SKF TMHP 50/570X

Hydraulically-assisted heavy duty jaw puller without hydraulic pump

The SKF Hydraulically Assisted Heavy Duty Jaw Puller TMHP 50/570X 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 50/570X comes without hydraulic pump and allows own equipment to be used.

- 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

Dimensions

Width of grip external	12.2047 – 19.9213 in
Effective arm length	22.4409 in
Alternative arm lengths	With accessory alternative arms: 5.5 or 12.6 in
Claw height	1.5748 in
Claw length	1.2598 in
Total Arm length	35.9 in
Claw width	0.9449 in
Spindle head, hexagon size	1 3/16 "
Total spindle length	25.5 in

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 available as accessory.
Number of arms	3
Pulling force (max)	51 tf
Hydraulic Cylinder, piston stroke	1.5748 in
Hydraulic Cylinder, Maximum Operating Pressure	11603 psi
Hydraulic Cylinder, Maximum Operating Pressure	11603 psi
Hydraulic Cylinder, Oil capacity	8.79 fl oz
Oil viscosity (maximum)	300 mm²/s
Spindle nose piece	Yes, ■1.38 in
Colour	Black
Material	Alloy engineering steels, hardened and tempered
Coating	Chemical blackened
Content	1x Puller TMHP 50/570X;1x Printed instructions for use;1x Piston hold tool;1x Wooden storage crate

Logistics

Country of Manufacturing (COM code)	25 - Hungary
Product net weight	159 lb
eClass code	23-05-19-01
UNSPSC code	27111712

Compatible products

Type	Designation	Description	Qty
Spare part	**TMHP 50-3**	Spare arm for Hydraulically-assisted heavy duty jaw puller	3
Spare part	**TMHP 50-5**	Spare spindle for Hydraulically-assisted heavy duty jaw puller	1
Accessory	**TMHP 50-1**	Spare arm, for Hydraulically-assisted heavy duty jaw puller	3
Accessory	**TMHP 50-2**	Spare arm for Hydraulically-assisted heavy duty jaw puller	3
Accessory	**LGEV 2/0.035**	Extremely high viscosity bearing grease with solid lubricants	1
Accessory	**TMMS 260**	Tri-section pulling plate	1
Accessory	**TMMS 380**	Tri-section pulling plate	1
Recommended product	**TMHP 50/570**	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1

Type	Designation	Description	Qty
Recommended product	**TMHP 50/140X**	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	**TMHP 50/320X**	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	**TMHP 30/170X**	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	**TMHP 30/350X**	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	**TMHP 30/600X**	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	**TMHP 15/260X**	Hydraulically-assisted heavy duty jaw puller without hydraulic pump	1
Recommended product	**TMHP 50/140**	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	**TMHP 50/320**	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	**TMHP 30/170**	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	**TMHP 30/350**	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	**TMHP 30/600**	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended product	**TMHP 15/260**	Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container	1
Recommended tool	**TMJL 100**	Hydraulic pump with large oil container	1