

4. LONG SYNCHRONOUS BELT

표4-1. LONG SYNCHRONOUS BELT To·Y 정수표

단위 : N

벨트형	계수	벨트호칭폭 벨트폭 (mm)		019	025	031	037	050	075	100	150	200	300	400	500	600
				4.8	6.4	7.9	9.5	12.7	19.1	25.4	38.1	50.8	76.2	101.6	127	152.4
MXL	To	max		10.0	14.0		21.1	28.7								
		min		5.2	7.8		12.4	17.2								
	Y			9.1	12.7		19.7	27								
XL	To	max			30.0	38.0	45.0	76.0	129.0							
		min			14.0	20.0	25.0	39.0	66.0							
	Y				3.9	5.5	7.7	11.3	19.2							
L	To	max						78	127	178						
		min						53	89	125						
	Y							45	77	109						
H	To	max						299	429	659	907	1419				
		min						226	318	496	681	1068				
	Y							145	209	322	431	690				
XH	To	max									1029	1614	2286	2957	3606	
		min									927	1455	2061	2664	3249	
	Y										863	1385	1998	2480	3025	
XXH	To	max									2520	3960	5615	7250	8834	
		min									1136	1784	2528	3266	3981	
	Y										1407	2270	3223	4177	4930	

표4-2-1. LONG STS 벨트 To·Y 정수표 : ①

단위 : N

벨트형	계수	벨트호칭폭 벨트폭 (mm)		50	60	80	100	150	200	250	300	400	500	600	700	800
				5	6	8	10	15	20	25	30	40	50	60	70	80
S2M	To	max		15.0	18.0	25.0										
		min		8.0	10.0	15.0										
	Y			9.6	11.4	16.3										
S3M	To	max		26	33											
		min		16	20											
	Y			10	12											
S4.5M	To	max			27		45									
		min			22		36									
	Y				9		30									
S5M	To	max					102	165	228	291						
		min					59	95	132	169						
	Y						28	45	63	80						
S8M	To	max						300	410	520	640	890	1140	1410	1680	1960
		min						270	360	460	560	780	1000	1240	1480	1730
	Y							100	150	200	240	340	430	530	630	740
S14M	To	max									910	1250	1600	1950		2730
		min									860	1190	1520	1850		2590
	Y										500	700	850	1080		1530

표4-2-2. LONG STS 벨트 To·Y 정수표 : ②

단위 : N

벨트형	계수	벨트호칭폭 벨트폭 (mm)		1000	1200	1250	1400	1500	1600	2000	2500	3000
				100	120	125	140	150	160	200	250	300
S8M	To	max		2520		3250		3990		5550		8790
		min		2230		2880		3540		4230		6700
	Y			950		1230		1510		2100		3330
S14M	To	max		3500	4320		5150		6020	7750	10000	12290
		min		3330	4110		4890		5710	7350	9490	11670
	Y			1970	2430		2870		3380	4350	5610	6900

표4-3-1. URETHANE LONG SYNCHRONOUS BELT (OPEN-END) To·Y 정수표 : ①

단위 : N

벨트형	계수	벨트호칭폭 벨트폭 (mm)		025	031	037	050	075	100	150	200	300	400
				6.4	7.9	9.5	12.7	19.1	25.4	38.1	50.8	76.2	101.6
XL	To	max		30.0	38.0	45.0	76.0	129.0	182.0	284.0	389.0		
		min		14.0	20.0	25.0	39.0	66.0	93.0	145.0	199.0		
	Y			3.9	5.5	7.7	11.3	19.2	27.0	42.1	57.8		
L	To	max					78	127	178	284	394		
		min					53	89	125	195	268		
	Y						45	77	109	168	231		
H	To	max					299	429	659	907	1419	2003	
		min					226	318	496	681	1065	1484	
	Y						145	209	322	431	690	948	