

Features *FLEX-E-GRIP®* Timing

Belts

- No Side Flanges Necessary
- Infinite Lengths
- Higher Load Capacities and Narrower Widths
- Positive Drives (Non-slip Engagement)
- No Lubrication
- Minimum Backlash
- High Mechanical Efficiency
- Extra Light Weight
- Silent Operation (No Side Flange Noise)
- Economical
- Wide Speed Range
- Broader Ratio Selection

Construction

Belts

Molded in Polyurethane to meet Acid, Chemical and Environmental Conditions.

Cable

Steel Preformed Aircraft Standard Cable of both 7x7 and 7x19 Construction.

Pulleys

Aluminum 2024 (bar) MIL QQ-Q-225/6 Cond. T4 Anodized

Installation Notes

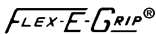
- (A) All Shafts Must Be Parallel
- (B) Use Adjustable Centers Wherever Possible
- (C) If Adjustable Centers are not Possible Use Idler Pulley Inside The Belt
- (D) Never Force Belt Over Pulleys
- (E) Avoid Reverse Bending (See Page 5)

Operating Parameters

Minimum Pulley Diameters

SIZE	MAX. SPEED R.P.M.	MIN.NO. OF. GROOVES	PITCH DIAMETER
40 D.P. 8TB- SERIES	1750	24	.623
	1750	20	.520
	1160	18	.468
1/5" PITCH 20TB- SERIES	1750	14	.871
	1750	12	.743
	1160	11	.700
3/8" PITCH 37TB- SERIES	1750	16	1.910
	1750	14	1.671
	1160	12	1.432
1/2" PITCH 50TB- SERIES	1750	20	3.183
	1750	18	2.865
	1160	16	2.564

Alternate constructions are available.(See Page 6)



4 Compact Width Sizes

40 D. Pitch (XXL) Miniature 1/8" Wide

Equal to or stronger than conventional Timing Belts up to 5/8" wide

1/5" Pitch (XL) Extra Light 1/4" Wide

Equal to or stronger than conventional Timing Belts up to 1" wide

3/8" Pitch (L) Light 1/2" Wide

Equal to or stronger than conventional Timing Belts up to 2" wide

1/2" Pitch (H) Heavy 3/4" Wide

Equal to or stronger than conventional Timing Belts up to 2" wide