

The Gates Super HC™ V-belt combines the strength of a wrapped belt construction with the economies of a narrow section V-belt. It transmits more power in a given space and allows more compact drive design than classical section V-belts. In short, it offers you more power and considerably reduces the space needed. This significantly cuts the overall drive cost. Super HC™ V-belts also have exclusive Gates construction features for longer life on your drives!

CONSTRUCTION

- Arched top, concave sidewalls and rounded corners provide uniform tensile loading and uniform pulley sidewall contact for excellent belt service and reduced pulley wear.
- The Flex-Weave oil and heat resistant cover protects the belt.
- The vulcanised Flex-bonded tensile cords provide superior resistance to tensile and flexing forces, fatigue and shock loads.
- The belt will not catch fire from heat buildup, even with severe slippage.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

BENEFITS

- Excellent performance/cost ratio.
- More compact design compared to classical section V-belts.
- Cost and space savings by reducing size of pulleys, bearings, guards and mounts.
- Improved belt life reducing expensive maintenance time.
- **Match** system: all sizes meet Gates **UNISSET** tolerances, they can be installed without matching.
- REACH and RoHS 2 compliant.
- Temperature range: -30 °C to +60 °C.

Please refer to p. 75 for size list.

Sections and nominal dimensions

Section	Width (mm)	Height (mm)	Length range (datum length - mm)
SPZ/3V	10	8	487 – 3750
SPA	13	10	732 – 5000
SPB/5V	16	13	1250 – 8000
SPC	22	18	2000 – 16500
8V	26	23	2540 – 14225

SPB, SPC also available in PowerBand™ version p. 16 or aramid cord construction p. 6.

Ordering code

SPZ1060/3V420
 SPZ - Section
 1060 - Datum length (mm)
 3V - Section
 420 - Effective length (42.0 inch)

NOTE: For correct design and tensioning of the belt please use Gates DesignFlex™Pro™ Drive design software, available on www.Gates.com.

Identification

Durable yellow marking indicating the belt type and white marking indicating the belt dimensions.

SPB-5V (CONTINUED)

Description	Datum Length	Effective Length	Stock	New
	mm	inch		
SPB2900	2900		•	
SPB2980/5V1180	2980	118	•	•
SPB3000	3000		•	
SPB3070	3070		•	
SPB3150	3150		•	
SPB3170/5V1250	3170	125	•	•
SPB3250	3250		•	
SPB3320	3320		•	
SPB3350/5V1320	3350	132	•	
SPB3450	3450		•	
SPB3550/5V1400	3550	140	•	
SPB3650	3650		•	
SPB3750	3750		•	
SPB3800/5V1500	3800	150	•	
SPB3870	3870		•	
SPB4000	4000		•	
SPB4050/5V1600	4050	160	•	•
SPB4120	4120		•	
SPB4250	4250		•	
SPB4310/5V1700	4310	170	•	•
SPB4370	4370		•	
SPB4500	4500		•	
SPB4560/5V1800	4560	180	•	•
SPB4750	4750		•	
SPB4820/5V1900	4820	190	•	
SPB4870	4870		•	
SPB5000	5000		•	
SPB5070/5V2000	5070	200	•	•
SPB5300	5300		•	
SPB5370/5V2120	5370	212	•	•
SPB5600	5600		•	
SPB5680/5V2240	5680	224	•	•
SPB5980/5V2360	5980	236	•	•
SPB6000	6000		•	
SPB6300	6300		•	
SPB6340/5V2500	6340	250	•	•
SPB6700/5V2650	6700	265	•	
SPB7100/5V2800	7100	280	•	
SPB7500	7500		•	
SPB7610/5V3000	7610	300	•	•
SPB8000/5V3150	8000	315	•	
SPB8500/5V3350	8500	335	•	•
SPB9010/5V3550	9010	355	•	•