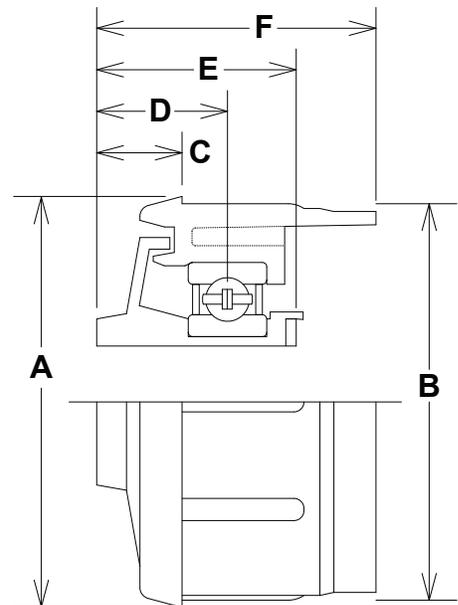


Bushings:

Non-ball bearing bushing units are designed for light to medium loads conveyed at low speeds. Typically bushings are used in push and gravity conveyors. They are ideal for sanitary, rust and corrosion resistant, low maintenance wet or dry applications. Bushing inserts are available in Ultra (Acetal plastic with internal Teflon lubricants), CS2 Acetal, UHMW, and ABS plastic. Bushing adapters are available in nylon, stainless steel, carbon steel, and Ultra. Bushings are identified with a 5 Prefix in the part number. Example - 5B5

Definition of terms and dimensions used in bearing descriptions in this section:

- A Dim:** Outside diameter of the flange
- B Dim:** Outside diameter of the body
- C Dim:** Distance from the hub to the backside of the flange (bearing offset)
- D Dim:** Distance from the hub to the centerline of the ball compliment
- E Dim:** Distance from the front to the back of the hub
- F Dim:** Total length
- Bore:** Size and configuration (hexagonal or round) of the bore



Bearing: ABEC-1 precision or commercial non-precision bearing used in a bearing insert. Load rating for bearing is not roller load rating. Please refer to specific roller pages for roller load capacity.

Bearing BDLR: Basic Dynamic Load Rating of the ABEC-1 precision bearing: Load at which 90% of a group of bearings will still be successfully spinning at 600 RPM after 1,000,000 revolutions.

Bearing Load Rating: Load rating for commercial bearings at 600 rpm. Determined utilizing the number of balls in the bearing and their size. This load rating is not the roller load rating. Please refer to a specific roller page for the roller load capacity.

Races: These refer to the inner and outer surfaces the balls ride on. Precision ball bearing races utilize bearing quality steel. This material is then heat-treated to uniform hardness and ground to a micro-finish. Non-precision ball bearing races are made with hardened steel that provide an economical and smooth finish.