

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