

# Hydraulic pump and oil injector selection guide

Selection guide					
Max. working pressure	Pump	Type	Oil container capacity	Connection nipple	Application examples <sup>1)</sup>
30 MPa (4 350 psi)	THAP 030E	Air-driven pump	Separate container	G <sup>3</sup> / <sub>4</sub>	SKF OK Coupling hydraulic chamber
50 MPa (7 250 psi)	TMJL 50	Hand operated pump	2 700 cm <sup>3</sup> (165 in. <sup>3</sup> )	G <sup>1</sup> / <sub>4</sub>	All HMV ..E (dismounting with sleeves only) SKF OK Coupling hydraulic chamber
100 MPa (14 500 psi)	729124	Hand operated pump	250 cm <sup>3</sup> (15 in. <sup>3</sup> )	G <sup>1</sup> / <sub>4</sub>	≤ HMV 54E (dismounting with sleeves only) Oil injection for small bearings
	TMJL 100	Hand operated pump	800 cm <sup>3</sup> (48 in. <sup>3</sup> )	G <sup>1</sup> / <sub>4</sub>	≤ HMV 92E (dismounting with sleeves only) Oil injection for medium bearings
150 MPa (21 750 psi)	THAP 150E	Air-driven pump	Separate container	G <sup>3</sup> / <sub>4</sub>	Bolt tensioners, propellers Oil injection for large bearing seatings
	728619 E	Hand operated pump	2 550 cm <sup>3</sup> (155 in. <sup>3</sup> )	G <sup>1</sup> / <sub>4</sub>	All HMV ..E nuts (dismounting with sleeves only) Oil injection for bearing seatings
300 MPa (43 500 psi)	THAP 300E	Air-driven oil injector	Separate container	G <sup>3</sup> / <sub>4</sub>	OK Couplings Large pressure joints Oil injection for large gears and railway wheels
	226400 E	Hand operated oil injector	200 cm <sup>3</sup> (12.2 in. <sup>3</sup> )	G <sup>3</sup> / <sub>4</sub>	OK Couplings Oil injection for gears and railway wheels Pressure joints
	729101/300MPA	Oil injection kit	200 cm <sup>3</sup> (12.2 in. <sup>3</sup> )	Several	OK Couplings Oil injection for gears and railway wheels Pressure joints Complete kit suitable for many applications
	THKI 300	Oil injection set	200 cm <sup>3</sup> (12.2 in. <sup>3</sup> )	Several	Oil injection for gears and railway wheels Pressure joints Complete set suitable for many applications
400 MPa (58 000 psi)	THAP 400E	Air-driven oil injector	Separate container	G <sup>3</sup> / <sub>4</sub>	OK Couplings Large pressure joints Oil injection for large gears and railway wheels
	226400 E/400	Hand operated oil injector	200 cm <sup>3</sup> (12.2 in. <sup>3</sup> )	G <sup>3</sup> / <sub>4</sub>	OK Couplings Oil injection for gears and railway wheels Pressure joints
	729101/400MPA	Oil injection kit	200 cm <sup>3</sup> (12.2 in. <sup>3</sup> )	Several	OK Couplings Oil injection for gears and railway wheels Pressure joints Complete kit suitable for many applications
	THKI 400	Oil injection set	200 cm <sup>3</sup> (12.2 in. <sup>3</sup> )	Several	Oil injection for gears and railway wheels Pressure joints Complete set suitable for many applications

<sup>1)</sup> The interference fit and application size may mean that a pump / injector with a higher pressure and/or container volume is required.

TMJL 50



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729124



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TMJL 100



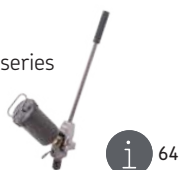
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728619 E



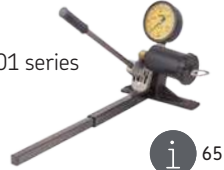
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226400 E series



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729101 series



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THKI series



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THAP E series



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