



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





HMV 100E

Hydraulic nut for mounting or dismounting of bearings

Facilitates easy and quick application of the high drive-up forces required for mounting bearings on tapered seatings. The hydraulic nut can also be used for dismounting bearings mounted on either adapter or withdrawal sleeves.

- Quick connection coupling can be fitted on the face or side of the nut
- A spare set of piston seals and maintenance kit is included
- Supplied with a quick connection coupling to fit the SKF hydraulic pumps
- Equipped with eyebolts, two tommy bars and four mating holes on their front face

Overview

Properties

Type	Metric thread
Product weight	70 kg

Logistics

eClass code	23-05-19-01
Product net weight	73 kg
UNSPSC code	73152101

Dimensions

Connecting thread	Tr 500x5
Thread form	ISO 2901-1977 tolerance class 7H
Maximum piston displacement	19 mm
Outer diameter	636 mm
Piston area	51 500 mm^2
Piston inner diameter	502 mm
Piston outer diameter	609 mm
Piston width	12 mm
Width	67 mm

Performance

Maximum pressure	400 bar
Maximum pressure	40 MPa

Compatible products

Spare part

Quick connecting nipple	729832 A
Spare o-ring set, size 100 for Hydraulic nut (all versions)	HMV 100/233983
M5x17 nylon screw for Hydraulic nuts for size 70 and larger, 10 pcs	HMVE M5X17

Spare maintenance set for Hydraulic nuts, size 70 to 200	HMVM 70/200

Accessory

Feeler gauge with 13 short blades	729865 A
Feeler gauge with 29 long blades	729865 B
Horizontal dial gauge, 0-0.5 inch for Hydraulic nuts	TMCD 1/2R *For mounting with SKF drive-up method*
Horizontal dial gauge, 0-10 mm for Hydraulic nuts	TMCD 10R *For mounting with SKF drive-up method*
Vertical dial gauge, 0-5 mm for Hydraulic nuts	TMCD 5P *For mounting with SKF drive-up method*

Recommended product

Hydraulic Pump for the SKF Drive-up Method for larger size Hydraulic nuts	TMJL 50DU *For mounting with SKF drive-up method and dismounting*
Hydraulic pump 500 bar (50 MPa) with large oil container	TMJL 50 *For dismounting*
Hydraulic pump 1500 bar (150 MPa) with large oil container	728619 E *For dismounting*

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