

# Fulfilling our customers needs with SOLVE custom care

# IPTCI™

SOLUTIONS BY SOLVE »»

The capacity for Solve IMG to tailor our products to fit our customer needs. Even when they're not immediately visible.

## The Customer Challenge

The customer had previously tried out several of our IP69K bearings and was extremely pleased with the results. Due to the exceptional performance of the IP69K bearings already being used within the facility, the customer thought they'd be the best fit for their commercial dishwasher application. The customer already had intentions on putting them on a multitude of parts on the machine but a problem arose when the length through bore of the standard bearing assembly was too long for one of the desired locations.

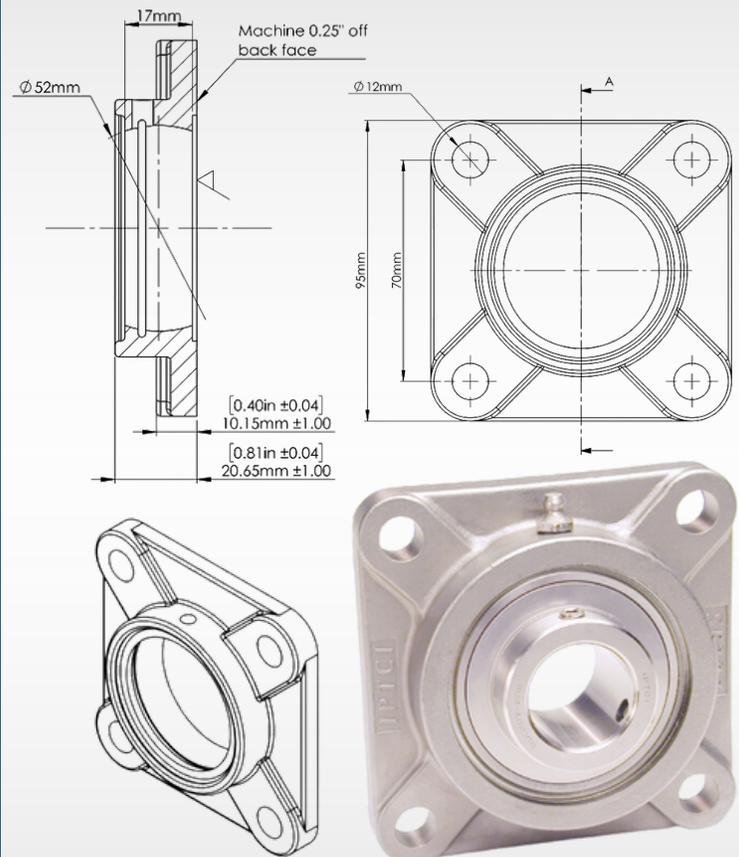
## The Solve Solution

Nate Rumph, an Application Engineer at Solve, took a visit out to the facility where he learned the root cause of the issue.

The solution that SOLVE Engineering proposed was for us to machine the back of the housing down 0.25" to cut down on the overall length just enough to allow them to use the bearing. Since machining the insert was not an option.

Within about a week there were talks about machining the housing, and within two weeks there was a finalized drawing sent out for approval.

These corrosion-resistant, stainless steel IP69K Series bearings are engineered to stand up to the most rigorous operating conditions, including high-pressure caustic washdowns, at a price-point that is surprisingly affordable.





**IP69K  
SERIES**

- Unique triple-lip molded rubber composition provides superior protection against dust and liquid intrusion.
- “Lubed for life” with H-1 food-grade grease to eliminate lube holes, grease zerks, and other potential areas of intrusion.
- High-quality, corrosion-resistant stainless steel construction extends the life of the bearing.
- No external seals or covers required.
- From an industry leader in mounted bearings and mechanical power-transmission components.
- Specify IPTCI’s IP69K Series for your most challenging applications. Dustproof. Waterproof. Hassleproof.

**The Solve Product**

Engineered to stand up to the most rigorous operating conditions — including high-pressure caustic washdowns and other cleaning and sanitizing procedures — the new IPTCI® IP69K Series is a massive leap forward in safety, reliability and sealing effectiveness.

The IP69K Series is ideal for food manufacturers, poultry and meat processors, pharmaceutical manufacturers, bottling companies, canning operations, car washes — any environment where bearings are subject to close-range, high-temperature, high-pressure caustic washdowns and frequent temporary submersions.



**SOLVING ALL YOUR BEARING AND  
POWER TRANSMISSION NEEDS  
WITH ONE CLICK OR ONE CALL**

»» **Superior Product Availability**

50,000+ bearings and power transmission components Available via Solve Express™, including same-day delivery, complete coverage – metric and imperial. Nimble custom and private label solutions.

»» **Quality + Performance + Price**

Brands you know and trust. Quality assurance programs and certifications. High-performance options for challenging applications. The Solve Sweet Spot™ – perfect blend of performance + value.

»» **Expertise You Rely On**

Knowledgeable technical sales support, extensive engineering capabilities, full training, education and support tools available. 50+ years of specializing in bearings and power transmission.

»» **Trustable Attentive Service**

Meeting customer needs with Solve 360 Service™. 24/7 access to professional, responsive solutions, a national network of sales and product support, and custom market incentive programs.



- 10x longer bearing life**
- 50% savings in annual bearing costs**
- 50% savings in maintenance hours**