

H Pitch Self Tracking V-guide Timing Belt - Integral Molded								
Pitch (Imperial and Metric)			H Pitch "A" V-guide					
Belt Width			1.5"	2"	3"	4"	6"	
Ultimate Ten- sile Strength	Steel	Lbf	2455	3305	5004	6704	10103	
		N	10920	14700	22260	29820	44940	
	Kevlar	Lbf	2787	4241	6422	8603	12965	
		N	12397	18865	28567	38269	57673	
Max. Allowable Belt Tension	Steel	Open Ended	Lbf	667	897	1338	1792	2700
			N	2966	3992	5950	7971	12012
		Welded	Lbf	255	322	547	775	1225
			N	1135	1432	2434	3447	5449
	Kevlar	Open Ended	Lbf	372	478	724	970	1462
			N	1657	2127	3221	4315	6503
		Welded	Lbf	213	269	457	648	1024
			N	949	1197	2035	2882	4555
Allowable Effective Tension for Belt Teeth (15 and More Teeth in Mesh)			Lbf	444	664	1105	1546	2427
			N	1976	2956	4916	6876	10796
Belt Weight	Steel	Lbf	0.094	0.101	0.224	0.168	0.228	
		Kgf/m	0.140	0.150	0.170	0.250	0.340	
	Kevlar	Lbf	0.081	0.087	0.101	0.141	0.195	
		Kgf/m	0.120	0.130	0.150	0.210	0.290	
Belt Stiffness (Open Ended)	Steel	Lbf	163467	217955	326933	435911	653866	
		N	727139	969518	1454277	1939036	2908554	
	Kevlar	Lbf	91048	121397	182096	242794	364192	
		N	405003	540004	810006	1080008	1620012	
Minimum Pulley - Normal Flexing, Teeth & Pitch Diameter			20 Teeth (3.183")					
Minimum Pulley - Back Flexing, Pitch Diameter			6.30"					
Available in FDA Compliant Construction (85A with Kevlar®)			Yes					
Standard Colors			Natural & White					
Nylon Fabric Available on Tooth Side (NT)			Yes					
Service Temperature Range			23° F to 158° F					