

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

SM 48 E-CSTR

Vibracon adjustable chocks, surface treated

Surface treated chocks (E-CSTR) are often installed in demanding environments, including humid and salty climates – where enhanced corrosion protection is recommended. Each part is individually surface treated, which helps to give the chocks a consistent quality and extended performance against corrosion.

- 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	60 mm
Outside diameter	210 mm
Height, total	89 mm

Properties

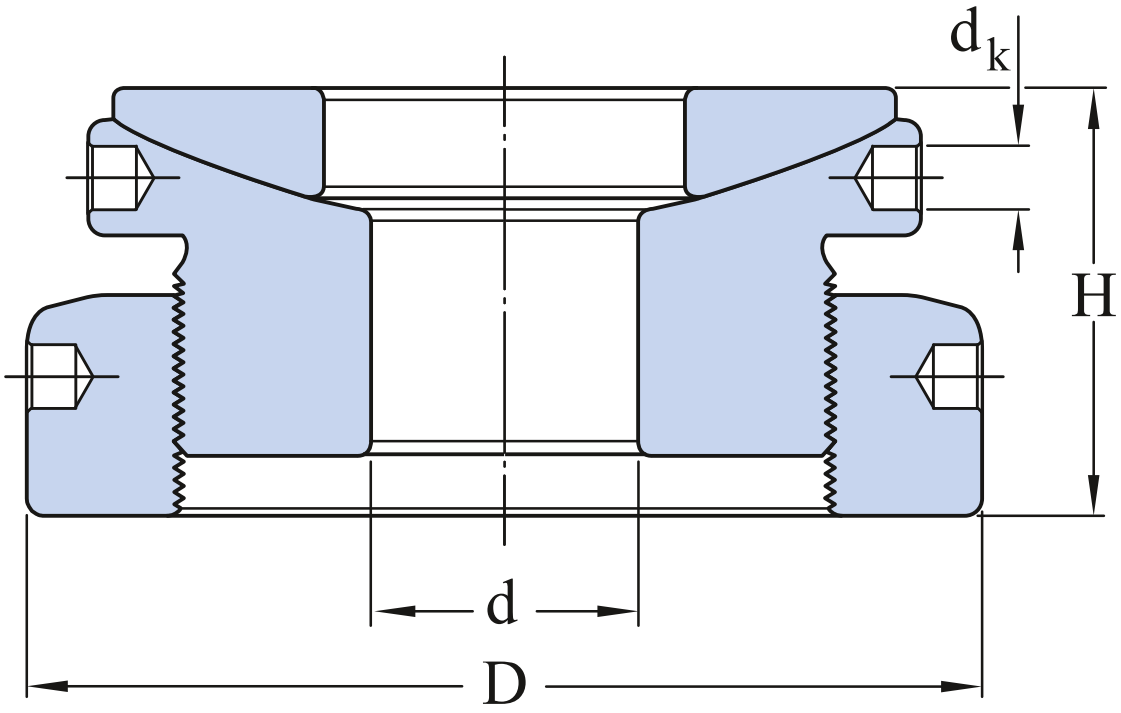
Pitch	3 mm
Material	Surface treated carbon steel
Treatment	Nitrocarburized
Application	Gas and diesel engines Compressors Electric motors Gearboxes Generators Pumps and fans Bearing housings Turbines Other critical rotating machinery

Logistics

Product net weight	14.5 kg
eClass code	23-05-20-01
UNSPSC code	20122410

Technical specification

Design	Standard
Material	Surface treated carbon steel
Treatment	Nitrocarburized
Colour	Metallic black



Dimensions

d	60 mm	Bore diameter
D	210 mm	Outside diameter
H	77 mm	Nominal height
H	min. 70 mm	Minimum height
H	max. 89 mm	Maximum height
d_k	10 mm	Key hole diameter

Calculation data

Proof load	1 150 kN

Machine load	200 kN

Mounting information

Bolt size (minimum), metric	M48
Bolt size (minimum), inch	2
Tightening torque for minimum bolt size	6 210 N·m
Bolt size (maximum), metric	M56
Bolt size (maximum), inch	2 1/4
Tightening torque for maximum bolt size	9 660 N·m

Compatible products

Recommended product

Vibracon adjustable chocks, stainless steel	SM 48 E-SS
Vibracon adjustable chocks, carbon steel	SM 48 E-CS
Vibracon adjustable chocks, surface treated	SM 42 E-CSTR
Spherical washer	SMSW 48 -ASTR
Spherical washer	SMSW 56 -ASTR

Recommended tool

Vibracon adjustment tool	SMAT 010
Wireless laser shaft alignment system	TKSA 41
Belt alignment, pulley side, red laser, 2 laser units with belt measurement accessories	TKBA 31

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