FAG hand pump sets

Pressure generation devices for the hydraulic method and for hydraulic nuts

FAG hand pump sets

The range of FAG hand pump sets comprises the basic designs:

- PUMP1000-0,7L (single stage)

Scope of delivery of an FAG hand pump set (example: PUMP1000-4L)

1. Metal case
2. Hand pump with 4 l oil container/1000 bar
3. Manometer, 0 bar – 1000 bar
4. High pressure hose with coupling sleeve
5. Plug-in coupling nipple (connector G 1/4)
6. User manual

FAG hand pump sets (overview of ordering designations)

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FAG hand pump set 1000 bar (single stage)

Pressure generation devices for the hydraulic method and for hydraulic nuts

**FAG hand pump set 1000 bar (single stage)**

The hand pump set is suitable for the mounting and dismounting of rolling bearings by the hydraulic method, the mounting of press fits up to 50 N/mm² contact pressure and for driving hydraulic nuts up to HYDNUT395 or HYDNUT300-HEAVY. The oil container has a volume of 0.7 l. The pump is connected using a high pressure hose, 1000 bar, 1.5 m long and a plug-in coupling, 1000 bar (for a threaded connector bore G½, see drawing).

For the mounting and dismounting of rolling bearings with adapter or withdrawal sleeves, sleeve connectors must be used. If other connectors are present, adapters and reduction nipples can be used. The pump set is supplied ready-to-use in a metal case.

**Scope of delivery:**

1 hand pump, 1000 bar with 0.7 l oil container filled with Shell Voltol Gleitöl 32 oil (viscosity 32 mm²/s at +40 °C), manometer connector in pump head
1 manometer, 0 bar – 1000 bar (⌀ 63 mm)
1 high pressure hose, 1000 bar, 1.5 m long
1 plug-in coupling, 1000 bar (connector thread G½)
1 metal case 650×260×200 mm

Mass (including oil charge and metal case) 10 kg

Ordering designation:

**PUMP1000-0,7L**

Ordering designation for repair set for single stage 1000 bar pump:

**PUMP1000-0,7L.SPARE-KIT**

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**FAG hand pump set 1000 bar (0.7 l)**

**Oil volume per stroke cm³**

2.2

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**Flattened area G½**

**Threaded connector bore G½**

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