

Hydraulic pumps



50 MPa (7 250 psi)

SKF Hydraulic Pump TMJL 50

The SKF TMJL 50 is mainly intended for larger SKF Hydraulic Nuts and SKF OK Coupling hydraulic chambers, but is also suitable for applications where a maximum pressure of 50 MPa (7 250 psi) is required.

- Large oil container capacity 2 700 cm³ (165 in.³)
- Over pressure valve and connection port for a pressure gauge
- Packed in a sturdy protective case

Applications

- SKF OK Coupling hydraulic chambers
- All sizes SKF Hydraulic Nuts
- All other oil injection applications where the maximum pressure is 50 MPa (7 250 psi)



100 MPa (14 500 psi)

SKF Hydraulic Pump 729124

The SKF 729124 is mainly intended for SKF Hydraulic Nuts (\leq HMV 54E) to mount bearings or components where a maximum pressure of 100 MPa (14 500 psi) is required.

- Oil container capacity 250 cm³ (15 in.³)
- Fitted with a pressure gauge
- Packed in a sturdy protective case

Applications

- SKF Hydraulic Nuts \leq HMV 54E
- All other oil injection applications where the maximum pressure is 100 MPa (14 500 psi)
- For applications where space does not permit the use of a quick connect coupling and nipple, such as AOH sleeves, a special pump design is available (SKF 729124 A)

Technical data

Designation	TMJL 50	729124	TMJL 100	728619 E
Maximum pressure	50 MPa (7 250 psi)	100 MPa (14 500 psi)	100 MPa (14 500 psi)	150 MPa (21 750 psi)
Oil container capacity	2 700 cm ³ (165 in. ³)	250 cm ³ (15 in. ³)	800 cm ³ (48 in. ³)	2 550 cm ³ (155 in. ³)
Volume/stroke	3,5 cm ³ (0.21 in. ³)	0,5 cm ³ (0.03 in. ³)	1,0 cm ³ (0.06 in. ³)	1st stage: 20 cm ³ below 2,5 MPa (1.2 in. ³ below 362 psi) 2nd stage: 1 cm ³ above 2,5 MPa (0.06 in. ³ above 362 psi)
Length of pressure hose fitted with quick connection coupling	3 000 mm (118 in.)	1 500 mm (59 in.)	3 000 mm (118 in.)	3 000 mm (118 in.)
Connection nipple (included)	G ³ / ₄ quick connection	G ³ / ₄ quick connection	G ³ / ₄ quick connection	G ³ / ₄ quick connection
Weight	12 kg (26 lb)	3,5 kg (8 lb)	13 kg (29 lb)	11,4 kg (25 lb)

All SKF Hydraulic Pumps are filled with SKF Mounting Fluid and are supplied with an extra litre of fluid.



Large oil container 100 MPa (14 500 psi)

SKF Hydraulic Pump TMJL 100

The SKF TMJL 100 pump is mainly intended for use with hydraulic nuts (\leq HMV 92E) to mount bearings or components where a maximum pressure of 100 MPa (14 500 psi) is required.

- Oil container capacity 800 cm³ (48 in.³)
- Fitted with a pressure gauge
- Packed in a sturdy protective case

Applications

- SKF Hydraulic Nuts \leq HMV 92E
- All other oil injection applications where the maximum pressure is 100 MPa (14 500 psi)
- Suitable with SKF Hydraulic Assisted Pullers TMHP series



150 MPa (21 750 psi)

SKF Hydraulic Pump 728619 E

The SKF 728619 E is a two-stage pump suitable for use with SKF Supergrip Bolts and to mount bearings or components where a maximum pressure of 150 MPa (21 750 psi) is required.

- Oil container capacity 2 550 cm³ (155 in.³)
- Two stage pressure pumping
- Fitted with a pressure gauge
- Packed in a sturdy protective case

Applications

- SKF Supergrip Bolts
- All other oil injection applications where the maximum pressure is 150 MPa (21 750 psi)
- All sizes SKF Hydraulic Nuts



SKF Mounting Fluid LHM 300 and SKF Dismounting Fluid LHDF 900

SKF mounting and dismounting fluids are suitable for use with SKF hydraulic equipment, including hydraulic pumps, HMV ..E nuts and oil injection tools in mounting and dismounting jobs. All SKF Hydraulic Pumps are filled with SKF Mounting Fluid LHM 300 and are supplied with an extra litre of fluid.

For more information, see page 69