

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

TMJL 100

Hydraulic pump 1000 bar with large oil container, TMJL 100

The SKF TMJL 100 pump is mainly intended for use with hydraulic nuts (upto size HMV 92E) to mount bearings or components where a maximum pressure of 100 MPa(14,500 psi) is required. The TMJL 100 can be used for oil injection applications for removing rolling element bearings and is suitable for use with SKF Hydraulic Assisted Pullers TMHP series.

- Oil container capacity 800 cm^3 (48 in^3)
- Fitted with a pressure gauge
- Packed in a sturdy protective case
- Supplied with an extra litre of fluid

Overview

Dimensions

Dimensions (W x L x H)	140 x 635 x 195 mm
Case dimensions (l x h x w)	715 x 280 x 355 mm

Performance

Maximum pressure	1 000 bar
Maximum pressure	100 MPa

Properties

Type	Hand operated pump
Recommended applications	SKF hydraulic nuts smaller than or equal to HMV 92E Oil injection applications where the maximum pressure is 100 MPa (14 500 psi) Suitable for SKF hydraulic assisted pullers TMHP series
Type of pump	Single stage
Volume per stroke	10 ml
Volume per stroke, 2nd stage	1.0 cm^3
Oil container capacity	800 ml
Pressure gauge	Yes, analogue
Hose length	3 000 mm
Filled with oil	Yes, with SKF Mounting Fluid LHMF 300
Handle force at maximum oil pressure	320 N
Connection nipple	G 1/4 (male)
Suitable for Drive up method	No
Suitable for Hydraulic nut HMV range	9.0 – 92.0
Housing material	Steel pump body
Colour	Grey Black
Operating temperature range	10.0 – 35.0 °C
Recommended storage temperature	10.0 – 40.0 °C
Relative humidity	0 to 75%, non-condensing
Product weight	10.3 kg
Content	Pump with mounting fluid pressure hose quick connection coupling quick connection nipple carrying case 1l can of mounting fluid

Logistics

Product net weight	17.6 kg
eClass code	23-05-19-01
UNSPSC code	27112908

Compatible products

Accessory

Mounting or Dismounting fluid	LHDF 900/5
Mounting or Dismounting fluid	LHMF 300/5
SKF Digital Pressure Gauge 0 - 100 MPa (0 - 14,500 psi) dia 79 mm (3.1 in)	THGD 100

Spare part

SKF Pressure Gauge 0 - 100 MPa (0 - 14,500 psi) dia 110 mm (4.3 in)	1077587
Tool case (empty) for THAP and TMJL	728245/3 A-UNP
Quick connection coupling	729831 A
Quick connecting nipple	729832 A
Flexible high pressure hose 150 MPa, 3m long	729834
Mounting or Dismounting fluid	LHMF 300/1
Pressure gauge protection sleeve 100 mm	TMJG S100
Hydraulic pump body of TMJL 100	TMJL 100-1
Repair kit for TMJL 100	TMJL 100-2
Pressure gauge adapter for TMJL 100 and TMJL 50	TMJL 100-3

Recommended product

Hydraulic pump 500 bar with large oil container, TMJL 50	TMJL 50
Hydraulic pump 1000 bar, 729124	729124

Hydraulic pump 1500 bar with large oil container, 728619 E	728619 E
Hydraulic pump 3000 bar with large oil container, THHP 300	THHP 300
Hydraulic Pump for the SKF Drive-up Method, 729124 DU	729124 DU
Hydraulic Pump for the SKF Drive-up Method, TMJL 100DU	TMJL 100DU
Hydraulic Pump for the SKF Drive-up Method, TMJL 50DU	TMJL 50DU

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