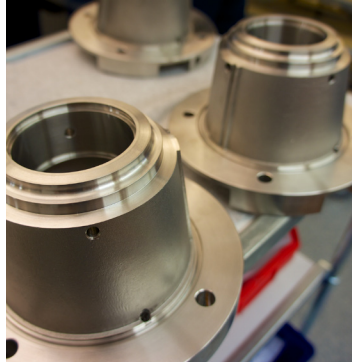
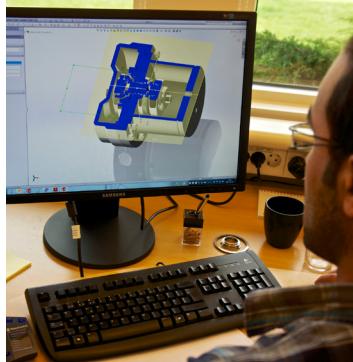




A quality conscious organization



Headquarters

Huhnseal AB

Visiting address:

Järvgatan 1 - 261 44 Landskrona - Sweden

Delivery address:

Box 288 - 261 23 Landskrona - Sweden

Tel: +46 418 44 99 40 - Fax: +46 418 44 99 69

sales@huhnseal.com

www.huhnseal.com

a member of



**Meccanotecnica
Umbra**
a Story of Excellence

join us:



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ITALY

Huhnseal / Meccanotecnica Umbra S.p.A.

Via G. Agnelli, 7

06042 Campello sul Clitunno (PG) ITALY

Phone: +39 331 6870228

Fax: +39 0743 279.242

sales.italy@huhnseal.com

CHINA

Huhnseal / Meccanotecnica Umbra (Qing dao)

North of No 8 road, jiao zhou wan

industrial park, jiao zhou, Qing dao, PRC

Phone: +86 138 64289 712

Fax: +86 531 86057 318

sales.china@huhnseal.com

BRAZIL

Huhnseal / Mecanotécnica do Brasil Ltda

R. João Maria Goes, 399

83060-206 São José dos Pinhais - PR - Brasil

Phone: +55 41 9943 5559

Fax: +55 41 3381 2621

sales.brazil@huhnseal.com

INDIA

Huhnseal / Meccanotecnica India Pvt.Ltd.

351, Sr. No. 28/3/1, Ambegaon Kh.,

Near Jambulwadi Lake, Pune 411 046

Phone: +91 020 67919600

sales.india@huhnseal.com

USA

Huhnseal / Meccanotecnica USA Inc.

41650 Gardenbrook Rd.

Suite 110 - Novi, MI 48375

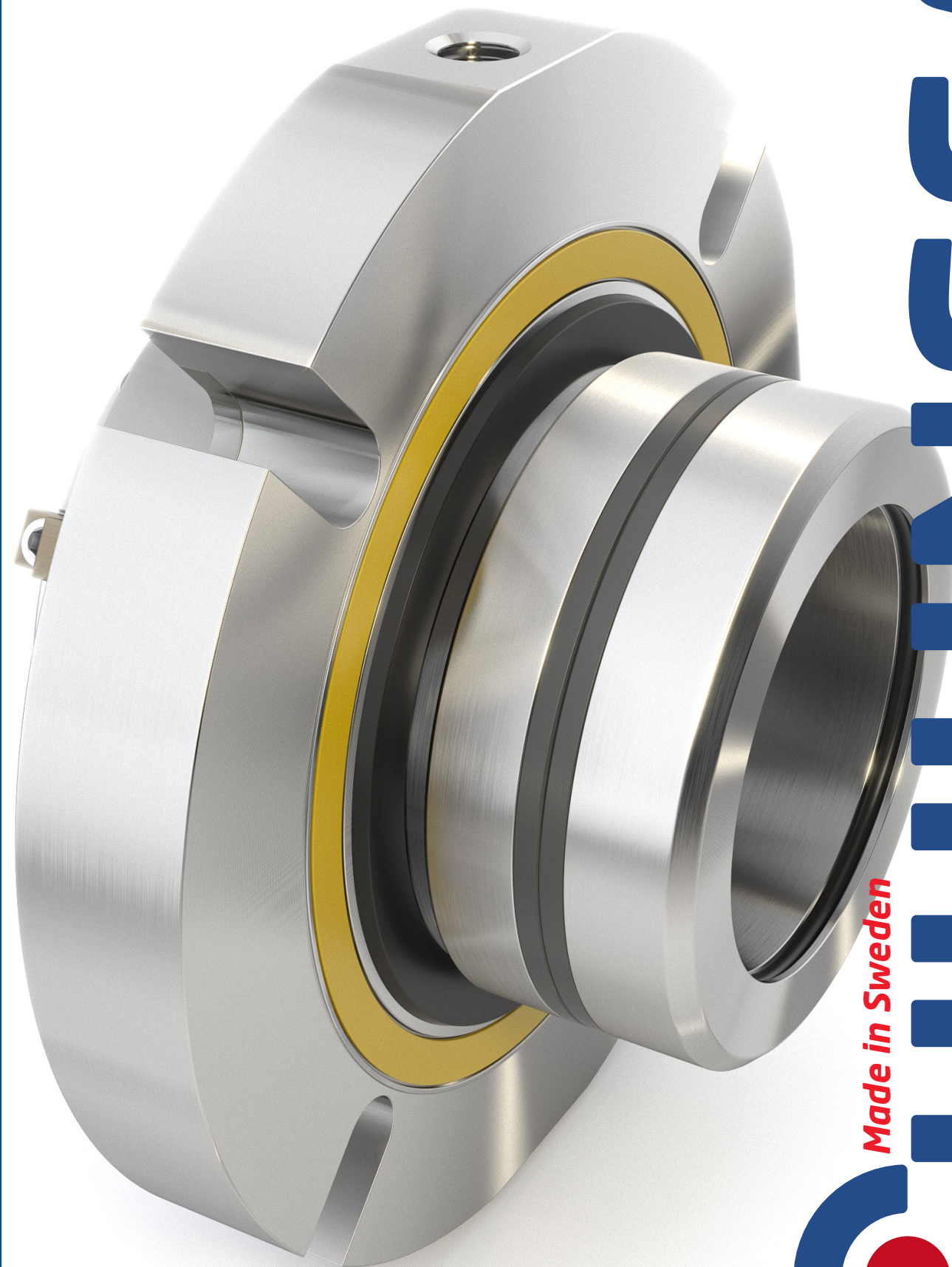
Phone: +1 (248) 347-0606

Mobile: +1 (256) 731-0381

sales.usa@huhnseal.com

BFS series

**Zero-Flush Mechanical Seals
designed for slurry applications**



Made in Sweden



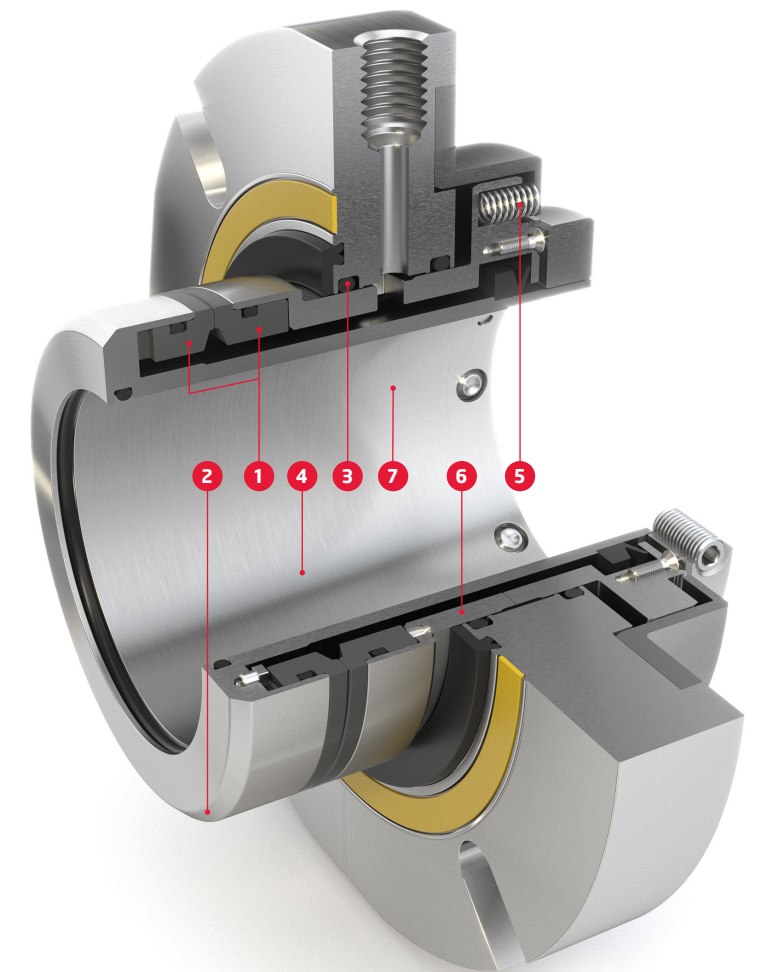
HUHNSEAL

- **Zero-Flush Mechanical Seals designed for slurry applications**
- **Non-clogging springs isolated from the slurry and surrounding environment**
- **Seal face and holder profile minimizes turbulence and reduces wear**
- **Excellent axial movement capabilities**



Huhnseal BFS is a balanced single mechanical seal specially designed for slurry applications. The spring package is placed outside of the product zone to avoid clogging. The use of this spring package allows for larger axial movement capabilities compared to conventional spring packages. The design is robust with premium materials from top suppliers. In the sealing area the surfaces are smooth with no sharp edges and corners to avoid inducing turbulent flow which will increase the wear. Special rubber wiper protects the dynamic o-ring and groove from getting clogged and worn by abrasive slurry.

- 1 Seal faces**
Standard silicon carbide faces with optional diamond coating or tungsten carbide
- 2 Wear resistant design**
Axially aligned seal profile of the wetted parts help to avoid inducing turbulent flows that cause excessive wear
- 3 Protected dynamic o-ring**
Wiper protects the o-ring and groove from getting clogged and worn by abrasive slurry
- 4 Robust design for slurry applications**
Various metallurgy and coatings are available to help reduce wear and corrosion
- 5 Non-clogging spring package**
Springs are isolated from the slurry to prevent clogging
- 6 Excellent axial movement capabilities**
Design makes it possible for the seal to handle large axial movement to simplify impeller adjustments
- 7 Zero - Flush Mechanical Seal**
Seal faces are cooled and lubricated by the slurry. No additional water flush is necessary which provides substantial water savings



Operation limits:
Temperature up to 80 °C without quench
Speed up to 18 m/s - Pressure up to 25 bar
Slurry with up to 60 % solid contents by weight

