

# ***PTI*** your supplier for the food and beverage industry

PTI Europa A/S - Products for the food and beverage industry

## **The food and beverage industry**

Is an industry where the competition on both the national and international market is very hard. The world population is constantly growing and we, as consumers, demand food to competitive prices and in a good quality.

PTI can be your business partner with transmission parts for the food and beverage industry. We supply a wide product range of stainless steel bearings and transmission parts, waterproof thermoplastic and plastic housings

and also specially designed solutions that can fulfil the requirements of your production needs.

PTI has for several years been the main supplier of bearings for Meyn Food Processing Technology B.V who is a world-wide supplier, manufacturer and developer for the poultry processing industry.



### **Themes**

- **Stainless steel applications**
- **Waterproof and thermoplastic housings**
- **Volution - Bearings with solid oil**
- **PTI celebrates 25 years**
- **SNHF-housing in stainless steel**
- **ISO certified**
- **Powder coating**
- **Refillable automatic lubricator**
- **Ceramic bearings**
- **Linear Solutions**
- **Webshop**

# Stainless steel applications

Transmission parts for the food and beverage industry often have to endure harsh environments, where the hygiene has to be at its very best and without the risk of contaminating the food or liquids they are in contact with. We supply a complete and flexible program that accommodate these demands.

We keep a wide range of different stainless steel bearings in stock, from ball bearings with a shaft size from 8 mm up to 120 mm. Our ball bearings are fabricated from steel AISI 440C and are mounted with double seals that efficiently keep liquids out. Our seals and grease meets the requirements of the food industry with reference to FDA/EC1935/2004.



PTI provides pillow block and flanged housings in stainless steel as well as thermoplastic with stainless steel bearing inserts. Our housings are with a solid base bottom, which prohibits dirt and bacteria to grow underneath the housing.

PTI roller chains can be delivered in both stainless steel and corrossions resistant versions.

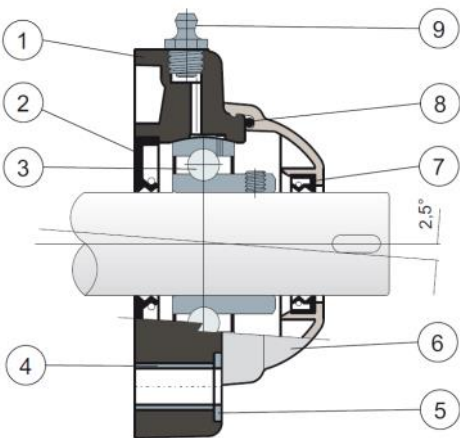
We offer specially designed solutions for example special seals, colours, markings, grease types and much more

See our stainless steel and corrosion resistant program on our homepage under: Products - Corrosion resistant



## Advantages waterproof units

- Protects the bearing against water, dust, humidity and chemicals.
- Especially suitable for dirty environments and/or the food and pharmaceutical industry.
- The cover can be dismounted for inspection of the bearing.
- The cover can be provided as an open and closed solution and in custom-made colours.
- The housings can, on demand, be provided with an antibacterial coating.
- More information please visit our homepage



## Waterproof units

As a new addition to our product range, we are now offering complete waterproof units. These bearing units with FDA proofed grease and with the possibility of stainless steel bearing inserts are especially suitable for the food and pharmaceutical industry



### Specifications:

- 1) Fibreglass reinforced polyamide housing.
- 2) Waterproof back gasket made out of NBR rubber. Can be provided in Viton on demand.
- 3) Bearings with FDA proof grease and anti corrosion zinc plating or in stainless steel 440C.
- 4) Reinforced spaces in stainless steel 304C.
- 5) Support washer made out of stainless steel 304C.
- 6) Protection cover made of polypropylene (grey RAL 7042).
- 7) Waterproof front gasket made out of NBR rubber.
- 8) O-ring seal in the cover.
- 9) Greaser for lubrication in stainless steel.

Maximum shaft alignment error 2,5°.

Temperature index: -30°C too +120°C

# Volution - Bearings with solid oil

Lifetime lubricated and seal in the same product

PTI are from now on able to deliver bearings with solid oil. Bearings with solid oil is a good choice to use in the places that are hard to get to, mainly because they don't need to be lubricated.

We have sole permission to deliver VOLUTION PolyLube in Denmark.

Bearings with a V-PolyLube filling never require lubrication. Because the solid polymer filling blocks dirt from entering the bearing.



Bearings with PolyLube come in different types of solid oil depending on your need

Product code	Food production	Industrial application	Extreme Wash-Down	Lower Temp	Upper Temp
VPL3000		x	x	-40 C / -40 F	93 C / 200 F
VPL3500		x	x	-48 C / -55 F	100 C / 215 F
VPL4000F	x	x	x	-48 C / -55 F	93 C / 200 F
VPL5000		x	x	-34 C / -30 F	175 C / 350 F
VPL5500F	x	x	x	-34 C / -30 F	175 C / 350 F
VPL6500F	x	x	x	-53 C / - 65 F	120 C / 250 F





# PTI celebrates 25 years

In 2016 we were able to celebrate our 25 year anniversary

It all started in 1991, where we bought an old school and started as part of the German HFH group. In 1996 we decided to join with the American company P.T. international, which resulted in our present company name.

This partnership ended in 2005 where we became independent, but we kept the name PTI Europa A/S.

From our start in an old school building, to today having more than 5000 m2 of storage space with over 40.000 item numbers, we have developed to become solid and well known on the market with one of the widest product ranges concerning ball bearings and transmission parts.

This thriving development is caused by our qualified employees, strong national and international partners and our high service level and know how, which makes us able to quick and efficiently solve our customers problems.



**We are the main supplier of Meyn Processing Technology B.V**  
**more information on the last pages of this brochure**



# Two departments = one strong partner

PTI is divided over two addresses in respectively, Højer, close to the German border and in Støvring near Aalborg. Our department in Støvring is the largest independent dealer of FAG/INA products in Denmark, as well as an authorised dealer of bearings from SLF and belts from Optibelt.

At our department in Højer, we mainly sell our own PTI brand products to both OEM customers and dealers throughout the world. These are manufactured according to PTI's specifications at our regular partners all over the world. Our products are a strong alternative to other competitors in terms of quality and price. All incoming goods are checked according to established ISO certified procedures.

Now we can service orders varying from one up to several thousand pieces. In accordance to this we offer shipment to Europe and the whole world at competitive prices.

PTI does everything to find solutions and fulfil the desires of our customers, whether this should be long-term projects, refilling stocks or quick emergency assignments.

You have a strong partner in PTI, whether it concerns the purchase of brand-name products or if you want an alternative price solution that can give you a competitive advantage.



## Shipments

All our orders are usually packed and sent within the day we have received the order. We deliver all over Europe and the rest of the world at very competitive freight prices. All our shipments are checked twice before they are dispatched. After dispatch, you will be sent a shipping number so you can track your package at any time.



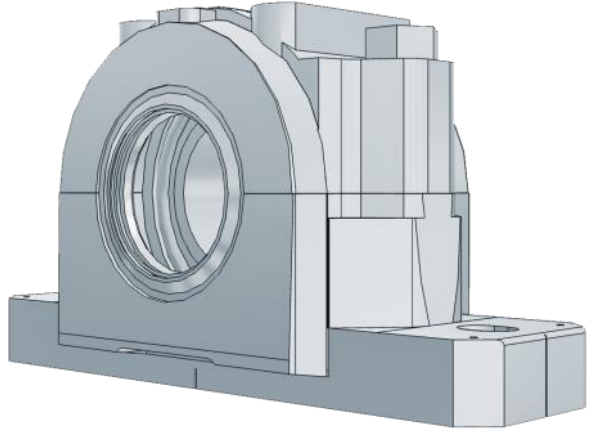


**Big as small – PTI is always ready to help**

# SNHF housing now in stainless steel

our split plumber block housings from the SNHF series, are available in in AISI304 Stainless steel (alternative to SNL / SNI / SNU / SNK / SNG / SNV).

We are one of the few suppliers in the world, who offer this option to our customers.



**We make the work day easier for our customers - That is our customer promise, which we work hard to fulfil every single day**

## ISO certified

Even though PTI always have worked in the ISO spirit, by only purchasing from certified and approved factories, we officially became ISO certified the 6. Of May 2014.

The main purpose with our ISO 9001 certification is to show our customers, that we strive to better our selves when it comes to quality and continuity in our products, delivery times and services.

Furthermore we hope to be even stronger when it comes to control and consistency of supply, to secure a good cooperation with our customers.

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**ISO spirit:**

***"A mistake is only allowed to happen once "***

**- Mogens Larsen  
ISO Consult**

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# YOUR WISH IS OUR DRIVE

# Powder Coating

## Made in Denmark

PTI Europa A/S

NEWEST standards. BETTER techniques. **ENDLESS** possibilities.

**STAINLESS UNITS UNAVAILABLE  
... OR TOO EXPENSIVE?**

With our newly established Powder Coating Paintshop we can swiftly provide a working alternative!

**DRY WITHIN MINUTES!  
INCREDIBLY RESISTANT!**

Shaft diameter	Price per pc., EUR	Discount, <u>min. 50 pcs.</u>	Discount, <u>min. 100 pcs.</u>	Discount, <u>min. 200 pcs.</u>
Ø12-25	3,00	5 %	10 %	15 %
Ø30-65	4,00			
Ø70-120	6,00	5 %	15 %	20 %
Ø125-180	7,50			
From Ø185	9,00			

Above prices include sand blasting, cleaning, handling and are valid with a lead time of approx. 1 week. Guaranteed shipping within 48h is available at an additional fee of 100,00 EUR each 100 housings. Ask us about our stainless or galvanized bearing inserts.

**We are using CEWEPOL WB® High Quality Outdoor Powder Coating:**

- ✓ UV and weather resistant
- ✓ High gloss- and color stability
- ✓ Very good corrosion resistance (1000h, <1mm)
- ✓ Individual coating thickness after agreement (70~500 µm)
- ✓ High surface hardness (>90, ISO2815)
- ✓ Very good chemical resistance against strong acids and alkali



Our Paintshop is approved and frequently audited by the official Danish Working Environment Authorities (Arbejdstilsynet).



PTI.eu



Your wish is our drive

## Refillable automatic lubricator



All pillow block and flanged housings can be mounted with a grease container filled with FDA approved grease.

The grease containers can be mounted both indoors, outdoors and even under water and can be placed where the access is limited. With these grease containers you are ensured that the bearing gets the right amount of lubrication, hereby preventing expensive repairs and save money in the long run. The transparent design makes it easy to keep track of the remaining grease.

The grease interval can easily be adjusted to for example 1, 3, 6 or 12 months. Suitable adapters can be delivered for different housings.

See more on our homepage:

Products - Accessory

## Ceramic Bearings

We offer bearings with ceramic balls where the inner and outer rings are produced in hardent steel.

Bearings with ceramic balls possesses the advantage, of having a longer lifespan than a standard bearing.

This is adventitious to install in places that are hard to get to.

Bearings with ceramic balls has lower friction which results in lower energy costs, these also act as a electrical insulator.

We offer different models and these can, as almost everything else in our product range be delivered adapted to suit your desires. We produce our own brand PTI and deal the brand SLF.



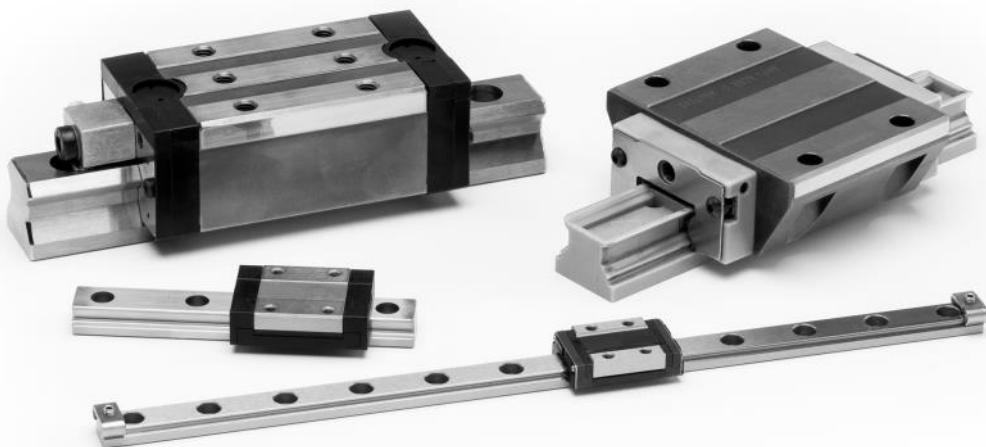


## Linear solutions

Our department in Støvring offers Linear solutions and with their many years of experience, we can secure you a competent counselling both before, under and after purchase.

With our strong North-German partner we are able procure slide rails, slide bushings and slideways in all sizes and lengths.

Contact our department in Støvring for more information.







**More than 40.000 item numbers divided  
over 5500 m2 of storage space**

# Visit our webshop


On our webshop [shop.pti.eu](http://shop.pti.eu), it is possible to order products, see our stock, gross and net prices, favourite lists and previous orders.

On our website [pti.eu](http://pti.eu) you can find drawings and dimensions for most of our products.

Everything you need to get a login for the webshop is on our homepage. Fill out the required login information at; [pti.eu](http://pti.eu), after which you will receive a password within 24 hours and have full access to the webshop.

Should you forget your password, please follow the same instructions and we will send a new password as soon as possible.

We are, of course, still personally available for orders, enquiries, etc., on both e-mail and telephone.



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## Products


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Bushings




High Temperature




INA / FAG




Sprockets




Chains




V-Belts and Timing Belts



Shaft Couplings



Rod Ends





# Interview with Meyn Food Processing Technology B.V.

For this brochure we have interviewed Eline Versteeg, Corporate and internal communication responsible, at Meyn Food Processing Technology B.V.



## Who is Meyn?

Eline, Meyn - *"Meyn has been fully dedicated to poultry processing for many years now. Our knowledge, equipment, systems and services are available all over the world. Today we are very proud to be the dedicated business partners of numerous renowned poultry processing companies in over a hundred countries.*

*The world population continues to grow and the level of prosperity in upcoming markets is increasing rapidly. Global demand for animal protein is expected to grow accordingly. More mouths to feed means major market opportunities for your business, but it also brings serious challenges. How can you feed the world responsibly without jeopardizing your competitive edge and business continuity?*

*Working with Meyn means you can rely on intelligent, innovative, customized and sustainable solutions that enable our customers to meet the challenges of today's market and tomorrow's society. Our customers' success is our goal. Every day, all over the world."*

***Continues on the next page***

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## Info om Meyn

**Meyn Food Processing Technology B.V. manufactures and distributes equipment and systems for the poultry processing industry worldwide.**

**Meyn is unique in the fact that it is the only global supplier of systems, equipment and services that is 100% dedicated to the worldwide poultry processing industry.**

**Meyn plants and installations operate in more than 90 countries across the globe.**

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### **Why did we become your supplier?**

Eline, Meyn - *"The main reason we have chosen to work with PTI is the good combination of price, technique, logistics and flexibility. You deliver custom made bearings for Meyn and are willing to keep them in stock which enables us to answer to the challenges of our customers."*

### **What do we sell to you?**

Eline, Meyn - *"We buy all our bearings at PTI, which is about 250.000 pieces per year in 350 special varieties."*

### **The future cooperation between Meyn and PTI?**

Eline, Meyn - *"We are very happy in the way PTI takes care of its customers so far and how they help us to realize our corporate goals in the field of on time and complete deliveries to our customers."*

*We hope to work with PTI for a long time. "*

### **We speak:**



### **Contact us:**

Contact us by phone or e-mail for more information about our products and services:

#### **PTI Europa A/S**

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Visit us on the internet:

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[shop.pti.eu](http://shop.pti.eu)

Our department in  
Støvring:

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