

NARROW V-BELTS

CHARACTERISTICS:

- Smallest belt size deliver same power comparable to conventional belts.
- A narrower sheave results in a more compact belt drive design
- A reduction of the drive weight due to a smaller belt and sheave contribute to a higher speed drive
- Oil and heat resistance. Static conductive

APPLICATIONS:

- Large sized pumps
- Crushers
- Laundry machinery
- Machine tools
- Printing machinery

BELT TYPES AND CROSS SECTION CHART

	(mm)	SPZ (3V)	SPA	SPB (5V)
Belt Top Width	BW ≈	9.7	12.7	16.3
Belt Pitch Width	PW	8.5	11.0	14.0
Belt Thickness	h ≈	8.0	10.0	13.0
Distance to Pitch Line	hp ≈	2.0	2.8	3.5
Minimum Sheave Pitch Diameter	Dp	63.0	90.0	140.0

HOW TO READ BELT DESIGNATION?

Examples

SPZ 487	SPZ – Belt type 487 – Pitch length (mm)
8v 1060	8V – Belt type 1060 – Outside length in 1/10 inches = 106 inches

BELT LENGTH CONVERSION CHART

Belt Type	Outside Length	Inside Length
SPZ	Pitch Length + 12	Pitch Length - 38
SPA	Pitch Length + 18	Pitch Length - 45
SPB	Pitch Length + 22	Pitch Length - 60
SPC	Pitch Length + 30	Pitch Length - 83
8V		Outside length - 120

All value in mm