

WEDGE BELTS VECO 200® DYNAM® SYSTEM

ST - API - ISO 4184 - DIN 7753 - BS 3790

TECHNICAL DATA SHEET
10001 - 1/2 - 12/97
FICHE TECHNIQUE

Function

Flexible link between the motor and the machine which transmits high power

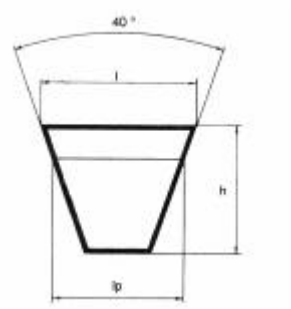
Conception

Endless V belts are made of :

- synthetic rubbers which guarantee a constant hardness
- polyester cord with controlled elasticity and high capacity of traction
- single wrapping (for SPZ sections) and double wrapping (for SPA, SPB and SPC sections) impregnated with polychloroprene compound which resists heat, oil, abrasion and ozone aggressions.

General Specifications

- temperature of use : -20° to + 80°C
- antistatic following standard NF T 47 104
- V belt sections following standard E 24 - 213
- resistant to oil projection, hydrocarbure and diluted acids.
Approved by API (American Petroleum Institute)
- endure centrifugal strength
- good draining of heat at high speed
- reduce bulkiness of transmission :
 - smaller and lighter pulleys
 - smaller protection carter
 - higher speed solutions



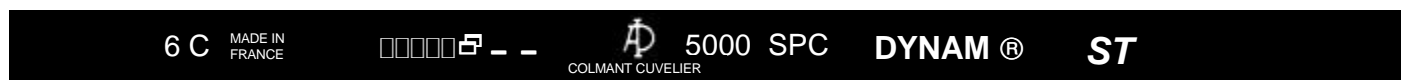
SECTION	l	h	lp
SPZ	10	8	8,5
SPA	13	11	11
SPB	16	14	14
SPC	22	18	19

Stabilisation Process "ST"

The stabilisation process "ST" guarantees a small and continuous margin on the length. The length of V. belts follows the standard NF ISO 4184. It means :

- easy to install
- even distribution of loads on multiple belt drives
- eliminate vibrations

Marking



On our DYNAM belts, you can read :

- the production date (codes for month and year) : 6C
- API and ST marks
- the pitch length measured under strength, as well as the section : 5000 SPC

THE "LABEL DYNAM"

Design

The DYNAM® system allows us to supply a pre-tensionned belt. This system ensures the correct tension by the mere reading of the length between 2 marks. This measure only requires to be done once when tensening the belt. There is no need to check the tension twice. (see data sheet n°10003).

Performance

- The 1 % slip guarantees a performance of 95 %.
- Improved transmitted power by 20 %.
- Optimum performance is obtained when the linear speed is between 30 m/s and 33 m/s.

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WEDGE BELTS VECO 200[®] DYNAM[®] SYSTEM

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TECHNICAL DATA SHEET
10001 - 2/2 - 12/97

FICHE TECHNIQUE

Pitch lengths of our V belts (in mm)

The sections of V belts VECO 200[®] with "label DYNAM" that we can supply are : SPZ, SPA, SPB, SPC. Only the sizes in yellow are available with the DYNAM System.

SPZ (10 x 8)					SPA (13 x 11)				SPB (16 x 14)			SPC (22 x 18)	
587	937	1312	1800	3250	782	1232	1800	2800	1250	2240	4100	2000	6000
612	950	1320	1850	3350	800	1250	1832	2832	1280	2300	4120	2120	6300
630	962	1332	1900	3450	832	1280	1850	2882	1320	2360	4250	2240	6500
657	975	1337	1950	3550	850	1307	1882	2900	1360	2430	4370	2360	6700
670	987	1360	2000	3650	875	1320	1900	2932	1400	2500	4500	2500	7100
687	1000	1387	2030	3850	900	1332	1950	3000	1450	2530	4560	2650	7500
710	1012	1400	2060		925	1360	1982	3070	1500	2580	4620	2800	8000
722	1020	1420	2120		932	1382	2000	3150	1520	2650	4650	3000	8500
725	1030	1437	2137		950	1400	2032	3250	1550	2720	4750	3080	9000
737	1037	1450	2180		975	1425	2060	3350	1580	2800	4870	3150	9500
750	1060	1462	2240		982	1450	2120	3450	1600	2900	5000	3350	10000
762	1090	1487	2280		1000	1482	2180	3550	1650	3000	5300	3550	10600
772	1112	1500	2300		1030	1500	2240	3650	1700	3070	5600	3650	11200
787	1120	1512	2360		1060	1550	2300	3750	1750	3150	6000	3750	11800
800	1137	1537	2430		1082	1582	2360	3870	1800	3170	6300	3810	12500
812	1150	1550	2500		1090	1600	2430	4000	1850	3250	6700	3912	14000
837	1162	1562	2580		1107	1632	2450	4250	1900	3350	7100	4000	20000
850	1180	1587	2650		1120	1650	2475	4870	1950	3450	7500	4100	
862	1220	1600	2720		1132	1657	2500		2000	3550	8000	4250	
875	1237	1650	2800		1150	1682	2532		2020	3650	10000	4500	
887	1250	1700	2900		1157	1700	2580		2060	3750		4750	
900	1262	1732	3000		1180	1732	2650		2120	3840		5000	
912	1280	1737	3070		1207	1750	2720		2150	3870		5300	
925	1287	1750	3150		1220	1782	2732		2180	4000		5600	
Lp = li + 37 Lp = le - 13					Lp = li + 51 Lp = le - 18				Lp = li + 66 Lp = le - 26			Lp = li + 83 Lp = le - 30	
Weight / metre 0,070 kg					Weight / metre 0,120 kg				Weight / metre 0,194 kg			Weight / metre 0,370kg	

Lp : pitch length; li : internal length ; le : external length

Stocking conditions

Belts must be stocked under the following conditions :

- the room must be dry, without dust and well ventilated.
- temperature must be between +5°C and +25°C.
- no condensation, maximum humidity of air : 65 %.
- avoid direct sun light and high artificial light due to ultraviolet.
- avoid contact with chemical products, solvent, petrol, lubricant, acid, volatile components, greases.
- no material which can produce ozone, like high tension electric material, electric motors or other materials which can produce sparks or electric discharges.
- the stocked belts must not have been stressed, compressed or deformed.
- set them more than 1 meter from radiators or heat source.
- avoid direct contact with some kinds of metal (copper, manganese, ...)
- avoid contact with sharp, abrasive and angular surfaces.
- the material of boxes, packings and the coverings must not contain nocive substances for the belts like copper or creosotes.

Stock turn : The best thing to do is : "first in, first out"

Cleaning : Cleaning with water and soap is harmless. You must never use organic solvents like trichlorethylene, tetrachlorure of carbone or ether of petrol, no abrasive, pointed or sharp tools. The cleaned belts must be dried at ambient temperature.

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