



2-stage air-cooled starting-air compressors

Sauer Compressors for Shipping

Today, the principle of air cooling is an international shipbuilding standard when lower capacity starting air compressors are concerned. Back in the 50s, Sauer had already started the development of air-cooled compressors in this capacity range as an alternative to water-cooled units which are high maintenance and more prone to failure.

Today, Sauer & Sohn's air-cooled starting air compressors are among the most modern and low maintenance compressors available worldwide. 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

Sauer – dependable compressors.

Technical Data

2-stage air-cooled starting-air compressors											
Type	Final pressure max. bar	Stages	Cylinder	Speed rpm	Technical Data for a final pressure of 30 bar			Weight kg	Dimensions		
					Charging Capacity m ³ /h	Power consumption kW	Heat Dissipation kJ/sec		Length mm	Width mm	Height mm
WP 15 L	40	2	2	1170	13,0	2,7	5	135	856	600	635
				1470	16,5	3,4	5				
				1770	20,0	4,1	6				
WP 22 L	40	2	2	1170	17,5	3,5	5	135	856	600	635
				1470	22,0	4,4	7				
				1770	26,0	5,4	8				
WP 33 L	35	2	2	1170	26,0	5,1	6	145	890	600	630
				1470	32,5	6,5	9				
				1770	39,0	7,8	10				
WP 45 L	40	2	2	1170	41,5	7,6	10	318	1214	742	820
				1470	53,0	9,6	13				
				1770	62,0	11,5	15				
WP 65 L	40	2	2	1170	54,0	10,2	15	328	1254	742	820
				1470	68,0	12,8	17				
				1770	82,0	15,4	20				
H 25	40	2	2	50 double-strokes/min	1,8	Hand air compressor		28	315	230	340

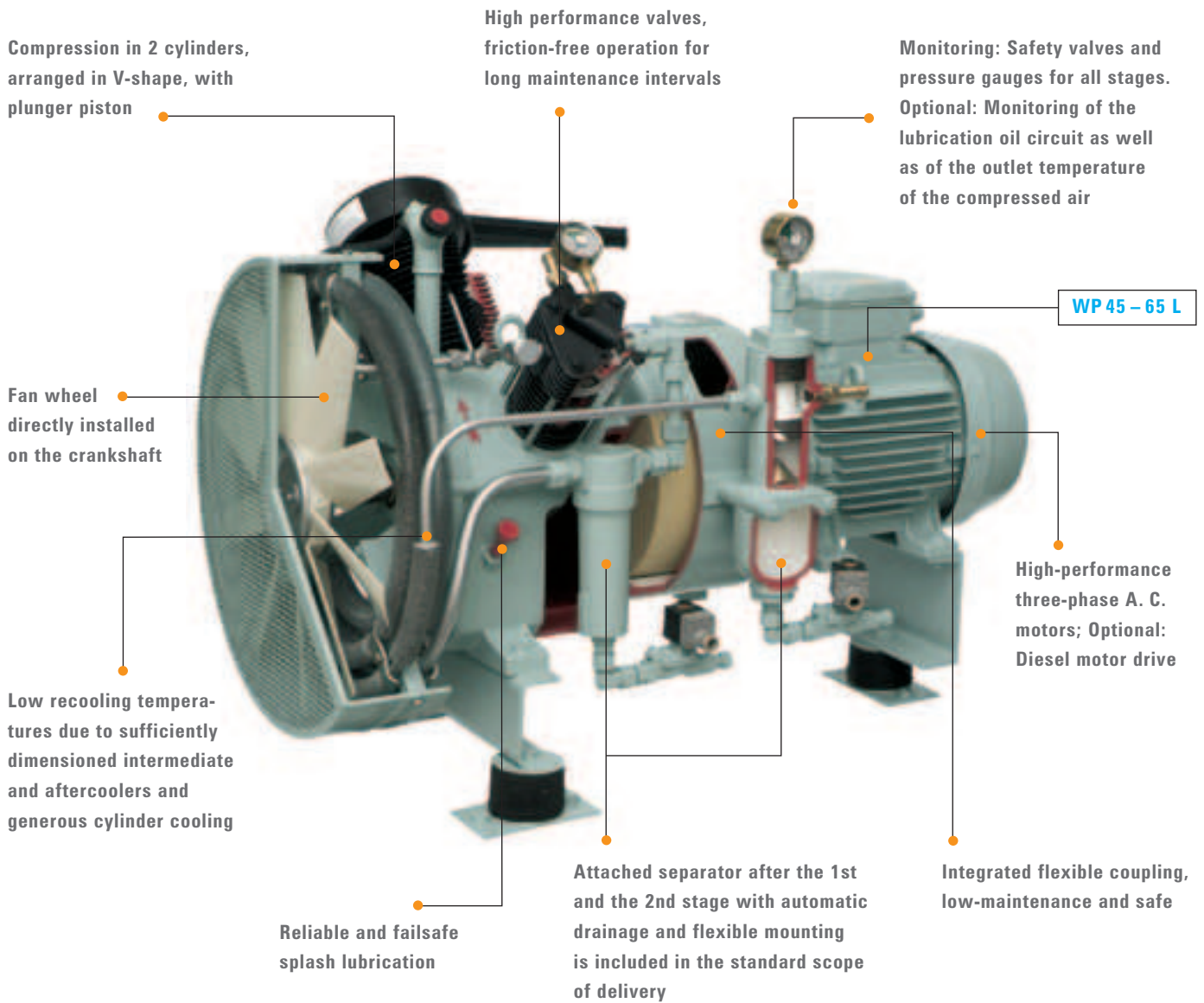
Performance data with 5% tolerance, referred to 20° C and an air pressure of 1013 mbar.

Charging Capacity according to ship building regulations.

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

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

H 25 is also available with 30 and 63 l vessel.



General advantages

- Low installation due to absence of cooling water circuit
- Light-weight and less space required for installation
- Reliable and safe to operate, even at ambient temperatures up to 60°C
- Suitable for even the most difficult ambient conditions