

Application

The TMJL 50 is mainly intended for use on the low pressure side of OK-couplings but is also suitable for other oil injection applications where a maximum pressure of 50 MPa (7,250 psi) is required. The pump is delivered with the OK coupling mounting kits **TMHK 36** and **TMHK 37**.

Description

The TMJL 50 is supplied with a 3 metre (9,8 ft) long, high pressure hose with quick connection coupling. Mating quick connection nipple for attachment to the workpiece is included. The pump is filled with SKF Mounting Fluid LHMf 300 and comes with an additional 1 litre can. Everything is packed in a sturdy case. The pump has an over-pressure valve and a connection port for pressure gauge. The release valve is an integrated part of the pump head.

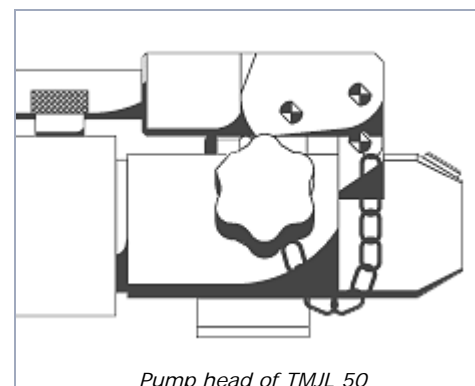


Technical data

| Designation | TMJL 50 |
|---------------------------------|---|
| Maximum pressure | 50 MPa (7,250 psi) |
| Volume/stroke | 3,5 cm ³ (0.21 in ³) |
| Oil container capacity | 2.700 cm ³ (165 in ³) |
| Oil viscosity of mounting fluid | 300 mm ² /s (1,400 SUS) at 20 °C (68 °F) |
| Connection nipple | G 1/4, external or internal thread |
| Handle force at 50 MPa | 310 N (70 lbf) |
| Length | 450 mm (17.7 in) |
| Width | 170 mm (6.7 in) |
| Height | 130 mm (5.1 in) |
| Total weight | 12 kg (26 lb) |

Replacement parts

| Designation | Description |
|-------------|--|
| TMJL 50-1 | Handpump (sub-assembly) |
| TMJL 50-2 | Repair kit |
| TMJL 100-3 | Gauge connection nipple |
| 729831 A | Quick connection coupling G 1/4 |
| 729832 A | Quick connection nipple G 1/4 |
| 729834 | High pressure hose |
| 1077587 | Pressure gauge (120 MPa, 100 mm) |
| LHMf 300/5 | Mounting fluid - 5 litre, 300 mm ² /s at 20 °C (68 °F) |
| LHMf 900/5 | Dismounting fluid - 5 litre, 900 mm ² /s at 20 °C (68 °F) |
| 728245/3 A | Transport box |



Special execution - TMJL 50SRB

For use with the [Drive-up Method](#) the TMJL 50 is also available with the high precision gauge [TMJG 100D](#). The suitable size range for the TMJL 50SRB are nuts up and including HMV 200.

The complete pump kit consists of

| Designation | Description |
|-------------|-----------------------------|
| TMJL 50-1 | Pump body |
| TMJG 100D | Precision digital gauge |
| TMJL 100-5 | Nipple for pressure gauge |
| 729834 | High pressure hose; 3 m |
| 729831 A | Quick connection coupling |
| 729832 A | Quick connection nipple |
| LHMf 300/1 | Mounting fluid, 1 litre can |
| 728245/3 A | Transport box |

