



## 2-stage water-cooled starting-air compressors

### Sauer Compressors for Shipping

**Towards the middle** of the 90s, Sauer & Sohn developed a new range of water-cooled compressors for traditional use in shipping. With the cylinders arranged in V-shape and advanced competitive design features, we are able to offer a range of low maintenance and reliable water-cooled units.

The 2-stage water-cooled starting air compressors produced by Sauer & Sohn are part of an international shipbuilding standard. More than a thousand of these dependable compressors are delivered to our customers every year.

If you require references, please do not hesitate to contact us at [sales@sauersohn.de](mailto:sales@sauersohn.de)

Sauer – dependable compressors.

## Technical Data

2-stage water-cooled starting air compressors													
Type	Final pressure max. bar	Stages	Cylinder	Speed rpm	Technical Data for a final pressure of 30 bar				Dimensions				
					Charging Capacity m <sup>3</sup> /h	Power consumption kW	CW-Requirement l/min	Weight kg	Length mm	Width mm	Height mm		
WP 100	30	2	2	1170	82	15,9	23	500	1340	700	850		
				1470	101	19,5	29						
				1770	122	23,6	35						
WP 200	30	2	2	1170	142	26,0	35	770	1459	1025	886		
				1470	178	33,7	49					800	1695
				1770	206	39,6	57					800	1695
WP 240	30	2	2	1170	172	32,1	47	850	1535	1025	886		
				1470	207	40,9	60						
				1770	250	48,8	69						
WP 400	30	2	3	1170	306	52,2	69	1350	1810	1165	1095		
				1470	380	72,5	100						
				1770	457	81,5	116						

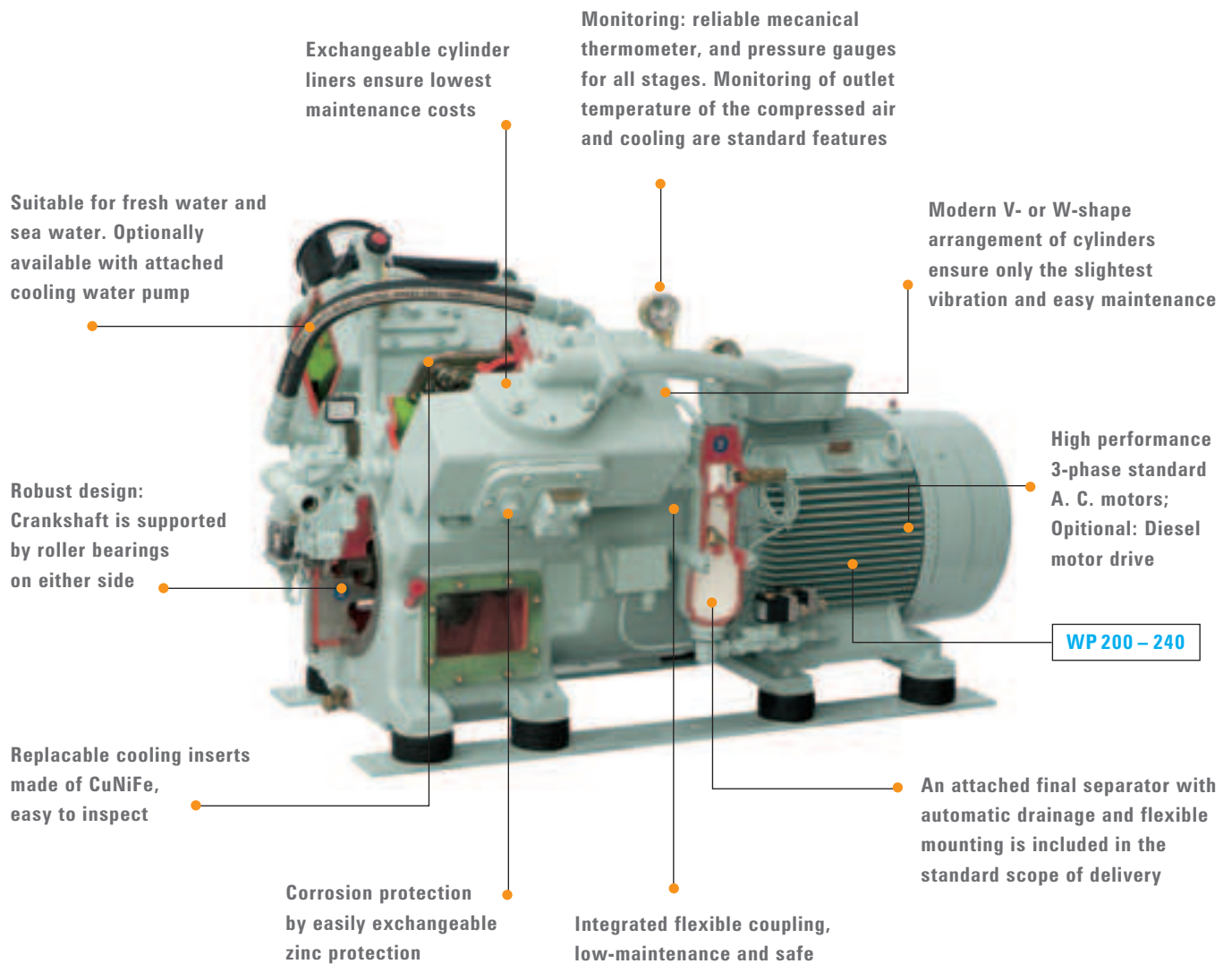
Performance data with 5% tolerance, referred to 20° C and an air pressure of 1013 mbar.

Charging Capacity according to shipbuilding regulations.

Performance data on final pressure deviating from 30 bar upon request.

Weights and dimensions for standard units with three-phase A. C. motor, IP 54, and flexible mounting.

Cooling water requirement referred to a  $\Delta t = 10 K$



### General advantages

- Low vibration
- Exchangeable cylinder liner
- Exchangeable cooler inserts
- Short stroke machine for compact dimensions and low vibrations
- Pressure oil lubrication for WP 200, WP 240 and WP 400
- Easy access to all maintenance and operation points