

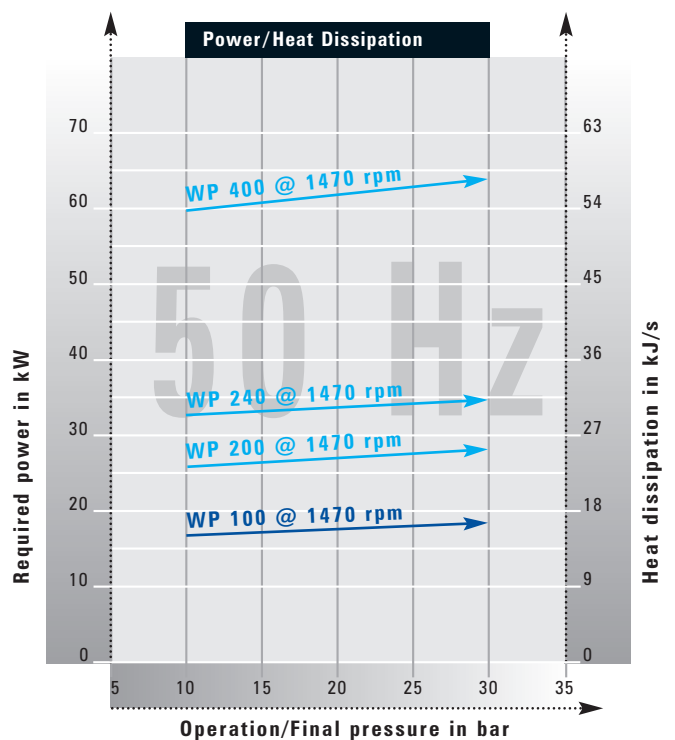
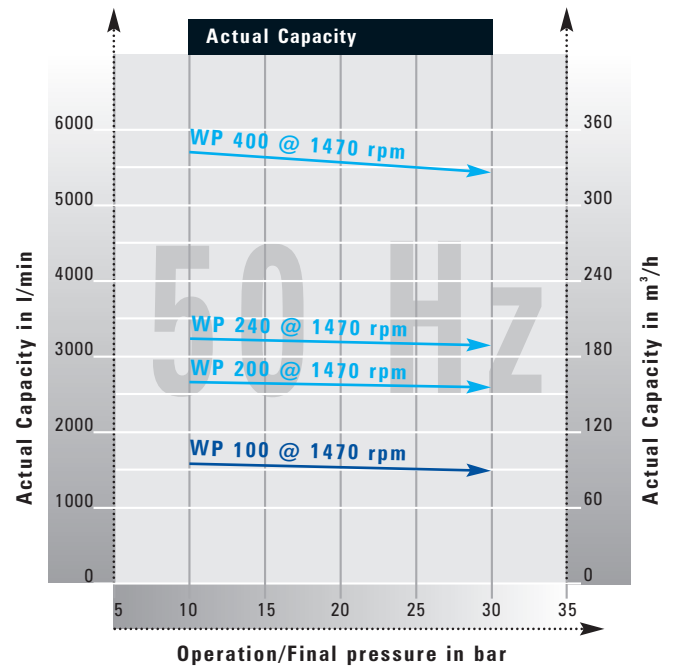
# 2-stage water-cooled medium-

## The alternative to air-cooled compressors

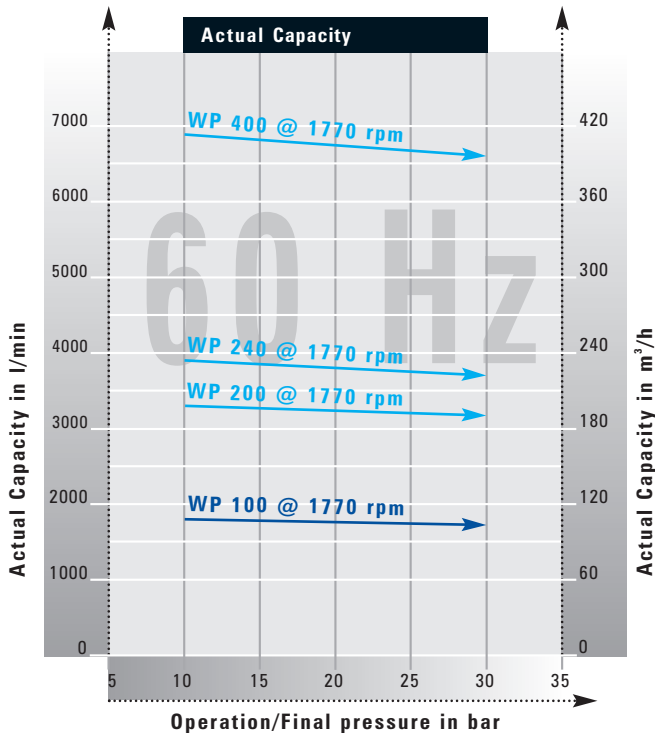
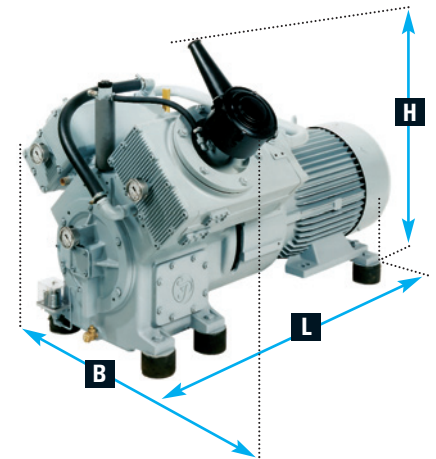
Our know-how in the design and construction of water-cooled compressors, gained over 75 years in supplying dockyards and shipping company's worldwide, has meant we can offer a series of highly competitive alternatives for use where air-cooled compressors cannot be used. Enjoy the benefits of robust water-cooled compressors for your application: low noise, no need for cooling air and much less heat release to the environment.

Standard Equipment			
	WP 100	WP 200 WP 240	WP 400
Inter- and after-cooler	✓	✓	✓
Safety valve for each stage	✓	✓	✓
Stage- and final pressure gauge	✓	✓	✓
Compressed air thermometer	✓	✓	✓
CW thermometer	✓	✓	✓
Oil dipstick	✓	✓	✓
Splash lubrication	✓		
Oil pressure lubrication		✓	✓
Attached oil- and water separator after the final stage	✓	✓	✓
Oil pressure monitor	✓	✓	✓
Temperature monitor	✓	✓	✓
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	✓	✓	✓

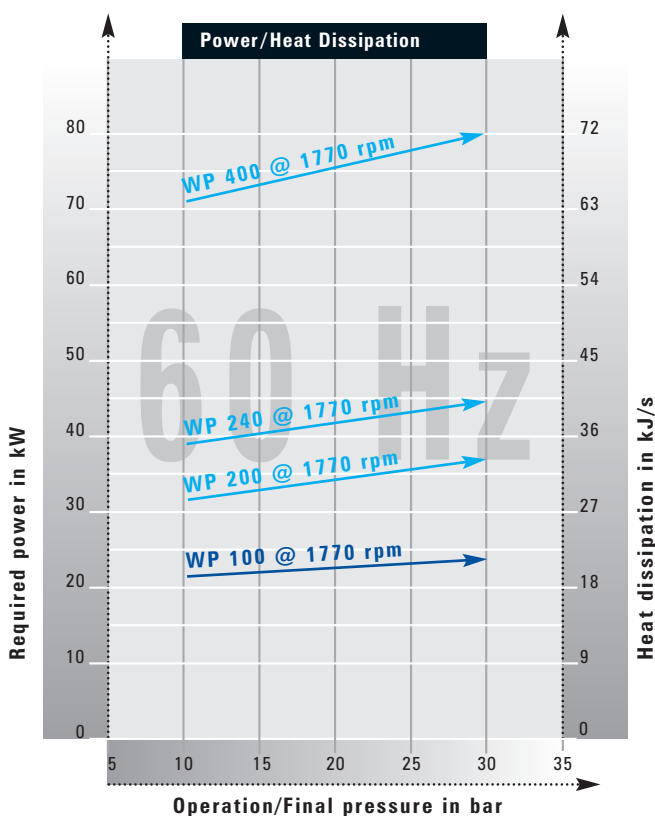
On request available/optional			
	WP 100	WP 200 WP 240	WP 400
Fully automated control and monitoring	✓	✓	✓
Sound-proof canopy	✓	✓	✓
Dryer (Adsorption/ Refrigeration dryer)	✓	✓	✓
Final air quality	✓	✓	✓
Reducing valves and reducing stations	✓	✓	✓
Driven by diesel engine	✓	✓	✓
Design in accordance with ATEX regulations	✓	✓	✓
Attached CW-pump	✓	✓	✓
Automatic CW-control	✓	✓	✓



Design Data				
Ambient temperature max.: 60°C				
Duty cycle time: continuous				
	WP 100	WP 200	WP 240	WP 400
Max. operation pressure (bar)	30	30	30	30
Max. speed (rpm)	1800	1800	1800	1800
Stages	2	2	2	2
Cylinder	2	2	2	3



Weight (kg) and Dimensions (mm)				
	WP 100	WP 200	WP 240	WP 400
kg	500	800	850	1350
L	1340	1495	1535	1810
B	700	1025	1025	1165
H	850	885	885	1090



- ▶ 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.