

SKF TMHS 100

Advanced hydraulic spindle

The TMHS series is an advanced hydraulic spindle with an integrated hydraulic pump for force generation. The spindle contains an integrated cylinder filled with hydraulic fluid. By pumping the hydraulic fluid using the spindle's handle, the piston will advance. The piston will automatically retract by releasing the pressure relief valve. They are equipped with a safety valve, which prevents overloading of the spindle and the puller it is used with.

Technical specifications

Logistics	
Product net weight	4.44 kg
eClass code	23-05-19-01
UNSPSC code	27111712
Properties	
Recommended applications	For use as force generator with desingated SKF pullers in the dismounting of bearings, gears, pulleys and other industrial ring shaped components in industrial, construction and agricultural applications with an interference fit on the shaft.
Special features	Integrated safety valve; Closed hydraulic system
Pulling force (max)	100 kN
Hydraulic spindle, piston stroke	85 mm
Connecting thread (G)	UN 1.5 x 16 tpi
Total spindle length	495
Spindle nose piece	yes, ø 30 mm
Reach (max)	Array mm
Handle length (L _h)	450 mm
Material handle	Steel with Rubber grip
Material	Alloy engineering steels, hardened and tempered; Rubber
Coating	Spindle and handle bar: chrome coated;Spindle body, nose and extention pieces black phosphated
Colour	Metallic and black
Recommended storage temperature	Array °C
Relative humidity	< 75%
Content	1× Hydraulic spindle; 3× Extension pieces: 50, 100 and 150 mm;1× Nosepiece;Handle;Handlebar;QR code card