



TMHP 50/140SKF Hydraulically Assisted Heavy Duty Jaw Puller

TMHP 50/140, with pump TMJL 100

SKF Hydraulically Assisted Heavy Duty Jaw Puller

TMHP 50/140, with pump TMJL 100

The SKF Hydraulically Assisted Heavy Duty Jaw Puller TMHP 50/140 is a powerful puller for dismantling large bearings and components. The self-centring puller, unique pantograph system and handling options make the puller safe and easy to use. The combination of a spindle and a hydraulic cylinder helps to mount the puller quickly. The SKF TMHP 50/140 is supplied in a complete ready-to-use set with hydraulic pump, oil and connections.

- High pulling forces can be applied easily and safely with self-centring puller
- Easy adjustable worklength through combination of spindle and hydraulic cylinder
- Unique pantograph system gives eXceptional grip and helps counteract misalignment during operation
- Simple operation with lifting handle and eye bolt
- Ready-to-use with SKF Hydraulic Pump TMJL 100, fleXible high pressure hose and hydraulic oil included

Overview

Dimensions

Width of grip external	310 – 506 mm
Effective arm length	140 mm
Alternative arm lengths	With accessory alternative arms: 320 or 570 mm
Total Arm length	483 mm
Claw height	40 mm
Claw length	32 mm
Claw width	24 mm
Spindle head, hexagon size	30 mm

Total spindle length	648 mm
----------------------	--------

Performance

Pulling force (max)	500 kN
---------------------	--------

Properties

Recommended applications	For the dismantling of larger bearings, gears, pulleys and other industrial ring shaped components in industrial, construction and agricultural applications with an interference fit on the shaft
--------------------------	--

Suitable for workpiece dismantling from a Cylindrical seating (straight shaft)	Yes
--	-----

Suitable for bearing dismantling from Tapered seating (conical shaft)	Yes
---	-----

Suitable for bearing dismantling from Sleeves (adapter/withdrawal sleeve with a straight shaft)	Yes
---	-----

Suitable for workpiece dismantling from a Blind arrangement (housing with shaft)	No
--	----

Suitable for workpiece dismantling from a Housing	No
---	----

Suitable for bearing type(s)	All
------------------------------	-----

Dismounting force generation	A hydraulic pump is needed to advance the piston of the hydraulic cylinder in this puller, in which a mechanical spindle is fitted. The recommended pump TMJL to connect to the hydraulic cylinder, is included with this puller.
------------------------------	---

Number of arms	3
----------------	---

Hydraulic Cylinder, piston stroke	40 mm
Hydraulic Cylinder, Maximum Operating Pressure	800 bar
Hydraulic Cylinder, Maximum Operating Pressure	80 MPa
Spindle nose piece	Yes, 35 mm
Hydraulic Cylinder, Oil capacity	260 cm ³
Colour	Black
Oil viscosity (maximum)	300 mm ² /s
Material	Alloy engineering steels, hardened and tempered
Coating	Chemical blackened
Content	1x Puller TMHP 50/140 1x Pump (complete in wooden carrying case) Printed instructions for use 1x Piston hold tool 1x Wooden storage crate
Product weight	66.5 kg

Terms and conditions

By accessing and using this website / app owned and published by AB SKF (publ.) (556007-3495 · Gothenburg) ("SKF"), you agree to the following terms and conditions:

Warranty Disclaimer and Limitation of Liability

Although every care has been taken to assure the accuracy of the information on this website / app, SKF provides this information "AS IS" and DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. You acknowledge that your use of this website / app is at your sole risk, that you assume full responsibility for all costs associated with use of this website / app, and that SKF shall not be liable for any direct, incidental, consequential, or indirect damages of any kind arising out of your access to, or use of the information or software made available on this website / app. Any warranties and representations in this website / app for SKF products or services that you purchase or use will be subject to the agreed upon terms and conditions in the contract for such product or service. Further, for non-SKF websites / apps that are referenced in our website / app or where a hyperlink appears, SKF makes no warranties concerning the accuracy or reliability of the information in these websites / apps and assumes no responsibility for material created or published by third parties contained therein. In addition, SKF does not warrant that this website / app or these other linked websites / apps are free from viruses or other harmful elements.

Third Party Services

When viewing YouTube content via the SKF website(s) (i.e. using YouTube API Services), you agree to be bound by the YouTube Terms of Service.

Copyright

Copyright in this website / app copyright of the information and software made available on this website / app rest with SKF or its licensors. All rights are reserved. All licensed material will reference the licensor that has granted SKF the right to use the material. The information and software made available on this website / app may not be reproduced, duplicated, copied, transferred, distributed, stored, modified, downloaded or otherwise exploited for any commercial use without the prior written approval of SKF. However, it may be reproduced, stored and downloaded for use by individuals without prior written approval of SKF. Under no circumstances may this information or software be supplied to third parties.

This website /app includes certain images used under license from Shutterstock, Inc.

Trademarks and Patents

All trademarks, brand names, and corporate logos displayed on the website / app are the property of SKF or its licensors, and may not be used in any way without prior written approval by SKF. All licensed trademarks published on this website / app reference the licensor that has granted SKF the right to use the trademark. Access to this website / app does not grant to the user any license under any patents owned by or licensed to SKF.

Changes

SKF reserves the right to make changes or additions to this website / app at any time.