

EDT Bearing Selection Guide

A Quick Application Reference for EDT products

This is a general reference. For specific recommendations concerning your applications, contact EDT Corp or your local distributor Account Manager. You will be asked to complete a Bearing Design Checklist (BDC) to assist in this process. A blank Bearing Design Checklist is on page U-5.

Bearing Application	Type of Bearing to Use	Refer to catalog or website section
Modular plastic belt conveyor	NA POLY-ROUND® bearing	J-Poly-Round Solution®
Wire belt conveyor (flat- or round-wire)	NA POLY-ROUND® bearing	J-Poly-Round Solution®
Wire belt conveyor in oven	QF ALL-ROUND® bearing in metal housing	B-Ultimate Solution®
Submerged fryer	FA Poly-Round® bearing in stainless housing for direct food QF Poly-Round® bearing in stainless housing for incidental food	H-Poly-Round® bearings + E-Stainless housing
Flat-belt and Urethane belt conveyor	Ball or other rolling element (standard or solid-lubricated)	K-Stainless Ball Solution®
Table-top conveyor (usually high speed and multi-curved)	Ball or other rolling element (standard or solid-lubricated)	K-Stainless Ball Solution®
V-belt drive or unsupported overhung load	Ball or other rolling element (standard or solid-lubricated)	K-Stainless Ball Solution®
Fans, some pumps	Ball or other rolling element (standard or solid-lubricated)	K-Stainless Ball Solution®
Trunnion	Ball or other rolling element (standard or solid-lubricated)	K-Stainless Ball Solution®
Reversing motion or frequent start/stop motion	Poly-Round® or Cylindrical Poly-Round®	J-Poly-Round Solution® or H-Poly-Round Solution®
High load + low speed combination	ALL-ROUND® or Poly-Round® or Cylindrical Poly-Round® (may require metal housing)	C-ALL-ROUND Solution® or J-Poly-Round Solution®
Low load + high speed combination	ALL-ROUND® or Poly-Round® or Cylindrical Poly-Round® (may require metal housing)	C-ALL-ROUND solution® or B-Ultimate Solution® or J-Poly-Round Solution® or H-Poly-Round Solution®