

# No-Slip and No-Slide Drive Systems Guide

No-Slip/ No-Slide	Catalog Bell Series	Pitch	Reinforcement Cable Diameter (Inch)	Positional Accuracy	Recommended Minimum Pulley Diameter (Inch)	Recommended Minimum Number DI Teeth In Mesh	Recommended Maximum Bell Operating Speed (No Load / Load) (Feet per Min.)	Recommended Maximum Operating Bell Tension (LBS)	Ultimate Static Tensile Strength For Endless Bell (LBS)
<b>No-Slip</b>	FA	32DP .0982CP Single Core	.032 Aramid Fiber	Excellent	.500	8	900 / 300	4-5	25
	FS		.032 Stainless Steel		.750	8	900 / 350	6-8	50
	F32BS18		.018 Stainless Steel		.500	8	800 / 350	4-5	20
	F32CS	32DP / .0982CP Double Core	.018 Stainless Steel	Very Good	.750	8	850 / 350	6-7	50
	FLA	20DP .15708CP Single Core	.032 Aramid Fiber	Good	.750	6	1100 / 500	5-6	25
	FLS		.032 Stainless Steel		.750	6	1100 / 600	10-12	50
	FMA	20DP .15708CP	.032 Aramid Fiber	Good	.750	6	1300 / 550	10-12	50
	FMS	Double Core	.032 Stainless Steel		.750	6	1300 / 700	20-25	100
	F20TS	20DP Triple Core	.032 Stainless Steel	Good	.750	6	1300 / 700	20-25	100
	FRA	.1475CP Double Core	.032 Aramid Fiber	Good	.750	6	1300 / 550	10-12	50
	FRS		.032 Stainless Steel		.750	6	1300 / 700	20-25	100
	F24CA	24DP .1309CP Double Core	.032 Aramid Fiber	Good	.750	6	1300 / 550	10-12	50
	F24CS		.032 Stainless Steel		.750	6	1300 / 700	20-25	100
	F25CA	.250CP Double Core	.032 Aramid Fiber	Good	.750	5	1300 / 550	10-12	50
F25CS	.032 Stainless Steel		.750		5	1300 / 700	20-25	100	
<b>No-Slide</b>	F8BS	40DP, .0816CP Single Core	.018 Stainless Steel	Good	.500	8	700 / 300	4-5	20
	F20BA	.200CP Single Core	.032 Aramid Fiber	Very Good	.750	6	1200 / 550	5-6	25
	F20BS		.032 Stainless Steel		.750	6	1200 / 650	10-12	50
	F37BS	.375CP Single Core	.047 Stainless Steel	Good	1.375	6	800 / 450	25-30	125