

The IPTCI® IP69K Series is designed to withstand extreme operating conditions, including high-pressure caustic washdowns and frequent submersions, ensuring superior safety, reliability, and sealing effectiveness. It's ideal for industries such as food manufacturing, pharmaceuticals, meat processing, and car washes, where bearings are exposed to harsh cleaning and sanitizing procedures.



## 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 IP69K Standard

**IP:** Ingress Protection rating.

**FIRST DIGIT:** Protection against solids. “6” means dust tight; no ingress of dust.

**SECOND DIGIT:** Protection against liquids. “9K” means protection against close-range, high-pressure, high-temperature washdowns and steam cleaning.

## PRODUCT RANGE

**SIZES:** 201 – 210 (1/2" to 2"; 20mm to 50mm). Larger sizes available upon request.

**CONFIGURATIONS:** Available in all major housing configurations (including Stand-Off Series).

**NOMENCLATURE:** SUC 205 16 IP69K

## HOUSING OPTIONS

**Stainless Steel** - IPTCI’s stainless steel housings ideal for highly corrosive applications, offering superior resistance to flaking, cracking, deformation, and discoloration. They feature smooth surfaces, solid bases and backs to minimize contaminants, and are capable of withstanding significant radial loads. Various styles, including options with end caps, are also available.

**Thermoplastic** - IPTCI’s thermoplastic housings offer a cost-effective alternative to stainless steel, with strong corrosion resistance and favorable mechanical, thermal, and electrical properties. Made from glass-reinforced PBT resin, these housings are resistant to moisture absorption and have an operating temperature range of -10°F to 210°F. Like stainless steel models, they feature smooth surfaces, solid bases, and backs, with stainless steel sleeves, bushings, and grease fittings.

## CUSTOMER BENEFITS:

10x Longer Bearing Life

50% in Maintenance Hours

50% Savings in Annual Bearing Costs

IP69K Series	201	202	204	205	206	207	208	210
Shaft Sizes (inch)	1/2"	5/8"	3/4"	1"	1-1/8" 1-3/16" 1-1/4"	1-1/4" 1-7/16"	1-1/2"	1-15/16" 2"
Shaft Sizes (metric)			20MM	25MM	30MM	35MM	40MM	50MM
 Pillow Block (SP)	●	●	●	●	●	●	●	●
 Tapped-Base Pillow Block (SPA)	●	●	●	●	●	●	●	●
 4-Bolt Flange (SF)	●	●	●	●	●	●	●	●
 3-Bolt Flanged Bracket (SFB)	●	●	●	●	●	●	●	●
 2-Bolt Flange (SFL)	●	●	●	●	●	●	●	●
 Piloted Flange (SFCS)					●	●	●	●
 Hanger Bearing (SHA)				●	●	●		
 Wide Slot Take-up (ST)					●	●	●	●
 Narrow Slot Take-up (STRS)				●	●	●		
IP69K Stand-Off Series								
 Tapped-Base Pillow Block (SOPA)	●	●	●	●	●	●	●	●
 4-Bolt Flange (SOF)	●	●	●	●	●	●	●	●
 3-Bolt Flanged Bracket (SOFB)	●	●	●	●	●	●		
 2-Bolt Flange (SOFL)			●	●	●	●	●	●