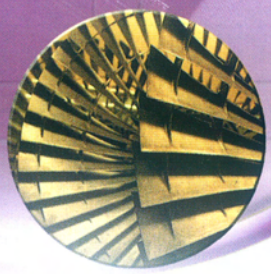
Polymax



MITSUBOSHI

Characteristics:

- Uniform tension member alignment provides for high speed and smooth drives with minimum vibration
- Compact design enables the use of smaller pulleys
- Specially treated cords minimize belt stretching, resulting in cost savings in maintenance
- Superior ozone and weather resistance

Applications:

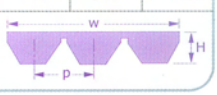
- Air conditioners
- Furnace and ventilation fans
- Machine tools
- Textile machines
- Office equipment
- Wood working tools

Non-Recommended Applications:

- Machines with severe surging loads or with radical peak-torque fluctuations
- Machines exposed to water or oil
- Machines that operates in environment containing acids, alkalis or water vapor

Belt Types And Cross Section Chart

Polymax Belt Types	3M	5M	7M	11M
Cross Section Dimension (axb) mm	3x2	5x3	7x5	11x7
Cross Section View				

Multi Polymax Belt Types		5M	7M	11M	5M	7M	11M
Number of Ribs		2			3		
Cross Section Dimension (mm)	W	9.8	15.6	24.4	15.1	24.1	37.6
	H	3.5	5.3	7.0	3.5	5.3	7.0
	P	5.3	8.5	13.2	5.3	8.5	13.2
Cross Section View							

How To Read Belt Designation?

Examples

5M 750

5M - Belt type

750 - Effective belt length (mm)

3R-7M-1000

3R - Number of ribs

7M - Belt Type

1000 - Effective belt length (mm)

Belt Length Tolerance Chart

Belt Length Tolerance

Effective Belt Outside Length (mm)	Length Tolerance (mm)
180 - 300	±2.5
307 - 710	±3.8
730 - 1,090	±5.1
1,120 - 1,500	±6.4
1,550 - 1,900	±7.6
1,950 - 2,300	±8.9

Belt Lengths Chart

Effective Length (mm)	3M	5M	7M	11M
180	o			
185	o			
190	o			
195	o			
200	o			
206	o			
212	o			
218	o			
224	o			
230	o			
236	o			
243	o			
250	o			
258	o			
265	o			
272	o			
280	o	o		
290	o	o		
300	o	o		
307	o	o		
315	o	o		
325	o	o		
335	o	o		
345	o	o		
355	o	o		
365	o	o		
375	o	o		
387	o	o		
400	o	o		
412	o	o		

Effective Length (mm)	3M	5M	7M	11M
425	o	o		
437	o	o		
450	o	o		
462	o	o		
475	o	o		
487	o	o		
500	o	o	o	
515	o	o	o	
530	o	o	o	
545	o	o	o	
560	o	o	o	
580	o	o	o	
600	o	o	o	
615	o	o	o	
630	o	o	o	
650	o	o	o	
670	o	o	o	
690	o	o	o	
710	o	o	o	o
730	o	o	o	o
750	o	o	o	o
775		o	o	o
800		o	o	o
825		o	o	o
850		o	o	o
875		o	o	o
900		o	o	o
925		o	o	o
950		o	o	o
975		o	o	o

Effective Length (mm)	3M	5M	7M	11M
1000		o	o	o
1030		o	o	o
1060		o	o	o
1090		o	o	o
1120		o	o	o
1150		o	o	o
1180		o	o	o
1220		o	o	o
1250		o	o	o
1280		o	o	o
1320		o	o	o
1360		o	o	o
1400		o	o	o
1450		o	o	o
1500		o	o	o
1550			o	o
1600			o	o
1650			o	o
1700			o	o
1750			o	o
1800			o	o
1850		o	o	o
1900			o	o
1950			o	o
2000			o	o
2060			o	o
2120			o	o
2180			o	o
2240			o	o
2300			o	o

o Sizes available for Multipolymax & Polymax

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