

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

THAP 300E

SKF Air-driven oil injector (300 MPa)

The THAP 300E air-driven oil injector can be used for mounting and dismounting SKF OK Couplings, large pressure joints such as bearings, flywheels, couplings and railway wheels. It is also suitable for simlar applications for pressures upto 300 MPa/43,500 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. SKF Mounting and Dismouting fluids are recommended for use with the THAP 300E.

- Time savings compared to hand operated oil injectors
- Portable
- Continuous supply of oil

- Internal air pressure limiter helps ensure safe operation
- Low air consumption
- Wide operating temperature range
- Sturdy storage boxes

Overview

Dimensions

Dimensions (W x L x H)	171 x 405 x 202 mm
Case dimensions (l x h x w)	690 x 245 x 310 mm

Performance

Maximum pressure	3 000 bar
Maximum pressure	300 MPa

Properties

Recommended applications	OK Couplings Large pressure joints Oil injection for large gears and railway wheels
Air pressure	3.0 – 7.0 bar
Air pressure limiter	7 bar
Volume per stroke	0.83 ml
Air consumption	200 l/min
Pressure ratio	1:500
Oil container	No
Pressure gauge	Optional
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	0.0 – 45.0 °C
Product weight	13 kg
Content	Air driven pump 300 MPa (43 500 psi) 2x Low pressure hoses with couplings(1.5 m/4.9 ft) Air hose coupling(f) Mounting fluid (1 ltr/0.22 gal) Instructions for use Carrying case
Volume per stroke	0.83 cm^3

Logistics

Product net weight	21.2 kg
eClass code	23-05-19-01
UNSPSC code	27112908

Compatible products

Accessory

SKF Pressure Gauge 0 - 400 MPa (0 - 58,000 psi) dia 110 mm (4.3 in)	1077589/3
High pressure hose, 300 MPa, 2x M16x1.5 cone male, 2 m long	THAP 300-H/2
Quick connection coupling, M16x1.5 cone female, 300 MPa	THPC 300-1
Quick connection nipple, M16x1.5 cone female, 300 MPa	THPN 300-1
Nipple G3/4 male, M16x1.5 cone female, 400 MPa	THPN FM16G3/4
Nipple M16x1.5 cone male, G1/2 male, 400 MPa	THPN M16G1/2
Nipple M16x1.5 cone male, G1/4 male, 400 MPa	THPN M16G1/4
Nipple M16x1.5 cone male, G1/8 male, 300 MPa	THPN M16G1/8
Nipple M16x1.5 cone male, G3/4 male, 400 MPa	THPN M16G3/4
Nipple M16x1.5 cone male, G3/8 male, 400 MPa	THPN M16G3/8

Spare part

Tool case (empty) for THAP and TMJL	728245/3 A-UNP
Repair kit for THAP 300E	THAP 300E-10
THAP 300E oil injector assembly	THAP 300E-7
Gauge plug assembly consisting of a plug nipple and connection nipple.	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
Protection cover for THAP series	THAP E-PC2

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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