



Image may differ from product. See technical specification for details.

THAP 150E/SK1

SKF Air-driven hydraulic pump set (150 MPa)

The THAP 150E/SK1 air-driven hydraulic pump set can be used for mounting SKF OK Coupling hydraulic chambers and for mounting and dismounting large rolling element bearings using the oil injection method. It is also suitable for similar applications for pressures up to 150 MPa/21,750 psi. The unit consists of a hydraulic pump driven by an air motor. The item is supplied in a sturdy case including oil suction and return hoses with quick connect couplings, as well as a high pressure hose, pressure gauges and nipples to connect to the application. SKF Mounting and Dismounting fluids are recommended for use with the THAP 150E.

- Time savings compared to hand operated pumps
- Portable
- Continuous supply of oil
- Internal air pressure limiter helps ensure safe operation
- Low air consumption
- Wide operating temperature range
- Includes high pressure hose and pressure gauge
- Sturdy storage boxes

Overview

Dimensions

| | |
|-----------------------------|-----------------------|
| Dimensions (W x L x H) | 6.7 x 13.9 x 8.0 in |
| Case dimensions (l x h x w) | 27.6 x 10.0 x 12.4 in |

Performance

| | |
|------------------|----------------|
| Maximum Pressure | 21 755.661 psi |
| Maximum pressure | 21 755.661 psi |

Properties

| | |
|-----------------------------|--|
| Recommended applications | Bolt tensioners Mounting of propellers Oil injection for large bearing seatings |
| Air pressure | 3.0 – 7.0 psi |
| Air pressure limiter | yes, at 100 psi |
| Volume per stroke | 0.117 in ³ |
| Air consumption | 6 762.805 fl-oz/min |
| Pressure ratio | 1:250 |
| Oil container | No |
| Pressure gauge | Yes |
| Oil outlet thread | G 3/4 |
| Oil viscosity (maximum) | 1 500 mm ² /s |
| Housing material | Aluminium Alloy tool steel |
| Colour | Blue, metallic grey |
| Operating temperature range | 32.0 – 113.0 °F |
| Product weight | 31.085 lb |
| Content | Air driven pump 150 MPa (21 750 psi) 2x Low pressure hoses with couplings(1.5 m/4.9 ft) Air hose coupling(f) Mounting fluid (1 ltr/0.22 gal) Pressure gauge 300 MPa (43 500 psi) Nipple G 3/4 (m) - G 1/4 (f) Pressure hose (3 m /9.8 ft) Quick connection coupling Quick connection nipple Instructions for use Carrying case |
| Total product weight | 46.297 lb |
| Volume per stroke | 0.06 fl oz |

Logistics

| | |
|--------------------|-------------|
| Product net weight | 46.297 lb |
| eClass code | 23-05-19-01 |
| UNSPSC code | 27112908 |

Compatible products

Spare part

| | |
|---|--------------------------------|
| SKF Pressure Gauge 0 - 300 MPa (0 - 43,500 psi) dia 110 mm (4.3 in) | 1077589 |
| SKF Connection Nipple - 228027 E | 228027 E |
| Tool case (empty) for THAP and TMJL | 728245/3 A-UNP |
| Quick connection coupling | 729831 A |
| Quick connecting nipple | 729832 A |
| Flexible high pressure hose 150 MPa, 3m long | 729834 |
| SKF Air-driven hydraulic pump (150 MPa) | THAP 150E |
| Repair kit for THAP 150E | THAP 150E-10 |
| Gauge plug assembly | THAP E-11 |
| Carrying handle for THAP E series | THAP E-12 |
| Set of hoses | THAP E-2 |
| Air valve assembly for THAP E series | THAP E-3 |
| Air inlet block for THAP E series | THAP E-4 |
| Air motor assembly for THAP E series | THAP E-5 |
| Oil inlet block for THAP E series | THAP E-6 |
| Release valve assembly for THAP E series | THAP E-8 |
| Connection nipple assembly fro THAP E series | THAP E-9 |
| Pressure gauge protection sleeve 100 mm | TMJG S100 |

Refill

| | |
|-------------------------------|----------------------------|
| Mounting or Dismounting fluid | LHDF 900/5 |
| Mounting or Dismounting fluid | LHMF 300/1 |
| Mounting or Dismounting fluid | LHMF 300/5 |



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