



V- Belt Technical Data

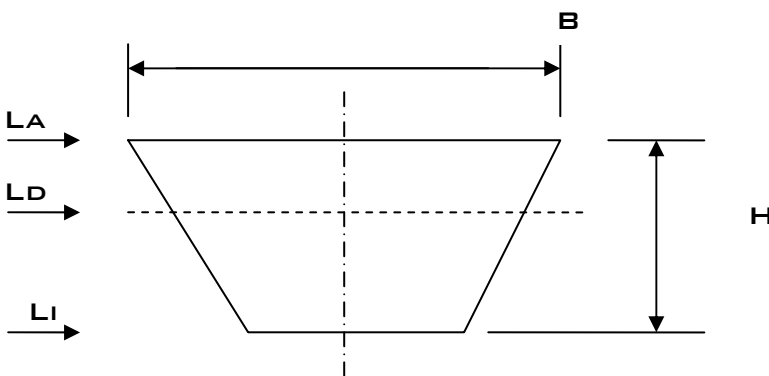
Cross Section and Length Conversion

Identify belt, measure belt, identify cross-section by depth and width.

Belt Section		High- Capacity V-Belts			
		SPZ (XPZ)	SPA (XPA)	SPB (XPB)	SPC (XPC)
Back Width	B	9.7	12.7	16.3	22
Height	H	8	10	13	18
Use pitch length					
Ld to La		13	18	22	30
Li to Ld		38	45	60	83
Li to La		51	63	82	113

Classical V-Belts				
Z (ZX)	A (AX)	B (BX)	C (CX)	D
10	13	17	22	32
6	8	11	14	20
Use inside length				
16	20	29	30	51
22	30	40	58	75
38	50	69	88	126

*All dimensions in mm



OUTSIDE LENGTH LA
DATUM LENGTH LD & PITCH OR WORKING LENGTH LW
INSIDE LENGTH LI

Example 1:

Requirement 16mm back width x 13mm thick x 2670mm around the outside, nothing written on the belt

Nearest is SPB section 16.3mm x 13mm

Need Ld so $2760\text{mm} - 22\text{m} = 2648\text{mm}$ pitch length

Nearest belt is SPB 2650