



Bearing Support Range

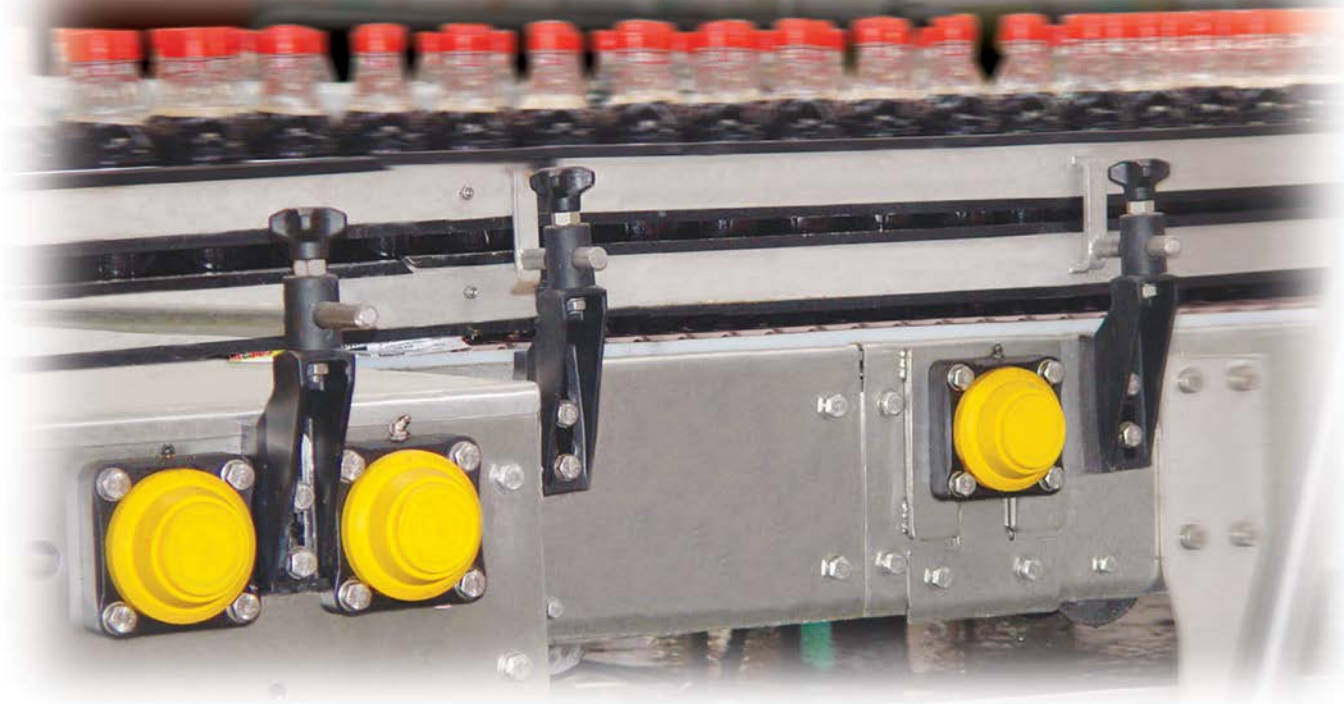


November 2012



EMERSONTM
Industrial Automation

EMERSON. CONSIDER IT SOLVED.™



Food industry -

Advantages:

- excellent corrosion resistance
- compatible with working fluids
- easy cleaning
- high mechanical resistance
- long life
- low maintenance

Chemical and Pharmaceutical -

Advantages:

- excellent chemical resistance
- high oxidation resistance
- easy cleaning
- light-weight
- high mechanical resistance
- long life
- low maintenance

Agriculture -

Advantages:

- good resistance to dirt and dust
- easy cleaning
- high vibration resistance
- high mechanical resistance
- long life
- low maintenance

Material handling -

Advantages:

- good resistance to dirt and dust
- suitable for humid environments
- high vibration resistance
- light-weight
- easy cleaning
- high mechanical resistance
- long life
- low maintenance

Bearing Support Units in Thermoplastic Material

In many different industries, such as food, chemical and pharmaceutical, material handling and even agriculture, bearings must provide for long periods of uninterrupted service.

Therefore, a bearing offering low maintenance and “trouble-free” operation must be introduced.

System Plast thermoplastic bearings are the best solution.

The constant evolution of the Bearing Line range enables System Plast to provide a suitable product for a wide variety of applications, including the most challenging ones.

Our range

System Plast offers a selection of bearings for shaft diameters ranging from 12mm to 40mm.

Providing true support, the bearings are available in Flanged or Pillow Block versions, and Take Up Unit or Framed Take Up Unit versions.

These products essentially combine two innovative elements: a housing in highly resistant thermoplastic material, and a protective stainless steel pressed cover.

All bearings are treated on the surface to safeguard the product from corrosion, allowing for operation even in humid environments.

Also, all bearings are lubricated with a special “long-life” grease.

STANDARD FLANGED BEARING SUPPORT FOR PLAIN SHAFTS

Materials:

Polyamide

- Housing in Polyamide
- Bearing in chrome steel
- Relubricable

Polypropylene

- Housing in Polypropylene
- Bearing in stainless steel
- Relubricable

SFL

Ø 12-15-16-17-20 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Low



SQL

Ø 12-15-16-17-20 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: Good



UCFQ

Ø 12-15-16-17-20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High



UCF

Ø 20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Low



UFL

Ø 12-15-16-17-20 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Low



UCFT

Ø 12-15-16-17-25 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High



UCFH

Ø 12-15-16-17-20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High



UCFL

Ø 20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Low



UCFC

Ø 25-30-35 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Low



UCFA

Ø 20-25-30 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: Good



UCFG

Ø 25-30-35 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: Good



UCP

Ø 12-15-16-17-20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Low



UCPA

Ø 20-25-30 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Low



UCT

Ø 20-25-30-35 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Low



UCHA

Ø 20-25-30-35 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: Good

Polypropylene

Corrosion resistance: High



UCHE

Ø 20-25-30-35 mm.

Polyamide

Corrosion resistance: Moderate
Mechanical resistance: Good

Polypropylene

Corrosion resistance: High



COMPLETE SEALED UNITS FLANGED BEARING SUPPORT FOR PLAIN SHAFTS

Materials:

Polyamide

- Housing in Polyamide
- Bearing in chrome steel
- Waterproof
- Relubricable

Polypropylene

- Housing in Polypropylene
- Bearing in chrome steel
- Waterproof
- Relubricable

SFL-Z

Ø 12-15-16-17-20 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



UCFQ-R

Ø 12-15-16-17-20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High



UCF-R

Ø 20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



UFL-Z

Ø 12-15-16-17-20 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: High



UCFH-R

Ø 12-15-16-17-20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High



UCFL-W

Ø 20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Good
Mechanical resistance: Good



UCFC-Y

Ø 30-35 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



UCFA-R

Ø 20-25-30 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High



UCFG-R

Ø 25-30-35 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High



UCP-R

Ø 12-15-16-17-20-25-30-35-40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



UCPA-R

Ø 20-25-30 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



UCT-R

Ø 20-25-30-35 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



UCHA-R

Ø 20-25-30-35 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



UCHE-R

Ø 20-25-30-35 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good



FLANGED BEARING SUPPORT FOR SHOULDERED SHAFTS

Materials:

Polyamide

- Housing in Polyamide
- Bearing in chrome steel
- Waterproof
- Relubricable

Polypropylene

- Housing in Polypropylene
- Bearing in chrome steel
- Waterproof
- Relubricable

F

Ø 25/30-30/35-35/40-40/45 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Low



FC

Ø 30/35-35/40 mm.

Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: High
Mechanical resistance: Low



MAINTENANCE FREE SUPPORTS

Materials:

Polyamide

- Housing in Polyamide
- Bearing in chrome steel
- Maintenance free bearing
- Waterproof

Polypropylene

- Housing in Polypropylene
- Bearing in chrome steel
- Maintenance free bearing
- Waterproof

UCFH-RL

Ø 30-40 mm.



Polyamide

Corrosion resistance: Good
Mechanical resistance: High

UCFQ-RL

Ø 30-40 mm.



Polyamide

Corrosion resistance: Good
Mechanical resistance: High

UCF-RL

Ø 30-40 mm.



Polyamide

Corrosion resistance: Good
Mechanical resistance: High

Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: Good

BEARING SUPPORT WITH COVER IN STAINLESS STEEL

Materials:

Polypropylene

- Housing in Polypropylene
- Cover in Stainless Steel
- Bearing in chrome steel

CS

Ø 40 mm.



Polypropylene

Corrosion resistance: Good
Mechanical resistance: High
Relubricable

US

Ø 30-40 mm.



Polypropylene

Corrosion resistance: Good
Mechanical resistance: High
Relubricable

US-R

Ø 30-40 mm.



Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: High
Waterproof
Relubricable

CS-R

Ø 40 mm.



Polypropylene

Corrosion resistance: Excellent
Mechanical resistance: High
Waterproof
Relubricable

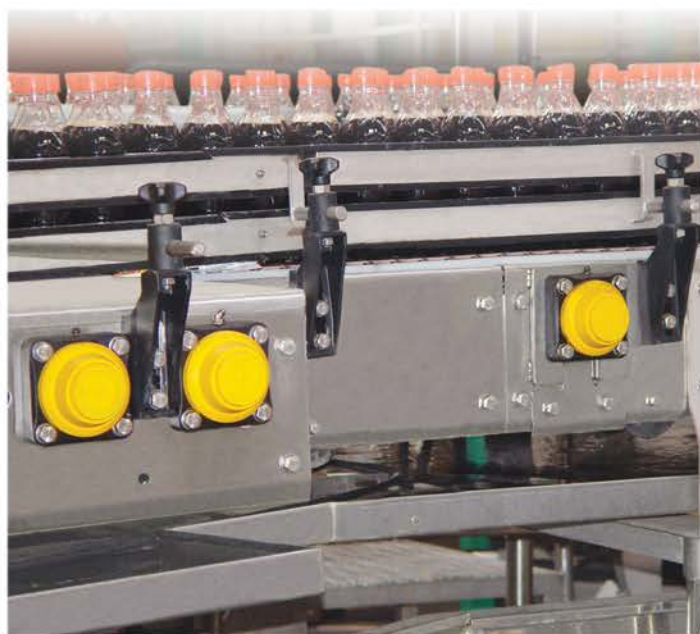
CS-RL

Ø 40 mm.





Polypropylene

Maintenance free bearing
Corrosion resistance: High
Mechanical resistance: High
Waterproof






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