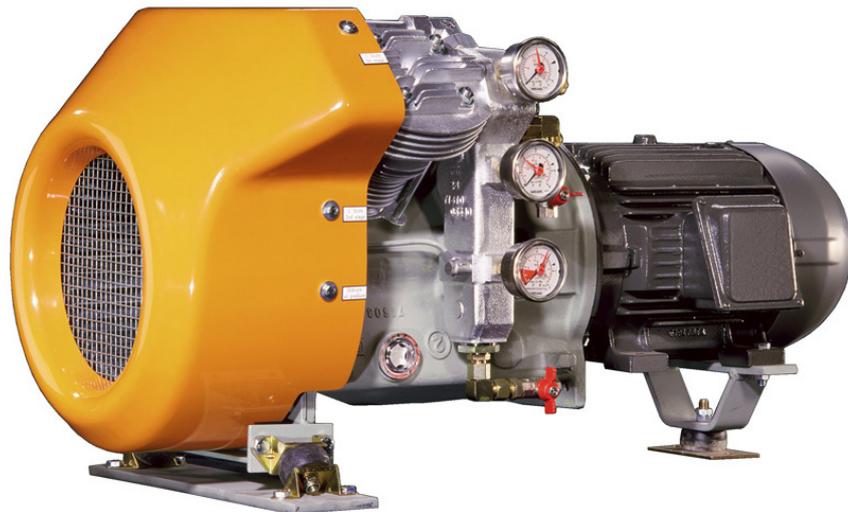


Compressor

HATLAPA Air-cooled piston compressor L20, L35



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 radial fan directly driven by the crankshaft

Intercooler and aftercooler

- Finned pipes

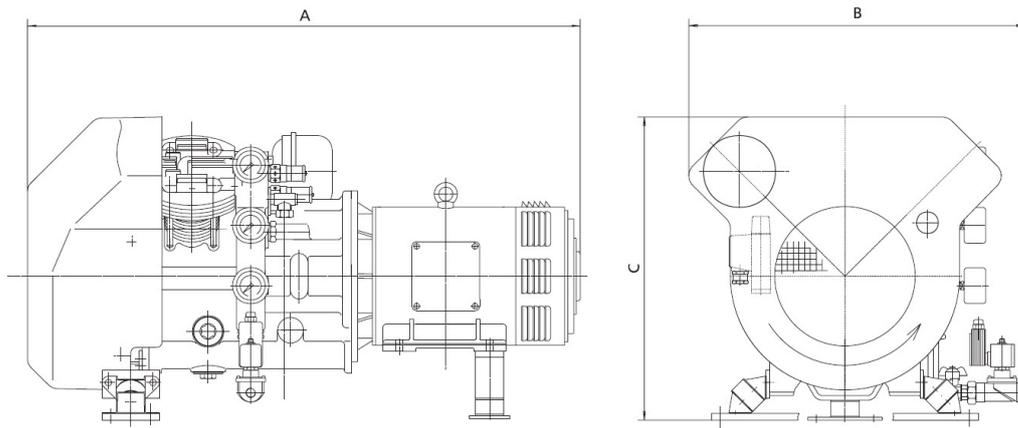
Force feed lubrication

- 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 filter to air suction filter

Bearings

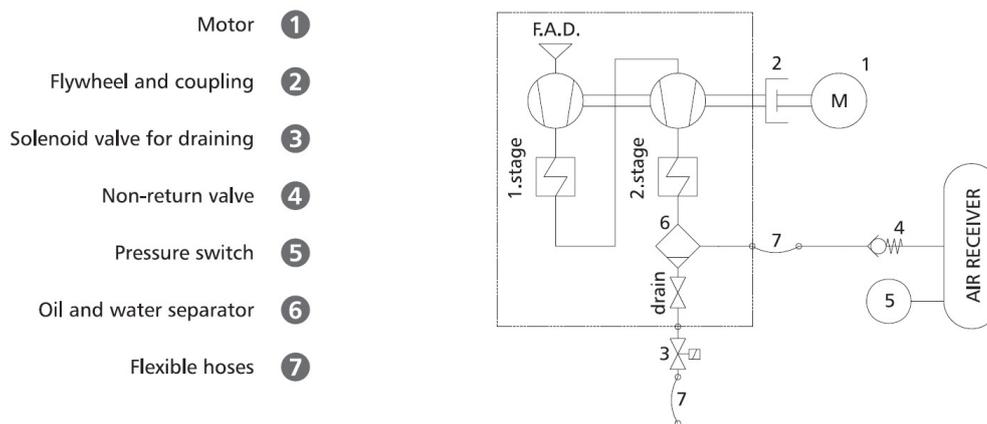
- Crankshaft: slide bearings
- Connecting rod: slide bearings
- Wrist pin 1st stage: slide bearings
- Wrist pin 2nd stage: needle bearings

Technical data



| Type | Cylinders | Stage | Speed r.p.m. | F.A.D m ³ /h | Power kW | Weight incl. e-motor approx. kg | Dimensions | | |
|------|-----------|-------|-----------------|----------------------------|-------------|------------------------------------|------------|-----|-----|
| | | | | | | | A | B | C |
| L20 | 2 | 2 | 1150 | 16.5 | 3.9 | 180 | 950 | 540 | 570 |
| | | | 1450 | 20.5 | 5.3 | 180 | 950 | 540 | 570 |
| | | | 1750 | 25 | 6.3 | 180 | 950 | 540 | 570 |
| L35 | 2 | 2 | 1150 | 24 | 5 | 200 | 975 | 590 | 530 |
| | | | 1450 | 31 | 6.6 | 200 | 975 | 590 | 530 |
| | | | 1750 | 38 | 8.2 | 200 | 975 | 590 | 530 |

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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