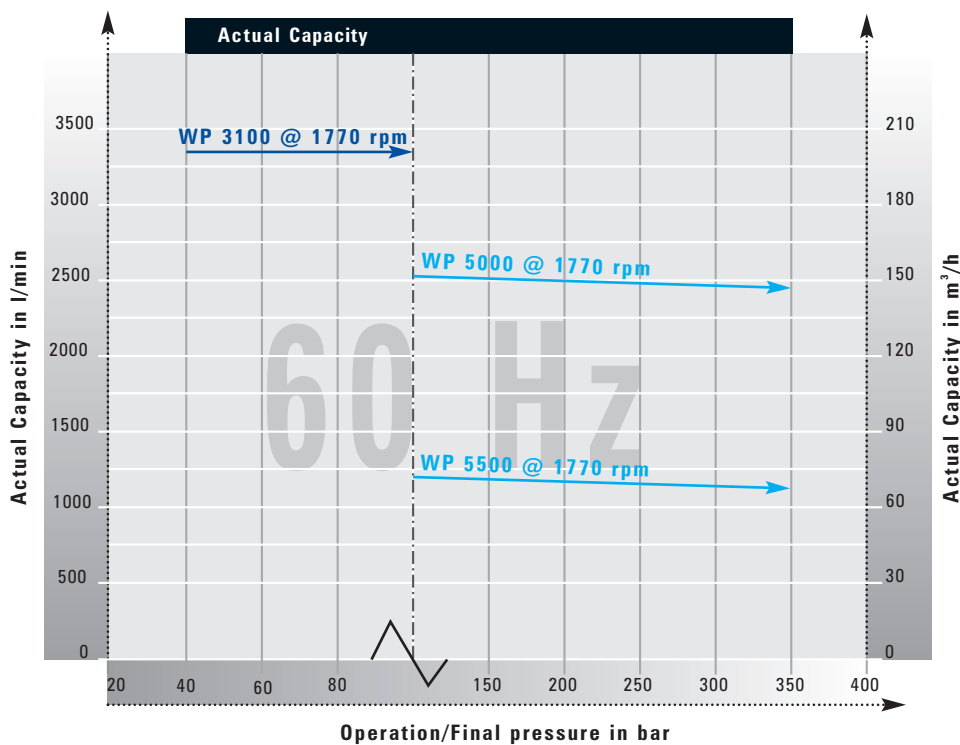
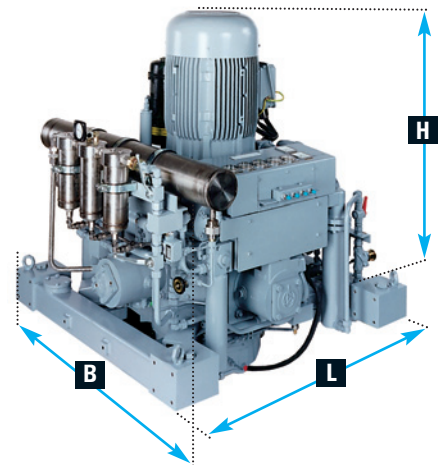
Standard Equipment	WP 3100	WP 5000 WP 5500
Inter- and after-cooler	✓	✓
Safety valve for each stage	✓	✓
Stage- and final pressure gauge	✓	✓
Compressed air thermometer	✓	✓
CW thermometer	✓	✓
Oil dipstick	✓	✓
Oil pressure lubrication	✓	✓
Temperature monitor	✓	✓
Attached oil- and water separator after the final stage	✓	✓
Interstage separator	✓	✓
Starting relief integrated with in condensate auto-drain system (unloaded start)	✓	✓
Resilient mounts inc. all necessary hose for the air pressure outlet, drainage and cooling water	✓	✓
Non-return valve	✓	✓
Direct driven via flexible coupling	✓	✓
Three-phase electric motor	✓	✓



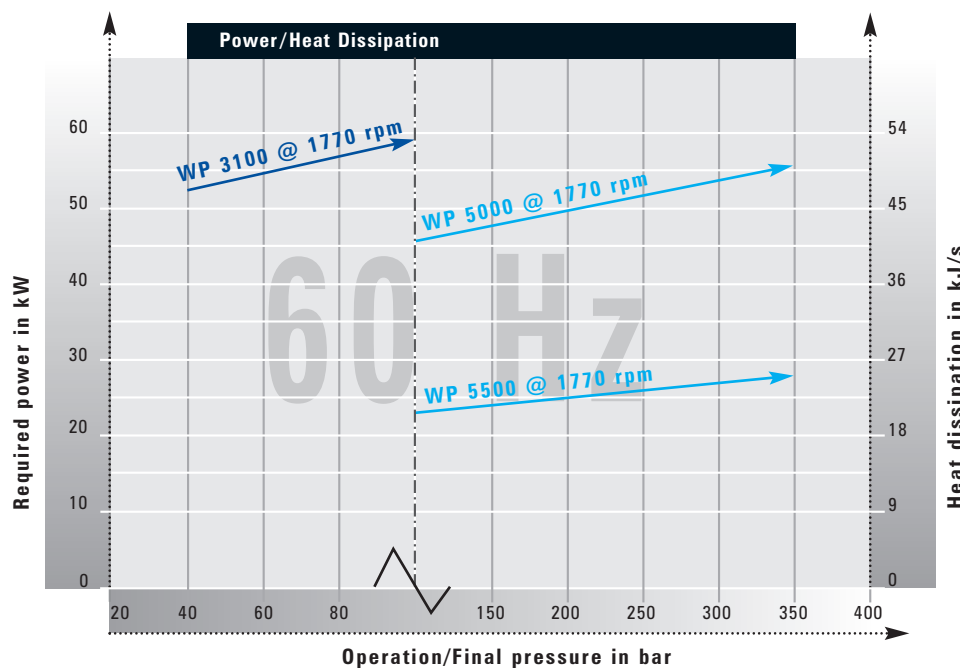
On request available/optional	WP 3100	WP 5000 WP 5500
Fully automated control and monitoring	✓	✓
Sound-proof canopy	✓	✓
Dryer (Adsorption/ Refrigeration dryer)	✓	✓
Final air quality	✓	✓
Reducing valves and reducing stations	✓	✓
Driven by diesel engine	✓	✓
Design in accordance with ATEX regulations	✓	✓
Attached CW-pump	✓	✓
Automatic CW-control	✓	✓



Design Data			
Ambient temperature max.: 60°C Duty cycle time: continuous	WP 3100	WP 5000	WP 5500
Max. operation pressure (bar)	100	350	350
Max. speed (rpm)	1800	2000	2000
Stages	3	4	4
Cylinder	3	4	4



Weight (kg) and Dimensions (mm)			
	WP 3100	WP 5000	WP 5500
kg	1350	1650	930
L	1800	1215	970
B	1180	1095	810
H	800	1570	1325



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

All technical data is valid for the compression of air in accordance with ISO 1217 with  $\pm 5\%$  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.