

# 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)
<b>Belt Top Width</b>	BW ≈	9.7	12.7	16.3
<b>Belt Pitch Width</b>	PW	8.5	11.0	14.0
<b>Belt Thickness</b>	h ≈	8.0	10.0	13.0
<b>Distance to Pitch Line</b>	hp ≈	2.0	2.8	3.5
<b>Minimum Sheave Pitch Diameter</b>	Dp	63.0	90.0	140.0

## HOW TO READ BELT DESIGNATION?

Examples

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

## BELT LENGTH CONVERSION CHART

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

All value in mm