



CORROSION RESISTANT BEARING & HOUSING SOLUTIONS

CORROSION RESISTANT

BEARING INSERT SPECIFICATIONS

SUC - Stainless Steel

The most common solution for hostile chemical wash down applications, stainless inserts are composed of the following:

Balls & Rings	440 Stainless Steel
Set Screws	304 Stainless Steel
Slinger & Seal Frame	302 Stainless Steel
Retainer	302 Stainless Steel
Eccentric Collar (SNA only)	304 Stainless Steel
Seal	Silicone Rubber
Lubrication	H-1 Food Grade Grease
Operating Temp. Range	-1° F to 250° F



HOUSING OPTIONS

304 Stainless Steel

Stainless steel housings are generally the most effective solution for highly corrosive applications. They do not experience the same flaking, cracking, deformation or discoloration issues associated with other corrosion resistant housing materials. They are virtually unaffected by scrapes and can easily handle significant radial loads.

Thermoplastic

Where proven corrosion resistance must be balanced with more favorable economics, thermoplastic housings are an excellent choice, and can be assembled with any insert in our catalog.

EBC thermoplastic housings are off-white in color and made from glass reinforced PBT resin. Along with excellent chemical resistance, this high performance grade plastic offers very favorable mechanical, thermal and electrical properties. Also, compared with other types of plastics, EBC thermoplastic is very resistant to moisture absorption. Operating temperature range is -10° F to 210° F.

EBC thermoplastic housings are made with extremely smooth surfaces and have solid bases and backs. All sleeves, bushings and grease fittings used in our thermoplastic units are made from 300 series stainless steel.

