



**ABEC-1 Precision bearings in stamped zinc plated steel housings:** Economical alternative to ABEC-1 bearings in plastic housings. These bearing inserts work well in higher load and speed applications while maintaining very low noise levels. The ABEC-1 bearing has hardened and ground balls and raceways, a ball retainer and is grease packed (25% pack) at the factory. Non-Contact Rubber Seals (LLB) protect the caged ball compliment. The stamped zinc plated housing on some variations incorporates a dust shield for added protection to the precision bearing. The life expectancy of a precision bearing is many times that of a non-precision bearing. For optimum performance and bearing life we recommend the bearing units be swedged into the metal tubes. These bearings have a 33 prefix in the part number. **Available for metal tubes only.** Example - 33RP

**Bushing:** These non ball bearing style bearing units are designed for light to medium loads and slow speeds. Typical installations are push conveyors and gravity conveyors. They are ideal for sanitary, rust and corrosion resistant, maintenance free wet or dry applications. Bearing surface materials include Ultra (Acetal plastic with Teflon additives), CS2 (Acetal) and ABS plastic. Bushing inserts include nylon, stainless steel, and carbon steel. These bearings are identified by a 5 in the prefix of the part number. Example - 5B5

## Urethane Information:

**Color:** Standard: Black  
Options: Inquire with Customer Service

**Durometer:** Cast Urethane - 90 Shore A standard  
Foam Tapers - 65 Shore A (+/- 5)  
Options: Available, inquire with Customer Service

**Optional Material:** Food grade available

**Roller Length:** I. F. = Inside Frame distance. This measurement allows 1/16" of freeplay per side for a total of 1/8" per roller. O.A. = Overall roller length. This is the measurement from bearing hub to bearing hub of the roller. For calculation purposes I.F. - 1/8" = O.A.

Drawings are provided to illustrate the required configuration and dimensional information.  
Please have them available when talking to Customer Service.