PINGXIANG HUSHENG RUBBER PRODUCTS CO.,LTD

SPB Belt — Specification & Complete Size Chart

Wrapped Metric Narrow V-Belt · Conforms to ISO 4184 · Shusheng Brand

Shusheng

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SPB Belt — Specification, Materials & Complete Size Chart

1. SPB Belt Overview

The 16 mm section that covers most medium-power industrial and agricultural drives.

The SPB belt is a wrapped metric narrow V-belt with a 16 mm top width and a 13.5 mm section height. It sits in the middle of the SP narrow V-belt family (SPZ, SPA, SPB, SPC), and its 40° wedge sinks into the sheave groove so that it grips with the sidewalls rather than the base — which is why an SPB drive carries roughly 30–50% more power than a classical B-section belt of the same width.

Every SPB belt in this catalogue is manufactured to conform to the ISO 4184 standard for narrow V-belt drives. The body is chloroprene rubber (CR) with a stretch-resistant polyester/polyamide tension cord and a wrapped fabric jacket, and the belt is moulded to datum length so that every belt in a multi-belt drive carries an equal share of the load.

This document keeps to the four things a buyer needs: how to read the SPB belt code (section 2), the complete technical specification (section 3), the materials and construction (section 5), and the full size list from **SPB-800** to **SPB-10000** (section 4). Contact and ordering information follows.



Figure 1: A wrapped SPB narrow V-belt — 16 mm top width, 13.5 mm section height — with the moulded SPB1320 code and the anti-static / oil & heat resistant jacket marking on the cover.

2. Belt Marking & Code Meaning

How the section, the dimensions and the code on the belt are read.

2.1 Section dimensions

matching SPB groove.

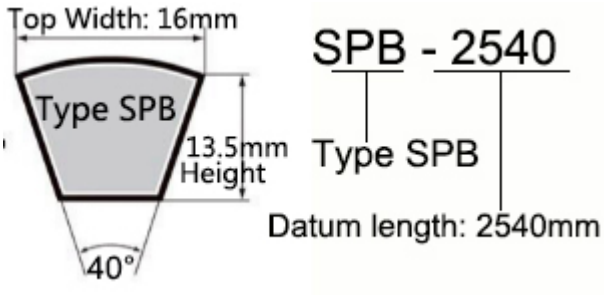


Figure 2: SPB belt cross-section showing the 16 mm top width, the 13.5 mm section height and the 40° wedge angle, together with the code naming convention (SPB-2540 = Type SPB, datum length 2540 mm).

2.2 What the code means

An SPB belt code is the section prefix **SPB** followed by the **datum length in millimetres**. The code **SPB-2540** therefore means a Type SPB narrow V-belt with a datum length of **2540 mm**. In the same way, the shortest belt in this catalogue, **SPB-800**, has a datum length of 800 mm, and the longest, **SPB-10000**, has a datum length of 10000 mm.

The number is the datum length — the length measured at the cord line of the belt in accordance with ISO 4184 — not the outside circumference. On the metric SP sections the code is already in millimetres, which is why the size chart in section 4 needs no inch-to-millimetre conversion: every figure is a whole millimetre.

2.3 Marking on the belt

Each belt is moulded with the section prefix, the datum-length code and a production code on the wrapped cover, together with the anti-static, oil-resistant and heat-resistant class markings. A belt that has been in service can therefore be identified and re-ordered without measuring the drive. The example belt shown above carries the code SPB1320 together with the anti-static / oil & heat resistant jacket marking.

2.4 Matched sets

Drives that run more than one belt should be ordered as a matched set. Moulded-to-datum-length belts share the load evenly, whereas one new belt beside worn belts runs tight, takes almost all the tension and fails early — so replace the full set together.

3. Technical Specifications

The values below are the same for every size in the range, from the shortest SPB-800 to the longest SPB-10000.

Table 1 SPB Belt — Technical Specifications

Property	Specification
Profile / Section	SPB wrapped metric narrow V-belt
Top Width	16 mm (5/8 in)
Section Height	13.5 mm
Wedge Angle	40° (included)
Body Compound	Chloroprene rubber (CR)
Tension Member	Stretch-resistant polyester / polyamide cord
Outer Cover	Wrapped treated fabric jacket
Standard	Conforms to ISO 4184 (SPB profile, narrow V-belts)
Transmission Efficiency	95%+
Maximum Belt Speed	40 m/s
Operating Temperature	−40 °C to +90 °C
Resistance	Oil, chemical, ozone and anti-static
Datum Length Range	SPB-800 to SPB-10000 — 800 mm – 10,000 mm
Minimum Order Quantity	50 pcs per size
Standard Delivery	15–20 days from order confirmation
Indicative Price Range	US$8.94 – US$79.99 per piece (varies by size and quantity)

In plain terms, the SPB belt has a 16 mm top width, a 13.5 mm section height and a 40° wedge, and runs at up to 40 m/s between −40 °C and +90 °C.

3.1 Reading an SPB belt code

Three worked examples show how a code maps to the dimensions. **SPB-800** has a datum length of 800 mm, **SPB-2540** has a datum length of 2,540 mm, and **SPB-10000** has a datum length of 10,000 mm; every SPB belt shares the same 16 mm top width and 13.5 mm section height.

Table 2 Worked examples — how an SPB belt code reads

Belt Code	Datum Length (mm)	Top Width	Section Height
SPB-800	800	16 mm	13.5 mm
SPB-2540	2,540	16 mm	13.5 mm
SPB-10000	10,000	16 mm	13.5 mm

4. Complete SPB Size Chart

Table 3 Complete SPB Belt Size Chart — Part 1 of 2 (SPB-800 to SPB-2874)

Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)
SPB-800	800	SPB-1320	1,320	SPB-1676	1,676	SPB-2022	2,022	SPB-2261	2,261	SPB-2580	2,580
SPB-812	812	SPB-1321	1,321	SPB-1678	1,678	SPB-2028	2,028	SPB-2264	2,264	SPB-2590	2,590
SPB-850	850	SPB-1322	1,322	SPB-1680	1,680	SPB-2030	2,030	SPB-2278	2,278	SPB-2591	2,591
SPB-853	853	SPB-1328	1,328	SPB-1690	1,690	SPB-2032	2,032	SPB-2280	2,280	SPB-2600	2,600
SPB-864	864	SPB-1332	1,332	SPB-1700	1,700	SPB-2035	2,035	SPB-2286	2,286	SPB-2607	2,607
SPB-875	875	SPB-1340	1,340	SPB-1702	1,702	SPB-2038	2,038	SPB-2288	2,288	SPB-2608	2,608
SPB-880	880	SPB-1346	1,346	SPB-1720	1,720	SPB-2040	2,040	SPB-2300	2,300	SPB-2610	2,610
SPB-882	882	SPB-1350	1,350	SPB-1725	1,725	SPB-2050	2,050	SPB-2310	2,310	SPB-2616	2,616
SPB-900	900	SPB-1360	1,360	SPB-1727	1,727	SPB-2057	2,057	SPB-2311	2,311	SPB-2618	2,618
SPB-914	914	SPB-1362	1,362	SPB-1728	1,728	SPB-2060	2,060	SPB-2320	2,320	SPB-2628	2,628
SPB-933	933	SPB-1370	1,370	SPB-1740	1,740	SPB-2065	2,065	SPB-2332	2,332	SPB-2630	2,630
SPB-940	940	SPB-1372	1,372	SPB-1750	1,750	SPB-2075	2,075	SPB-2337	2,337	SPB-2640	2,640
SPB-965	965	SPB-1378	1,378	SPB-1753	1,753	SPB-2078	2,078	SPB-2338	2,338	SPB-2650	2,650
SPB-980	980	SPB-1380	1,380	SPB-1760	1,760	SPB-2080	2,080	SPB-2350	2,350	SPB-2658	2,658
SPB-990	990	SPB-1397	1,397	SPB-1778	1,778	SPB-2083	2,083	SPB-2360	2,360	SPB-2667	2,667
SPB-1000	1,000	SPB-1400	1,400	SPB-1800	1,800	SPB-2090	2,090	SPB-2362	2,362	SPB-2670	2,670
SPB-1016	1,016	SPB-1410	1,410	SPB-1803	1,803	SPB-2098	2,098	SPB-2378	2,378	SPB-2678	2,678
SPB-1032	1,032	SPB-1422	1,422	SPB-1820	1,820	SPB-2100	2,100	SPB-2380	2,380	SPB-2680	2,680
SPB-1041	1,041	SPB-1428	1,428	SPB-1828	1,828	SPB-2108	2,108	SPB-2388	2,388	SPB-2690	2,690
SPB-1050	1,050	SPB-1430	1,430	SPB-1829	1,829	SPB-2112	2,112	SPB-2390	2,390	SPB-2692	2,692
SPB-1067	1,067	SPB-1448	1,448	SPB-1830	1,830	SPB-2120	2,120	SPB-2391	2,391	SPB-2700	2,700
SPB-1080	1,080	SPB-1450	1,450	SPB-1840	1,840	SPB-2128	2,128	SPB-2400	2,400	SPB-2718	2,718
SPB-1098	1,098	SPB-1460	1,460	SPB-1850	1,850	SPB-2130	2,130	SPB-2410	2,410	SPB-2720	2,720
SPB-1100	1,100	SPB-1473	1,473	SPB-1854	1,854	SPB-2131	2,131	SPB-2413	2,413	SPB-2728	2,728
SPB-1120	1,120	SPB-1478	1,478	SPB-1860	1,860	SPB-2134	2,134	SPB-2420	2,420	SPB-2730	2,730
SPB-1130	1,130	SPB-1480	1,480	SPB-1870	1,870	SPB-2137	2,137	SPB-2425	2,425	SPB-2740	2,740
SPB-1140	1,140	SPB-1500	1,500	SPB-1878	1,878	SPB-2150	2,150	SPB-2428	2,428	SPB-2743	2,743
SPB-1143	1,143	SPB-1502	1,502	SPB-1880	1,880	SPB-2158	2,158	SPB-2430	2,430	SPB-2750	2,750
SPB-1150	1,150	SPB-1510	1,510	SPB-1883	1,883	SPB-2159	2,159	SPB-2438	2,438	SPB-2760	2,760
SPB-1160	1,160	SPB-1524	1,524	SPB-1900	1,900	SPB-2160	2,160	SPB-2440	2,440	SPB-2770	2,770
SPB-1161	1,161	SPB-1528	1,528	SPB-1905	1,905	SPB-2167	2,167	SPB-2450	2,450	SPB-2772	2,772
SPB-1168	1,168	SPB-1540	1,540	SPB-1910	1,910	SPB-2170	2,170	SPB-2460	2,460	SPB-2778	2,778
SPB-1180	1,180	SPB-1549	1,549	SPB-1915	1,915	SPB-2178	2,178	SPB-2464	2,464	SPB-2780	2,780
SPB-1194	1,194	SPB-1550	1,550	SPB-1920	1,920	SPB-2180	2,180	SPB-2467	2,467	SPB-2800	2,800
SPB-1198	1,198	SPB-1553	1,553	SPB-1928	1,928	SPB-2184	2,184	SPB-2473	2,473	SPB-2810	2,810
SPB-1200	1,200	SPB-1575	1,575	SPB-1930	1,930	SPB-2200	2,200	SPB-2478	2,478	SPB-2818	2,818
SPB-1205	1,205	SPB-1578	1,578	SPB-1940	1,940	SPB-2203	2,203	SPB-2480	2,480	SPB-2819	2,819
SPB-1210	1,210	SPB-1590	1,590	SPB-1950	1,950	SPB-2210	2,210	SPB-2489	2,489	SPB-2820	2,820
SPB-1219	1,219	SPB-1600	1,600	SPB-1956	1,956	SPB-2213	2,213	SPB-2500	2,500	SPB-2822	2,822
SPB-1220	1,220	SPB-1604	1,604	SPB-1970	1,970	SPB-2218	2,218	SPB-2508	2,508	SPB-2828	2,828
SPB-1228	1,228	SPB-1624	1,624	SPB-1975	1,975	SPB-2220	2,220	SPB-2515	2,515	SPB-2830	2,830
SPB-1230	1,230	SPB-1626	1,626	SPB-1978	1,978	SPB-2224	2,224	SPB-2518	2,518	SPB-2832	2,832
SPB-1245	1,245	SPB-1628	1,628	SPB-1980	1,980	SPB-2225	2,225	SPB-2522	2,522	SPB-2838	2,838
SPB-1248	1,248	SPB-1640	1,640	SPB-1981	1,981	SPB-2230	2,230	SPB-2530	2,530	SPB-2840	2,840
SPB-1250	1,250	SPB-1650	1,650	SPB-1985	1,985	SPB-2235	2,235	SPB-2540	2,540	SPB-2845	2,845
SPB-1260	1,260	SPB-1651	1,651	SPB-1998	1,998	SPB-2240	2,240	SPB-2550	2,550	SPB-2850	2,850
SPB-1270	1,270	SPB-1654	1,654	SPB-2000	2,000	SPB-2248	2,248	SPB-2560	2,560	SPB-2860	2,860
SPB-1280	1,280	SPB-1660	1,660	SPB-2007	2,007	SPB-2250	2,250	SPB-2565	2,565	SPB-2865	2,865
SPB-1295	1,295	SPB-1668	1,668	SPB-2008	2,008	SPB-2258	2,258	SPB-2575	2,575	SPB-2870	2,870
SPB-1300	1,300	SPB-1670	1,670	SPB-2020	2,020	SPB-2260	2,260	SPB-2578	2,578	SPB-2874	2,874

Table 4 Complete SPB Belt Size Chart — Part 2 of 2 (SPB-2878 to SPB-10000)

Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)	Belt Code	Datum Length (mm)
SPB-2878	2,878	SPB-3230	3,230	SPB-3680	3,680	SPB-4278	4,278	SPB-5050	5,050	SPB-6400	6,400
SPB-2880	2,880	SPB-3250	3,250	SPB-3700	3,700	SPB-4296	4,296	SPB-5070	5,070	SPB-6450	6,450
SPB-2896	2,896	SPB-3251	3,251	SPB-3708	3,708	SPB-4300	4,300	SPB-5078	5,078	SPB-6478	6,478
SPB-2900	2,900	SPB-3270	3,270	SPB-3720	3,720	SPB-4310	4,310	SPB-5080	5,080	SPB-6500	6,500
SPB-2920	2,920	SPB-3278	3,278	SPB-3725	3,725	SPB-4318	4,318	SPB-5100	5,100	SPB-6578	6,578
SPB-2921	2,921	SPB-3280	3,280	SPB-3728	3,728	SPB-4350	4,350	SPB-5128	5,128	SPB-6640	6,640
SPB-2925	2,925	SPB-3300	3,300	SPB-3750	3,750	SPB-4369	4,369	SPB-5130	5,130	SPB-6678	6,678
SPB-2928	2,928	SPB-3318	3,318	SPB-3770	3,770	SPB-4370	4,370	SPB-5150	5,150	SPB-6700	6,700
SPB-2930	2,930	SPB-3320	3,320	SPB-3778	3,778	SPB-4378	4,378	SPB-5178	5,178	SPB-6720	6,720
SPB-2932	2,932	SPB-3328	3,328	SPB-3785	3,785	SPB-4380	4,380	SPB-5200	5,200	SPB-6730	6,730
SPB-2940	2,940	SPB-3330	3,330	SPB-3788	3,788	SPB-4400	4,400	SPB-5228	5,228	SPB-6778	6,778
SPB-2946	2,946	SPB-3340	3,340	SPB-3800	3,800	SPB-4420	4,420	SPB-5250	5,250	SPB-6828	6,828
SPB-2948	2,948	SPB-3350	3,350	SPB-3810	3,810	SPB-4428	4,428	SPB-5278	5,278	SPB-6928	6,928
SPB-2950	2,950	SPB-3353	3,353	SPB-3820	3,820	SPB-4433	4,433	SPB-5300	5,300	SPB-6970	6,970
SPB-2960	2,960	SPB-3378	3,378	SPB-3828	3,828	SPB-4450	4,450	SPB-5328	5,328	SPB-6978	6,978
SPB-2968	2,968	SPB-3380	3,380	SPB-3830	3,830	SPB-4470	4,470	SPB-5350	5,350	SPB-7000	7,000
SPB-2972	2,972	SPB-3400	3,400	SPB-3850	3,850	SPB-4478	4,478	SPB-5358	5,358	SPB-7028	7,028
SPB-2975	2,975	SPB-3404	3,404	SPB-3860	3,860	SPB-4500	4,500	SPB-5378	5,378	SPB-7100	7,100
SPB-2978	2,978	SPB-3410	3,410	SPB-3870	3,870	SPB-4538	4,538	SPB-5380	5,380	SPB-7128	7,128
SPB-2984	2,984	SPB-3412	3,412	SPB-3875	3,875	SPB-4550	4,550	SPB-5400	5,400	SPB-7228	7,228
SPB-2990	2,990	SPB-3425	3,425	SPB-3878	3,878	SPB-4560	4,560	SPB-5428	5,428	SPB-7278	7,278
SPB-3000	3,000	SPB-3428	3,428	SPB-3880	3,880	SPB-4578	4,578	SPB-5450	5,450	SPB-7378	7,378
SPB-3025	3,025	SPB-3429	3,429	SPB-3900	3,900	SPB-4590	4,590	SPB-5478	5,478	SPB-7428	7,428
SPB-3028	3,028	SPB-3438	3,438	SPB-3920	3,920	SPB-4600	4,600	SPB-5500	5,500	SPB-7450	7,450
SPB-3048	3,048	SPB-3440	3,440	SPB-3925	3,925	SPB-4620	4,620	SPB-5520	5,520	SPB-7478	7,478
SPB-3050	3,050	SPB-3450	3,450	SPB-3928	3,928	SPB-4626	4,626	SPB-5528	5,528	SPB-7500	7,500
SPB-3060	3,060	SPB-3469	3,469	SPB-3950	3,950	SPB-4628	4,628	SPB-5550	5,550	SPB-7578	7,578
SPB-3064	3,064	SPB-3470	3,470	SPB-3960	3,960	SPB-4650	4,650	SPB-5578	5,578	SPB-7610	7,610
SPB-3070	3,070	SPB-3478	3,478	SPB-3975	3,975	SPB-4660	4,660	SPB-5600	5,600	SPB-7620	7,620
SPB-3073	3,073	SPB-3480	3,480	SPB-3978	3,978	SPB-4678	4,678	SPB-5628	5,628	SPB-7628	7,628
SPB-3078	3,078	SPB-3490	3,490	SPB-4000	4,000	SPB-4687	4,687	SPB-5650	5,650	SPB-7678	7,678
SPB-3080	3,080	SPB-3500	3,500	SPB-4030	4,030	SPB-4700	4,700	SPB-5680	5,680	SPB-7728	7,728
SPB-3099	3,099	SPB-3528	3,528	SPB-4038	4,038	SPB-4720	4,720	SPB-5750	5,750	SPB-7778	7,778
SPB-3100	3,100	SPB-3530	3,530	SPB-4050	4,050	SPB-4728	4,728	SPB-5778	5,778	SPB-7800	7,800
SPB-3105	3,105	SPB-3534	3,534	SPB-4060	4,060	SPB-4750	4,750	SPB-5800	5,800	SPB-7828	7,828
SPB-3110	3,110	SPB-3550	3,550	SPB-4064	4,064	SPB-4778	4,778	SPB-5828	5,828	SPB-7878	7,878
SPB-3120	3,120	SPB-3556	3,556	SPB-4078	4,078	SPB-4798	4,798	SPB-5850	5,850	SPB-7900	7,900
SPB-3128	3,128	SPB-3578	3,578	SPB-4100	4,100	SPB-4800	4,800	SPB-5878	5,878	SPB-7928	7,928
SPB-3137	3,137	SPB-3600	3,600	SPB-4120	4,120	SPB-4808	4,808	SPB-5900	5,900	SPB-7978	7,978
SPB-3142	3,142	SPB-3607	3,607	SPB-4128	4,128	SPB-4820	4,820	SPB-5978	5,978	SPB-7990	7,990
SPB-3150	3,150	SPB-3610	3,610	SPB-4130	4,130	SPB-4830	4,830	SPB-5990	5,990	SPB-8000	8,000
SPB-3170	3,170	SPB-3627	3,627	SPB-4150	4,150	SPB-4850	4,850	SPB-6000	6,000	SPB-8500	8,500
SPB-3175	3,175	SPB-3628	3,628	SPB-4165	4,165	SPB-4870	4,870	SPB-6078	6,078	SPB-9000	9,000
SPB-3178	3,178	SPB-3650	3,650	SPB-4170	4,170	SPB-4878	4,878	SPB-6178	6,178	SPB-9010	9,010
SPB-3180	3,180	SPB-3653	3,653	SPB-4178	4,178	SPB-4900	4,900	SPB-6278	6,278	SPB-10000	10,000
SPB-3190	3,190	SPB-3658	3,658	SPB-4179	4,179	SPB-4928	4,928	SPB-6300	6,300		
SPB-3200	3,200	SPB-3660	3,660	SPB-4200	4,200	SPB-4941	4,941	SPB-6328	6,328		
SPB-3215	3,215	SPB-3668	3,668	SPB-4228	4,228	SPB-4978	4,978	SPB-6340	6,340		
SPB-3220	3,220	SPB-3675	3,675	SPB-4250	4,250	SPB-5000	5,000	SPB-6350	6,350		
SPB-3228	3,228	SPB-3678	3,678	SPB-4260	4,260	SPB-5028	5,028	SPB-6378	6,378		

Every size in the range — 595 belt codes from SPB-800 to SPB-10000 — is listed above with its datum length in whole millimetres: the figure after SPB gives the datum length directly, measured at the cord line in accordance with ISO 4184, with no inch-to-millimetre conversion and no decimal place. SPB-800 is the shortest belt listed, at 800 mm, and SPB-10000 is the

longest, at 10,000 mm. Every size in the chart is available to order, and lengths outside the range are supplied as custom items.

> All SPB belts in this catalogue conform to the ISO 4184 standard for narrow V-belt drives, which fixes the section dimensions and length tolerances.

Download the SPB Belt Specification PDF from the product page: https://drive-belt.com/v-belts/spb-belt

5. Materials & Construction

5.1 Tension member

Stretch-resistant polyester / polyamide cords give the SPB belt its tensile strength with very low elongation under load, and stay bonded to the rubber body so the belt does not run slack after break-in.

5.2 Body compound and outer cover

The compression section is chloroprene rubber (CR), giving heat, cold, oil, chemical, ozone and anti-static resistance, and a treated fabric jacket is wrapped around the full belt to protect the sidewalls and keep the drive gripping.



Figure 3: SPB belts driving a combine harvester — the wrapped jacket and CR body resist the dust, heat and oil of agricultural and woodworking drives.

6. Contact & Ordering Information

Send the belt code and quantity; we will confirm stock and ship within 15–20 days.

Company: Pingxiang Husheng Rubber Products Co.,Ltd · **Brand:** Shusheng
Website: https://drive-belt.com · **SPB Belt page:** https://drive-belt.com/v-belts/spb-belt
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