SKF Air-driven Hydraulic Pumps and Oil Injectors, THAP E series

30, 150, 300 and 400 MPa *(4 350, 21 750, 43 500 and 58 000 psi)*

The THAP E air-driven hydraulic pumps and oil injectors are available in four different pressure versions. They can be used for mounting OK Couplings, large pressure joints such as bearings, flywheels, couplings and railway wheels. The THAP E unit consists of a hydraulic pump or high pressure oil injector, driven by an air motor.

The units are supplied in a sturdy case including oil suction and return hoses with quick connect couplings. The units can also be supplied in complete sets, consisting of a THAP E and such accessories as a pressure gauge, high pressure pipe or pressure hose.

- Time savings compared to hand operated pumps and 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
- Low, medium and high pressure units

Applications

- SKF OK Couplings
- Mounting bearings
- Mounting ship propellers, rudder pintles, railway wheels and other similar applications



THAP E/SK1



THAP E

Technical data

Designation	THAP 030E		THAP 150E		THAP 300E		THAP 400E	
Nominal hydraulic pressure	30 MPa	*(4 350 psi)*	150 MPa	*(21 750 psi)*	300 MPa	*(43 500 psi)*	400 MPa	*(58 000 psi)*
Operating air pressure [1)]	7 bar	*(101.5 psi)*	7 bar	*(101.5 psi)*	7 bar	*(101.5 psi)*	7 bar	*(101.5 psi)*
Volume/stroke	10 cm^3	*(0.61 $in.^3$)*	1,92 cm^3	*(0.12 $in.^3$)*	0,83 cm^3	*(0.05 $in.^3$)*	0,64 cm^3	*(0.039 $in.^3$)*
Oil outlet	G 3/4		G 3/4		G 3/4		G 3/4	
Length	350 mm	*(13.9 in.)*	350 mm	*(13.9 in.)*	405 mm	*(16 in.)*	405 mm	*(16 in.)*
Height	202 mm	*(8 in.)*	202 mm	*(8 in.)*	202 mm	*(8 in.)*	202 mm	*(8 in.)*
Width	171 mm	*(6.7 in.)*	171 mm	*(6.7 in.)*	171 mm	*(6.7 in.)*	171 mm	*(6.7 in.)*
Weight	11,5 kg	*(25.3 lb)*	11,5 kg	*(25.3 lb)*	13 kg	*(28.6 lb)*	13 kg	*(28.6 lb)*

Also available as complete set in carrying case

THAP 030E/SK1	Consisting of pump, high pressure hose and connecting nipples.
THAP 150E/SK1	Consisting of pump, pressure gauge, high pressure hose and connecting nipples.
THAP 300E/SK1	Consisting of oil injector, pressure gauge and high pressure pipe.
THAP 400E/SK1	Consisting of oil injector, pressure gauge and high pressure pipe.

[1)] Air pressures above 7 bar are automatically limited to 7 bar by an internal air limiter.

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