

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



TMHP 30/600

Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container

The SKF Hydraulically Assisted Heavy Duty Jaw Puller TMHP 30/600 is a powerful puller for dismounting 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 30/600 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	290.0 – 500.0 mm
Effective arm length	600 mm
Alternative arm lengths	With accessory alternative arms: 170 or 350 mm
Claw height	35 mm
Claw length	30 mm
Total Arm length	938 mm
Claw width	24 mm
Spindle head, hexagon size	28mm
Total spindle length	933 mm

Properties

Recommended applications	For the dismounting 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 dismounting from a Cylindrical seating (straight shaft)	Yes
Suitable for bearing dismounting from a Tapered seating (conical shaft)	Yes
Suitable for bearing dismounting from a Sleeve (adapter or withdrawal sleeve)	Yes
Suitable for workpiece dismounting from a Blind arrangement (housing with shaft)	No
Suitable for workpiece dismounting 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
Pulling force (max)	325 kN
Hydraulic Cylinder, piston stroke	50 mm
Hydraulic Cylinder, Maximum Operating Pressure	800 bar
Hydraulic Cylinder, Maximum Operating Pressure	80 MPa
Hydraulic Cylinder, Oil capacity	204 cm^3
Oil viscosity (maximum)	300 mm^2/s
Spindle nose piece	Yes, ⌀33 mm
Colour	Black
Material	Alloy engineering steels, hardened and tempered
Coating	Chemical blackened
Content	1x Puller TMHP 30/600 1x TMJL 100 Pump (complete in wooden carrying case) 1x Printed instructions for use 1x Piston hold tool 1x Wooden storage crate

Logistics

Product net weight	56 kg
eClass code	23-05-19-01
UNSPSC code	27111712

Compatible products

Refill

Mounting or Dismounting fluid	LHMF 300/1

Spare part

Spare arm, 600 mm (23.6 in) long for Hydraulically-assisted heavy duty jaw puller	3 x TMHP 30-3
Spare spindle for Hydraulically-assisted heavy duty jaw puller	TMHP 30-5

Accessory

Spare arm, 170 mm (6.7 in) long for Hydraulically-assisted heavy duty jaw puller	3 x TMHP 30-1
Extremely high viscosity bearing grease with solid lubricants	LGEV 2/0.035
Tri-section pulling plate	TMMS 260
Tri-section pulling plate	TMMS 380

Recommended product

Hydraulically-assisted heavy duty jaw puller without hydraulic pump	TMHP 30/600X
Hydraulically-assisted heavy duty jaw puller without hydraulic pump	TMHP 50/140X
Hydraulically-assisted heavy duty jaw puller without hydraulic pump	TMHP 50/320X
Hydraulically-assisted heavy duty jaw puller without hydraulic pump	TMHP 50/570X
Hydraulically-assisted heavy duty jaw puller without hydraulic pump	TMHP 30/170X
Hydraulically-assisted heavy duty jaw puller without hydraulic pump	TMHP 30/350X
Hydraulically-assisted heavy duty jaw puller without hydraulic pump	TMHP 15/260X
Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	TMHP 50/140
Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	TMHP 50/320
Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	TMHP 50/570
Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	TMHP 30/170
Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	TMHP 30/350
Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	TMHP 15/260

Terms of use

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.