

Image may differ from product. See specification for details.

# SM 16 ELP-ASTR

## Vibracon adjustable chocks, low profile

Low profile chocks (ELP-ASTR) are surface treated alloy steel low profile chocks. They are aimed at applications with limited available chocking heights. Each part is individually surface treated, which gives the chocks a consistent quality and extended performance against corrosion. They can be fitted easily which shorten the installation time.

- A high load capacity
- A broad adjustment range
- An optimized load path through the product
- An optimized bolt/Vibracon combination
- Reduced chock height across the entire range

# Overview

## Dimensions

| | |
|---|---|
| Bore diameter | 22 mm |
| Outside diameter | 80 mm |
| Height, nominal | 30 mm |

## Properties

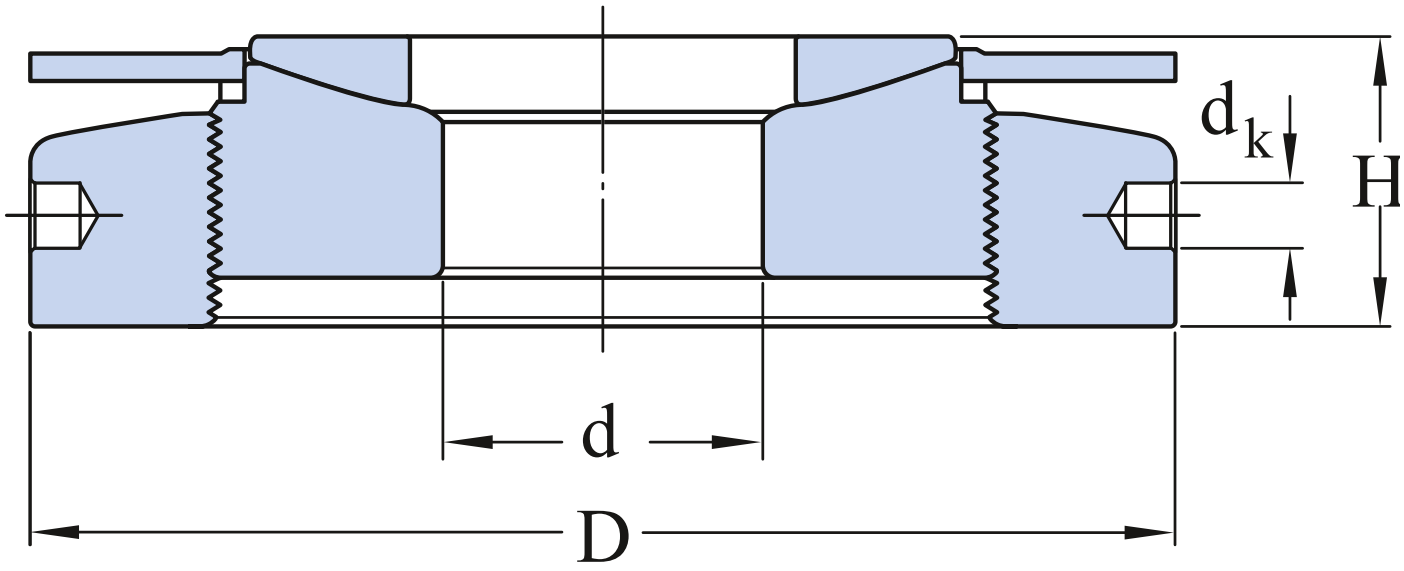
| | |
|---|---|
| Pitch | 1.5 mm |
| Material | Surface treated alloy steel |
| Treatment | Nitrocarburized |
| Application | Gas and diesel engines<br>Compressors<br>Electric motors<br>Gearboxes<br>Generators<br>Pumps and fans<br>Bearing housings<br>Turbines<br>Other critical rotating machinery |

## Logistics

| | |
|---|---|
| Product net weight | 0.772 kg |
| eClass code | 23-05-20-01 |
| UNSPSC code | 20122410 |

## Technical specification

| | |
|---|---|
| Design | Low profile |
| Material | Surface treated alloy steel |
| Treatment | Nitrocarburized |
| Colour | Metallic black |




## Dimensions

| | | |
|---|---|---|
| d | 22 mm | Bore diameter |
| D | 80 mm | Outside diameter |
| H | 30 mm | Nominal height |
| H | min. 25 mm | Minimum height |
| H | max. 37 mm | Maximum height |
| $d_k$ | 6 mm | Key hole diameter |

## Calculation data

| | |
|---|---|
| Proof load | 140 kN |

| | |
|---|---|
| Machine load | 25 kN |

## Mounting information

| | |
|---|---|
| Bolt size (minimum), metric | M16 |
| Bolt size (minimum), inch | 5/8 |
| Tightening torque for minimum bolt size | 215 N·m |
| Bolt size (maximum), metric | M20 |
| Bolt size (maximum), inch | 3/4 |
| Tightening torque for maximum bolt size | 420 N·m |

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