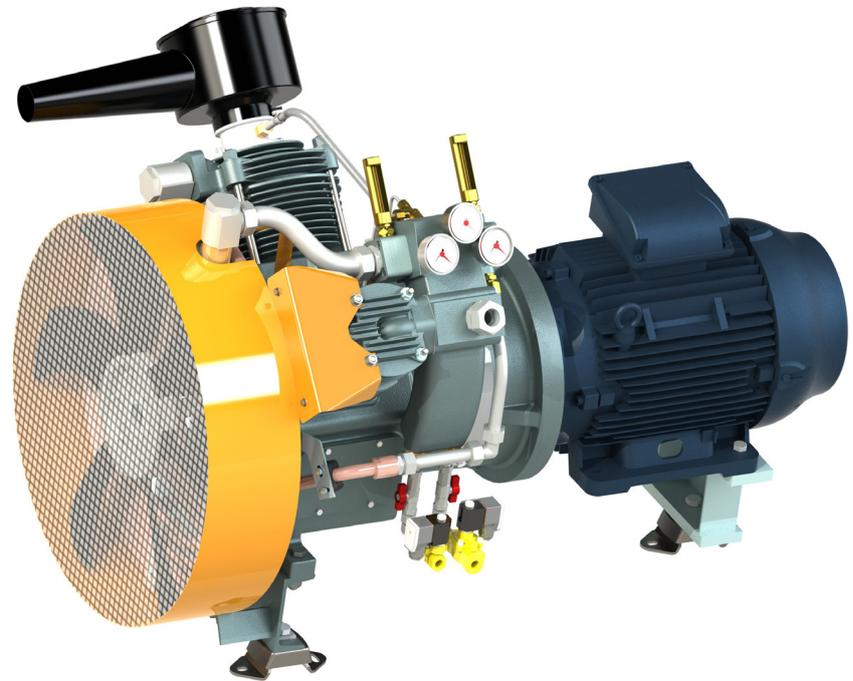


Compressor

HATLAPA Air-cooled piston compressor VA100



Structural features

- Two staged cylinders in 90° V-arrangement, with one-throw crankshaft, single acting trunk pistons
 - 1st stage: 1 cylinder
 - 2nd stage: 1 cylinder

Valves

- Combined suction and pressure valves for both stages

Air cooling

- By axial fan directly driven by the crankshaft

Intercooler and aftercooler

- Finned pipes

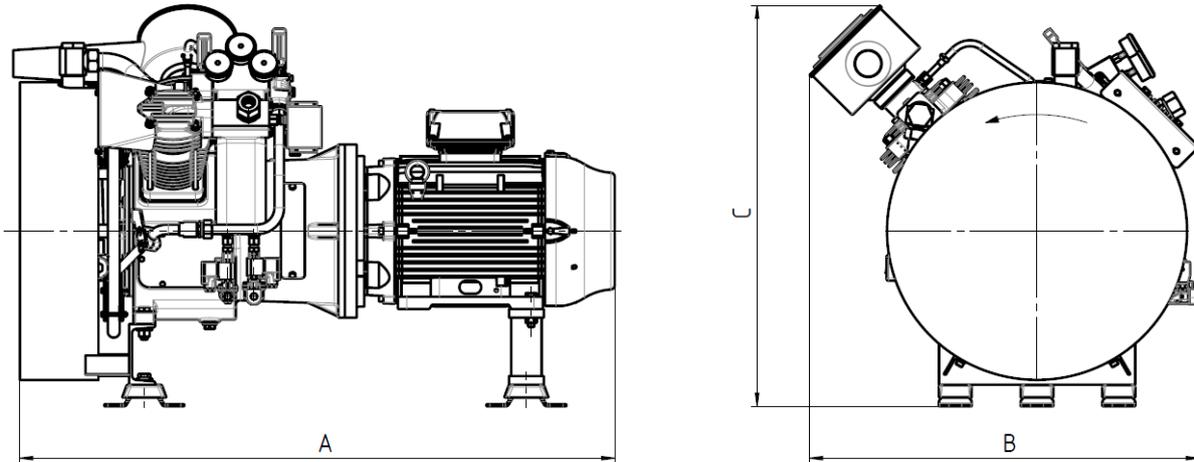
Force feed lubrication

- Gear pump directly driven by the crankshaft
- Oil pressure control by means of pressure gauge and pressure switch
- Oil level inspection glass
- Crankcase venting from oil filler to air suction filter

Bearings

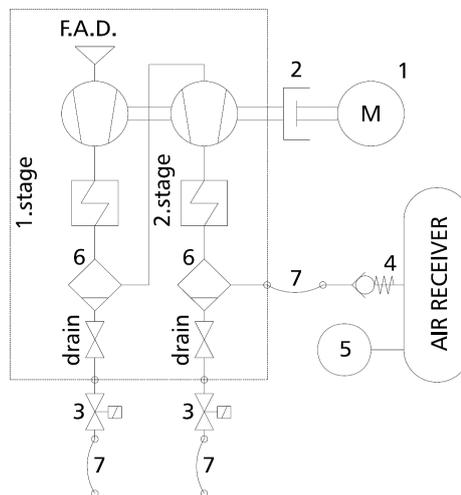
- Crankshaft: slide bearings
- Connecting rod: slide bearings
- Wrist pin: needle bearings

Technical data



Type	Cylinders	Stage	Speed r.p.m.	FAD (m ³ /h)	Power (kW)	Weight incl. e-motor approx. kg	Dimensions		
							A	B	C
VA100	2	2	1150	66	13.7	500	1365	895	930
			1450	85	17.9	500	1365	895	930
			1750	103	22.6	500	1365	895	930

All data apply to a final pressure of 30 bar. The right for alteration of specification and data to incorporate improvements in design is reserved.



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