

# **Type W30, W40**



## **STRUCTURAL FEATURES:**

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

#### **VALVES:**

· Combined 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

· Connecting rod: Slide bearings

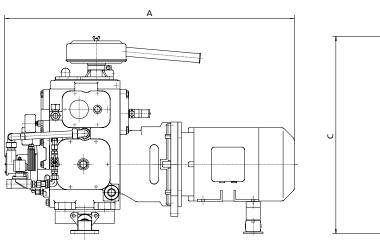
· Wrist pin 1st stage: Slide bearings

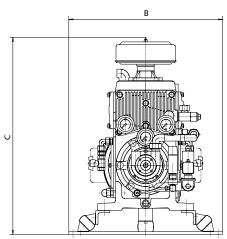
· Wrist pin 2nd stage: Roller bearings





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

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

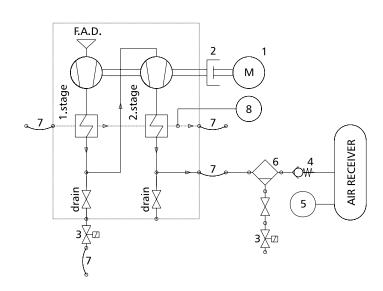
Non-return valve 4

Pressure switch 5

Oil and water separator 6

Flexible hoses 7

Cooling water temperature control switch



Illustrations, technical data, weights and dimensions are subject to alteration without previous notice.