

# Compressor

MacGregor Water-cooled piston compressor W30, W40

## Structural features

- Two staged, vertical construction with two-throw crankshaft, trunk pistons, exchangeable, dry cylinder liners

## Valves

- Combining suction and pressure valves for both stages

## Water cooling

## Intercooler and aftercooler:

- Built-in tubular coolers

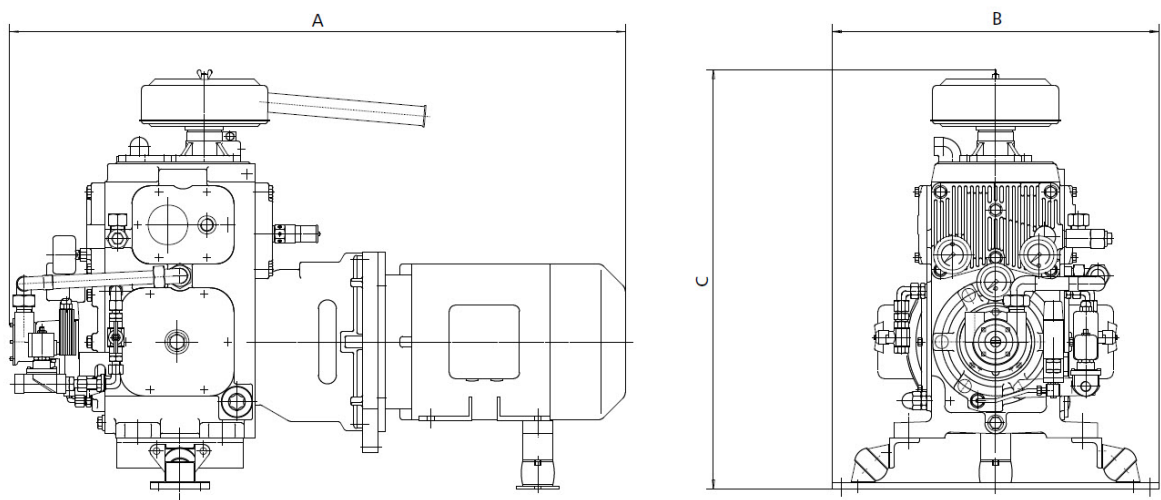
## Force feed lubrication

- Gear pump directly driven by the crankshaft
- Oil pressure control by means of pressure gauge and pressure switch
- Oil level inspection glass

## Bearings

- Crankshaft (pump): slide bearings
- Crankshaft (flywheel): roller bearings
- Connection rod: slide bearings
- Wrist pin 1st stage: slide bearings
- Wrist pin 2nd stage: needle roller bearings

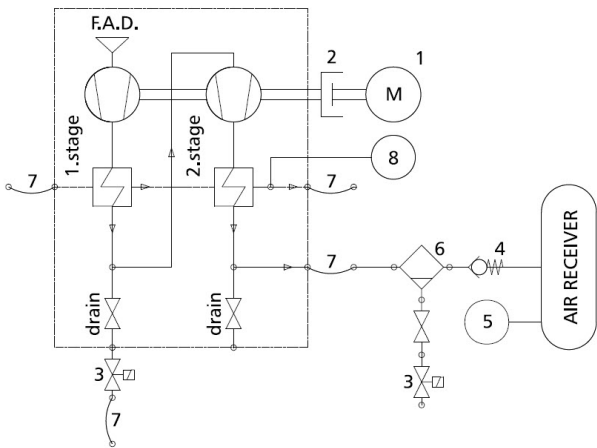
# Technical data



Type	Cylinders	Stage	Speed r.p.m.	F.A.D m³/h	Power kW	Weight incl. e-motor approx. kg	Dimensions		
							A	B	C
W30	2	2	1150	23.2	4.8	230	980	545	700
			1450	28.7	6.1	230	980	545	700
			1750	33.5	7.5	230	980	545	700
W40	2	2	1150	31	6.3	260	1055	545	700
			1450	38.5	8.2	230	980	545	700
			1750	47	10	230	980	545	700

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.

- Motor 1
- Flywheel and coupling 2
- Solenoid valve for draining 3
- Non-return valve 4
- Pressure switch 5
- Oil and water separator 6
- Flexible hoses 7
- Cooling water temperature control switch 8



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