# SKF HMVC 170E

Hydraulic nut for mounting or dismounting of bearings, with inch thread

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

## Dimensions

| | |
|---|---|
| Connecting thread | 33.473 - 3 |
| Thread form | ACME General Purpose Threads Class 3 G |
| Thread pitch diameter | 33.2874 in |
| Maximum piston displacement | 1.0236 in |
| Outer diameter | 40.1575 in |
| Piston area | 178 in² |
| Piston inner diameter | 33.5433 in |
| Piston outer diameter | 38.9764 in |
| Piston width | 0.6299 in |
| Width | 3.2677 in |

## Performance

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|---|---|
| Maximum pressure | 3626 psi |
| Maximum pressure (MPa) | 25 MPa |

## Properties

| | |
|---|---|
| Type | Imperial thread |

## Logistics

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|---|---|
| Country of Manufacturing (COM code) | 18 - Germany |
| Product net weight | 443 lb |

| | |
|---|---|
| eClass code | 23-05-19-01 |
| UNSPSC code | 73152101 |

## Compatible products

| Type | Designation | Description | Qty |
|---|---|---|---|
| Spare part | **729832 A** | Quick connecting nipple | 1 |
| Spare part | **HMV 170/233983** | Spare O-ring set for Hydraulic nut (all versions) | 1 |
| Spare part | **HMVE M5X17** | Spare nylon screw for Hydraulic nuts for size 70 and larger, 10 pcs | 1 |
| Spare part | **HMVM 70/200** | Spare maintenance set for Hydraulic nuts, size 70 to 200 | 1 |
| Accessory | **729865 A** | Feeler gauge | 1 |
| Accessory | **729865 B** | Feeler gauge | 1 |
| Accessory | **TMCD 1/2R** | Horizontal dial gauge for Hydraulic nuts | 1 |
| Accessory | **TMCD 10R** | Horizontal dial gauge for Hydraulic nuts | 1 |
| Accessory | **TMCD 5P** | Vertical dial gauge for Hydraulic nuts | 1 |
| Recommended product | **TMJL 50DU** | Hydraulic Pump for the SKF Drive-up Method for larger size Hydraulic nuts | 1 |
| Recommended product | **TMJL 50** | Hydraulic pump with large oil container | 1 |
| Recommended product | **728619 E** | Hydraulic pump with large oil container | 1 |