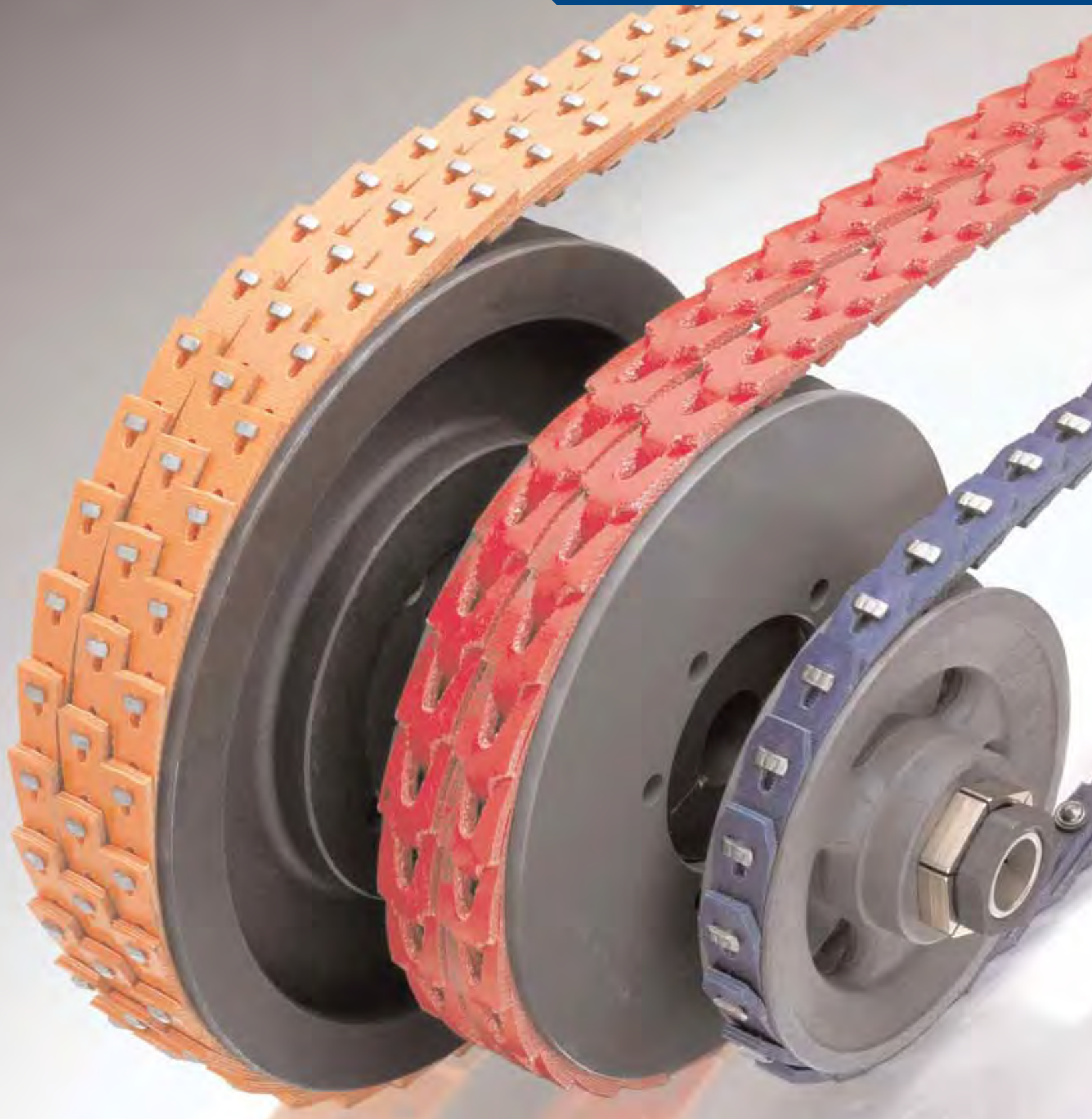
Fenner Drives®



High Performance Composite V-Belts

NUTLINK®

PowerTwist Plus® V-BELTS

SUPERTLINK®

More Power *for* Tough Drives

PowerTwist Plus® V-BELTS

Easy to use twist lock design

- The everyday industrial workhorse
- Perfectly suited to 3L, A/4L and B/5L drives

NUTLINK®

Quick connect T-Link design

- When your drive needs more "muscle"
- Ideal for heavier, shock loaded applications and reciprocating engine powered drives

SUPERTLINK®

Quick connect T-Link design

- Heavy duty construction
- Specifically to replace metric V-belts of SPZ, SPA, SPB and SPC cross section

High Performance Composite V-Belts from Fenner Drives

Your Alternative Choice. . .

Made from custom polyurethane elastomers reinforced with multiple plies of polyester fabric, Fenner Drives' High Performance Composite (HPC) V-Belts offer problem-solving alternatives to conventional endless wrapped rubber V-belts of classical and metric SP wedge cross sections.

Our product range is comprised of PowerTwist Plus and NuTLink V-Belts for classical section drives and SuperTLink V-Belts for applications using metric wedge SP rated belts.

While simple in concept, Fenner Drives' composite V-belts deliver outstanding performance, solving many of the field problems traditionally associated with conventional rubber V-belts.

Drop-In Replacements

Rest assured, when fitting PowerTwist Plus, NuTLink or SuperTLink V-Belts, it's only the belt that changes. Each type offers standard industry horsepower ratings and will run in standard sheave grooves. There's no need to change "iron"!

Designed to Outperform

Our HPC V-Belts are of unique designs and incorporate custom composite materials which provide a number of time- and cost-saving benefits to maintenance engineers and equipment designers:

- **Industry standard horsepower ratings**
- **Longer belt life**
- **Easier, faster installation**
- **Reduced V-belt inventory**
- **"Zero Downtime" maintenance**
- **Simplified drive design**
- **Reduced drive vibration**

Longer Belt Life in Harsh Operating Conditions

HPC V-Belts are manufactured from high performance polyurethane/polyester composite materials which ensure excellent durability even in the most demanding conditions.

Fenner Drives' HPC V-Belts will outperform conventional rubber V-belts in handling hostile environments, including exposure to oil, grease, water and most common industrial and agricultural chemicals and solvents. They are also more resistant to abrasion and will operate, with no loss in performance, at a more extreme temperature range – from -40°F to 240°F.

APPLICATION
Stone Conveyor Drive

Problem Heavy shock loads plus exposure to abrasive aggregate and dust were causing excessive wear and premature failure of rubber SPC metric V-belts.

Solution Fitting high performance SuperTLink provided greater resistance to the harsh operating conditions. Belt life was increased five times with the TLink belt design absorbing vibratory stresses.

Easier & Faster Installation

Unique "quick connect" belt designs provide for easier and faster belt installation, even on captured or restricted access drives — no tools required. Belts are easily made up to the required length, by hand, in seconds and can be rolled onto a drive just like a bicycle chain. No need to dismantle drive components or change existing sheaves as HPC V-Belts run in industry standard sheave grooves.

APPLICATION
Bowling Center Pinsetter

Problem Replacing endless V-belts on a pinsetter is a maintenance nightmare with its many "stacked," hard to reach drives.

Solution Making to length and installing quick connect PowerTwist Plus V-Belts can be accomplished with nothing more than a flick of the wrist.

Reduced V-belt Inventory . . . Any Belt, Any Time

With PowerTwist Plus, NuTLink and SuperTLink, there's no need to maintain inventory of numerous different endless rubber belts to cover all your drives. Carry a box each of A/4L and B/5L in your crib and you're 90% covered with a significant reduction in working capital tied up in spares.

APPLICATION
HVAC Drives

Problem An air force base has over 200 air conditioning units using more than 130 different belt lengths. At any one time there were over 1,700 spare belts on site. This inventory was costly, difficult to manage and correct replacement belts always difficult to locate.

Solution On converting to PowerTwist Plus V-Belts, the maintenance team now carries packs of the red belt 24/7. Drives are now serviced quickly without wasting time returning to the belt crib to pick up specific belt sizes. Inventory was reduced to just a few boxes of 3L, A/4L and B/5L sections.

"Zero Downtime" Maintenance

Like all power transmission belts, Fenner Drives' HPC V-Belts may require retensioning after an initial "run in" period. But unlike conventional V-belts, with PowerTwist Plus, NuTLink and SuperTLink, retensioning is a breeze; just roll a belt off, take out a link and roll it back on — no need to move any drive components. No time; no trouble.

APPLICATION
Brick Manufacture

Problem Fitting replacement endless V-belts on this high heat drive entailed totally stripping down equipment, removing sheaves and then reassembling. This process would take 2 – 3 days.

Solution Installing NuTLink reduced downtime to just two hours with the added bonus of longer belt life.

Simplified Drive Design

The unique "quick connect" design of Classical and SP rated HPC V-Belts allows designers considerable freedom in their choice of optimum drive configuration with savings in component costs and assembly times.

As HPC V-Belts are effectively self-tensioning on installation and exhibit low operational stretch, there's no need to incorporate belt tensioners and sliding motor bases into drive designs. Plus, drives can be optimally mounted on/in equipment to ensure quick and easy field maintenance.

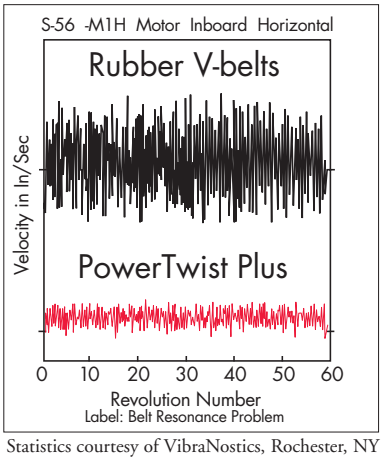
APPLICATION
Airport Baggage Handling

Problem Chain was originally specified to drive rollers in a complex curve/loop configuration. Each roller was offset at an 8° angle. The stresses on the chain of running between angled sprockets caused frequent premature chain failure.

Solution Roller drives were converted to run SuperTLink HPC V-Belts. Not only did SuperT handle the drive misalignment with ease, system noise was reduced by 40% compared to the earlier chain driven set up.

Reduced Drive Vibration and System Noise

PowerTwist Plus, NuTLink and SuperTLink do not incorporate the continuous tension cords found in conventional V-belts. As a result, transmitted vibration in the drive system can be reduced by 50% or more. Consequently, system noise is reduced and, as a bonus, bearing life extended.



Statistics courtesy of VibraNostics, Rochester, NY

APPLICATION
Woodworking Equipment

Problem The continuous tension cords in conventional V-belts were allowing vibrations to be transmitted from the table saw motor to the cutting blade. This caused "blade chatter" leading to imperfect rough cuts.

Solution Fitting PowerTwist Plus HPC V-Belts dampened transmitted vibrations and reduced system noise significantly. All belt-driven woodworking equipment will benefit from fitting the red belt — perfect cuts and finishes every time!

Solving Big Problems on Big Drives

In addition to the common industry standard belt cross sections, NuTLink is available in larger belt profiles up to F/50mm! Here's an ideal solution for heavy industrial equipment where replacement belts are either obsolete or expensive made-to-order items with excessive minimum order quantities.

APPLICATION
Steel Rolling Mill Drive

Problem This steel mill rolling drive was fitted with 12 x 115' long F section rubber belts. When the belts were due for replacement, cost effective, readily available conventional belts couldn't be found. Plus, installation time was estimated to be at least one week.

Solution Specifying F section NuTLink HPC V-Belts reduced new belt costs by 50%+; installation time was just two days, minimizing line downtime and boosting plant output.

Prepacks by Belt Designation	3L	0	A/4L	A/13	B/5L	B/17	C/22	D/32	E40*	F/50*	SPZ	SPA	SPB	SPC
PowerTwist Plus 5' Sleeve	✓		✓											
PowerTwist Plus 6' Sleeve					✓									
PowerTwist Plus 25' Box	✓		✓		✓		✓	✓						
PowerTwist Plus 100' Box	✓		✓		✓		✓	✓						
NuTLink 50' Reel								✓	✓	✓				
NuTLink 100' Reel		✓		✓		✓	✓							
SuperTLink 100' Reel											✓	✓	✓	✓

* Indicates non-stock cross sections — made-to-order only
Each pre-pack includes full installation instructions and fitting tools (where appropriate)

PowerTwist Plus® V-BELTS for Conveying Systems

A Bright Red Bright Idea

Are you having any of these problems typically associated with conveyor operation?

- Tearing down half the conveyor to replace endless V-belts?
- Keeping chain conveyors well oiled or greased?
- Finding scuff marks on conveyed components?
- Experiencing belt cracking with endless rubber or urethane belts?
- Having to buy "drum lots" when you only need one belt?
- Excessive spare belt inventory?

Then it's time you took advantage of the added value benefits of PowerTwist Plus®.

- High tensile strength: low stretch
- Easy to install without dismantling drive systems
- Make endless to required length by hand in seconds
- No tools or welders required
- Typically non-marking
- Resistant to extremes of temperature, water, oils, grease, and other common industrial chemicals and solvents

PowerTwist® V-BELTS Specialty Belts

To complement the use of PowerTwist Plus® V-Belts in material and unit handling applications, the following derivatives are available:

PowerTwist® Double-V

Ideal for use with serpentine drives or material transfer applications where a reduced contact surface is required.

Patent Number 6,565,689

PowerTwist® Friction Top®

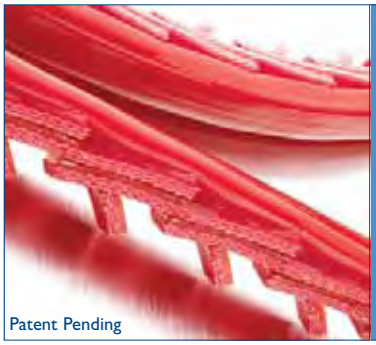
Incorporates a super grip cast 85A durometer urethane top surface that gives extra grip on conveyed product... top surface cannot delaminate — we guarantee it!

PowerTwist® Bridge Top™

Supplied with Teflon® inserts for high temperature conveying applications; will handle contact temperatures up to 450°F.

Teflon is a registered trademark of DuPont.

Patent Numbers 5,564,558 and 6,062,379



Patent Pending

PowerTwist® Cushion Top™

Transports product on a smooth, integrally bonded, non-marking "bubble" top surface.

PowerTwist® Ground Round®

Designed specifically to replace round profile rubber, urethane and leather belts. Extremely flexible and ideally suited for use with small sheave/idler diameters.

Patent Number D.347,919

Product Range for Conveying Applications	A	AA	B	BB	C	CC	D	5/16"	3/8"	1/2"	9/16"	3/4"
PowerTwist Plus	●	●	●	●	●	●	●					
PowerTwist Friction Top	●		●		●							
PowerTwist Bridge Top	●		●									
PowerTwist Cushion Top	●		●									
PowerTwist Ground Round								●	●	●	●	●

For more applications, visit
www.fennerdrives.com

PowerTwist Plus® V-BELTS The Proven Choice for Material & Unit Handling Conveyors

Glass

PowerTwist Plus V-Belts are used extensively in the glass industry. Non-marking; high temperature rating; resistant to cuts and tears.

Warehousing

In addition to its use as a conveying belt, PowerTwist Plus is used extensively as a power transmission belt on belt driven roller, power curve and line shaft conveyors. Costly system downtime can be avoided with "quick fit" PowerTwist Plus... no tools: no time: no trouble!

Light Bulbs

PowerTwist® Ground Round® is used in this industry as it is non-marking and easy to fit on hard to access drive systems. Round section allows belting to accommodate serpentine drives.

Sheet Metal

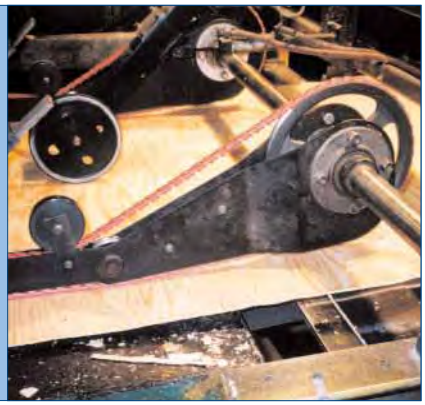
With high tensile strength plus excellent oil and abrasion resistance, PowerTwist Plus is used commonly to transport metal sheeting and fabricated forms. Non-marking. Ideally suitable for use on long conveyor runs.

Washdowns

PowerTwist Plus is ideal for use in applications involving washdowns. On this crate washer, high resistance to water, elevated temperatures and detergents is essential.

Wood Conveying

Excellent abrasion resistance and product grip combined with easy installation makes PowerTwist Plus the transfer belt of choice in the fabricated wooden components sector.



Packaging

PowerTwist Plus V-Belts are widely used in time sensitive packaging operations. Replacement belts of any length can be made up by hand on site and fitted in minutes without the use of belt welding tools or the dismantling of drive components.

Household Appliances

PowerTwist Plus is commonly used to convey bulky consumer appliances. With high tensile belt strength and non-marking features, the red belt from Fenner Drives really delivers the goods!

PowerTwist Plus® V-Belts

Product Number	Belt Section	Carton Pack
0405010	3L	25'
0405020	0	25'
0405030	A	25'
0405050	B	25'
0405070	C	25'
0405090	D	25'
0405230	AA	25'
0405250	BB	25'
0405270	CC	25'
0408010	3L	100'
0408020	0	100'
0408030	A	100'
0408050	B	100'
0408070	C	100'
0408090	D	100'
0408230	AA	100'
0408250	BB	100'
0408270	CC	100'
0418010	3L	10 x 5' sleeve
0418030	A	20 x 5' sleeve
0418050	B	20 x 6' sleeve
0418060	A/B	8 x 5' (A) 12 x 6' (B)

PowerTwist® Cushion Top™

Product Number	Belt Section	Carton Pack
0410105*	A	100'
0410100-25	B	25'
0410100	B	100'

PowerTwist® Bridge Top™

Product Number	Belt Section	Carton Pack
0499022*	A	25'
0499021*	B	25'
0408072*	C	25'
0499020*	A	100'
0499002*	B	100'
0408071*	C	100'

PowerTwist® Ground Round®

Product Number	Belt Section	Carton Pack
04051050	5/16"	25'
04051060	3/8"	25'
04051040	1/2"	25'
04051070	9/16"	25'
04051080*	3/4"	25'
04081050	5/16"	100'
04081060	3/8"	100'
04081040	1/2"	100'
04081070	9/16"	100'
04081080*	3/4"	100'

PowerTwist® Friction Top®

Product Number	Belt Section	Carton Pack
0405081	A	25'
0405082	B	25'
0408081	A	100'
0408082	B	100'

NuTLink® V-Belts

Product Number	Belt Section	Carton Pack
0202002	0	100'
0202003	A	100'
0202004	B	100'
0202005	C	100'
0202006	D	50'
0202007*	E	50'

SuperTLink® V-Belts

Product Number	Belt Section	Carton Pack
8011380	SPZ	100'
8011350	SPA	100'
8011360	SPB	100'
8011370	SPC	100'

** Consult factory for availability.*

The following pages provide power ratings for PowerTwist Plus, NuTLink and SuperTLink belting, and offer some information on how to determine the belt type for a particular drive. Before you can proceed, you need to know the following four things:

1. The type of application or driven machine.
2. The type of prime mover, its HP rating and RPM.
3. The speed of the driven machine or speed ratio.
4. The approximate center distance between shafts.

Example:
7½ HP 1750 RPM, NEMA A, electric motor driving a restaurant roof top exhaust fan. Current drive consists of a 5.4 x 2B on the motor, a 6.8 x 2B on the fan and a center distance of about 22". Runs 16 – 24 hours/day.

Step 1. Find the Design Horsepower

A. From Table 1 we select 1.2 SF, i.e. NEMA A motor, Fan up to 10 HP
B. DHP = 7.5 HP x 1.2 SF = 9.0 DHP

The machines listed below are representative samples only. Select the group whose load characteristics closely match the machine being considered.

DriveN Machine	Types of Prime Mover					
	AC Motors: Normal Torque (NEMA A-B), Squirrel Cage, Synchronous, Split Phase DC Motors: Shunt Wound Engines: Multiple Cylinder Internal Combustion			AC Motors: High Torque (NEMA C-D), High Slip, Repulsion, Induction, Single Phase, Slip Ring, Series Wound DC Motors: Series Wound, Compound Wound Engines: Single Cylinder Internal Combustion Lineshafts, Clutches		
	Intermittent Service 3 – 5 Hrs/Day or Seasonal	Normal Service 8 – 10 Hrs/Day	Continuous Service 16 – 24 Hrs/Day	Intermittent Service 3 – 5 Hrs/Day or Seasonal	Normal Service 8 – 10 Hrs/Day	Continuous Service 16 – 24 Hrs/Day
Fans (up to 10 HP); Centrifugal Pumps and Compressors; Conveyors (Light Duty)	1.0	1.1	1.2	1.1	1.2	1.3
Agitators: Liquid; Revolving and Vibrating Screens; Fans (over 10 HP); Generators; Machine Tools: Lathes, Mills, etc.; Line Shafts; Positive Displacement Rotary Pumps; Woodworking Equipment: Saws, Drills, Lathes, etc.	1.1	1.2	1.3	1.2	1.3	1.4
Brick Machinery; Agitators: Semi-Liquid; Presses, Punches, Shears; Pumps (Piston); Belt Conveyors: Ore, Coal, Sand, Aggregate; Compressors (Piston); Positive Displacement Blowers; Saw Mill Machinery; Textile Machinery	1.2	1.3	1.4	1.4	1.5	1.6

Table 1

Step 2. Review the Drive

A. Calculate the speed ratio. This is large diameter divided by small diameter.
6.8 ÷ 5.4 = 1.26:1

B. Calculate Belt HP Rating
1. Refer to the PowerTwist Plus power rating table for "B" cross section belt. Using the faster shaft RPM of 1750, read across to column headed 5.4" and find 5.43. This is the basic HP rating. Read across on the same line under the **Add-on Horsepower** rating section, in column headed 1.21 to 1.27, read .19. Adding .19 to 5.43 gives 5.62 rated HP per belt.

C. Determine the Arc of Contact Correction Factor
1. Calculate (D - d) ÷ C and find factor Kϕ from Table 2.

Where: D = 6.8, d = 5.4 and C = 22
(6.8 - 5.4) ÷ 22 = 0.06
Factor Kϕ is 1.00.

D. Determine Belt Length and Length Correction Factor (L_C)
1. Using the formula below calculate the belt length and from Table 3 find the Length Correction Factor (L_C).

$$\text{Belt Length} = 2C + 1.57\,(D + d) + \frac{(D - d)^2}{4C}$$

Where: D = 6.8, d = 5.4 and C = 22
Belt Length = 63.2 inches
From Table 3, under "B" cross section and between a 60 and 68 inch belt factor L_C is .93.

E. Calculate Corrected HP per Belt
1. Corrected HP per Belt = Rated HP per belt x Factor Kϕ x Factor L_C
Corrected HP per Belt = 5.62 x 1.00 x .93 = 5.23

Step 3. Find the Number of Belts Required

A. Divide the Design Horsepower by the Corrected Horsepower per belt to find the number of belts required.
The answer will usually contain a fraction; therefore always round up to the next whole number of belts.
DHP ÷ CHP = 9.0 ÷ 5.23 = 1.72.

Two PowerTwist Plus belts are okay for the application.

Arc of Contact Correction Factor (Kϕ) for V-Belt Drives

$\frac{D-d}{C}$	Arc of Contact, ϕ on Small Sheave Diameter	Factor Kϕ A, B, C, D, SPZ, SPA, SPB, SPC
0.00	180	1.00
0.10	174	0.99
0.20	169	0.97
0.30	163	0.96
0.40	157	0.94
0.50	151	0.93
0.60	145	0.91
0.70	139	0.89
0.80	133	0.87
0.90	127	0.85
1.00	120	0.82
1.10	113	0.80
1.20	106	0.77
1.30	99	0.73
1.40	91	0.70
1.50	83	0.65

Table 2

Where: D = large datum diameter
d = small datum diameter
C = center distance

Belt Length Correction Factors (L_c)

Length (inches)	Belt Cross Section A	B	C	D	Length (mm)	Belt Cross Section SPZ	SPA	SPB	SPC
26	0.78				512	0.79			
31	0.82				630	0.83			
35	0.85	0.80			710	0.85			
38	0.87	0.82			800	0.87	0.81		
42	0.89	0.84			900	0.89	0.83		
46	0.91	0.86			1000	0.91	0.85		
51	0.93	0.88	0.80		1120	0.93	0.86		
55	0.95	0.89	0.83		1250	0.95	0.88	0.88	
60	0.97	0.91	0.83		1400	0.98	0.90	0.85	
68	1.00	0.94	0.85		1500	0.99	0.91	0.86	
75	1.02	0.96	0.87		1600	1.00	0.92	0.87	
80	1.04	0.98	0.88		1800	1.02	0.94	0.89	
81	1.05	0.98	0.89		2000	1.04	0.96	0.91	0.85
85	1.05	0.99	0.90		2240	1.06	0.98	0.93	0.86
90	1.07	1.00	0.91		2500	1.08	1.00	0.94	0.88
96	1.08	1.02	0.92		2800	1.10	1.02	0.96	0.90
97	1.10	1.02	0.94		3150	1.12	1.04	0.98	0.91
105	1.10	1.03	0.94		3550	1.15	1.06	1.00	0.93
112	1.12	1.05	0.95		4000			1.02	0.95
120	1.13	1.06	0.96	0.88	4500			1.04	0.97
128	1.15	1.08	0.98	0.89	5000			1.05	0.98
144		1.10	1.00	0.91	5600			1.07	1.00
158		1.12	1.02	0.93	6300			1.09	1.02
173		1.14	1.04	0.94	7100			1.11	1.03
180		1.15	1.05	0.95	7500			1.12	1.04
195		1.17	1.07	0.96	8000			1.13	1.05
210		1.18	1.08	0.98	9000				1.07
240		1.22	1.10	1.00	9500				1.08
270		1.24	1.13	1.02					
300		1.27	1.15	1.04					
330			1.17	1.06					
360			1.18	1.07					
390			1.20	1.09					
420			1.21	1.10					
480				1.13					
540				1.15					
600				1.17					
660				1.18					

Table 3

$$\text{Belt Length} = 2C + 1.57\,(D + d) + \frac{(D - d)^2}{4C}$$

Where: D = large datum diameter
d = small datum diameter
C = center distance

PowerTwist Plus® V-BELTS

PowerTwist Plus Power Ratings for 3L Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter						RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter						RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter					
	2.00	2.50	3.00	3.50	4.00	4.50		2.00	2.50	3.00	3.50	4.00	4.50		2.00	2.50	3.00	3.50	4.00	4.50
1160	0.19	0.30	0.40	0.50	0.59	0.68	1800	0.27	0.42	0.56	0.70	0.83	0.96	3400	0.40	0.64	0.85	1.04	1.19	1.30
1750	0.26	0.41	0.55	0.69	0.82	0.94	2000	0.29	0.45	0.61	0.76	0.90	1.03	3600	0.42	0.66	0.87	1.05	1.20	
3450	0.41	0.65	0.86	1.04	1.19	1.30	2200	0.31	0.49	0.65	0.81	0.96	1.10	3800	0.43	0.68	0.89	1.07		
800	0.15	0.22	0.29	0.36	0.43	0.50	2400	0.33	0.52	0.69	0.86	1.01	1.15	4000	0.43	0.69	0.91	1.08		
1000	0.17	0.26	0.35	0.44	0.52	0.61	2600	0.35	0.55	0.73	0.90	1.06	1.20	4200	0.44	0.70	0.92			
1200	0.20	0.31	0.41	0.51	0.61	0.70	2800	0.36	0.57	0.77	0.94	1.10	1.24	4400	0.45	0.71				
1400	0.22	0.35	0.46	0.58	0.69	0.79	3000	0.38	0.60	0.80	0.98	1.14	1.27	4600	0.45	0.72				
1600	0.25	0.38	0.51	0.64	0.76	0.88	3200	0.39	0.62	0.83	1.01	1.17	1.29	4800	0.46					

PowerTwist Plus Power Ratings for A Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter										RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio					
	3.00	3.40	3.80	4.20	4.80	5.20	5.60	6.00	6.40	7.00		1.00 to 1.01	1.05 to 1.07	1.11 to 1.14	1.21 to 1.27	1.40 to 1.64	1.65 and higher
1160	1.17	1.53	1.89	2.24	2.76	3.10	3.44	3.77	4.10	4.58	1160	0.00	0.04	0.08	0.13	0.17	0.19
1750	1.55	2.07	2.58	3.07	3.80	4.27	4.74	5.19	5.64	6.29	1750	0.00	0.06	0.13	0.19	0.26	0.29
3450	2.29	3.16	4.00	4.80	5.93	6.64	7.30				3450	0.00	0.13	0.25	0.38	0.50	0.57
200	0.30	0.38	0.45	0.53	0.64	0.71	0.78	0.85	0.93	1.03	200	0.00	0.01	0.01	0.02	0.03	0.03
400	0.52	0.67	0.81	0.94	1.15	1.29	1.42	1.55	1.68	1.88	400	0.00	0.01	0.03	0.04	0.06	0.07
600	0.72	0.92	1.12	1.32	1.62	1.81	2.00	2.19	3.03	2.66	600	0.00	0.02	0.04	0.07	0.09	0.10
800	0.89	1.15	1.41	1.67	2.05	2.30	2.54	2.79	3.03	3.38	800	0.00	0.03	0.06	0.09	0.12	0.13
1000	1.05	1.37	1.69	2.00	2.45	2.76	3.05	3.35	3.64	4.07	1000	0.00	0.04	0.07	0.11	0.15	0.16
1200	1.20	1.57	1.94	2.31	2.84	3.19	3.54	3.88	4.21	4.71	1200	0.00	0.04	0.09	0.13	0.18	0.20
1400	1.34	1.76	2.18	2.60	3.21	3.60	3.99	4.38	4.76	5.32	1400	0.00	0.05	0.10	0.15	0.20	0.23
1600	1.46	1.94	2.41	2.87	3.55	3.99	4.43	4.85	5.27	5.89	1600	0.00	0.06	0.12	0.18	0.23	0.26
1800	1.58	2.11	2.63	3.14	3.88	4.36	4.84	5.30	5.76	6.42	1800	0.00	0.07	0.13	0.20	0.26	0.30
2000	1.69	2.27	2.84	3.39	4.19	4.71	5.23	5.72	6.21	6.92	2000	0.00	0.07	0.15	0.22	0.29	0.33
2200	1.80	2.42	3.03	3.62	4.49	5.05	5.59	6.12	6.63	7.37	2200	0.00	0.08	0.16	0.24	0.32	0.36
2400	1.89	2.56	3.21	3.85	4.77	5.36	5.93	6.48	7.02	7.79	2400	0.00	0.09	0.18	0.26	0.35	0.39
2600	1.98	2.69	3.39	4.06	5.03	5.65	6.25	6.82	7.38	8.17	2600	0.00	0.09	0.19	0.29	0.38	0.43
2800	2.07	2.82	3.55	4.25	5.27	5.91	6.54	7.13	7.70		2800	0.00	0.10	0.20	0.31	0.41	0.46
3000	2.14	2.93	3.70	4.44	5.49	6.16	6.80	7.41	7.99		3000	0.00	0.11	0.22	0.33	0.44	0.49
3200	2.21	3.04	3.84	4.61	5.70	6.39	7.04	7.66			3200	0.00	0.12	0.23	0.35	0.47	0.53
3400	2.27	3.14	3.97	4.76	5.89	6.59	7.25				3400	0.00	0.12	0.25	0.37	0.50	0.56
3600	2.33	3.23	4.09	4.91	6.06	6.77					3600	0.00	0.13	0.26	0.39	0.53	0.59
3800	2.38	3.31	4.19	5.04	6.21						3800	0.00	0.14	0.28	0.42	0.56	0.63
4000	2.42	3.38	4.29	5.15							4000	0.00	0.15	0.29	0.44	0.59	0.66
4200	2.45	3.44	4.37	5.25							4200	0.00	0.15	0.31	0.46	0.61	0.69
4400	2.48	3.50	4.45	5.33							4400	0.00	0.16	0.32	0.48	0.64	0.72
4600	2.51	3.54	4.51								4600	0.00	0.17	0.34	0.50	0.67	0.76
4800	2.52	3.58	4.55								4800	0.00	0.18	0.35	0.53	0.70	0.79
5000	2.53	3.60									5000	0.00	0.18	0.37	0.55	0.73	0.82
5200	2.53	3.62									5200	0.00	0.19	0.38	0.57	0.76	0.86
5400	2.52	3.62									5400	0.00	0.20	0.39	0.59	0.79	0.89

PowerTwist Plus V-BELTS

PowerTwist Plus Power Ratings for B Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter								
	5.00*	5.20*	5.40	6.00	6.40	6.80	7.40	8.60	9.40
1160	3.51	3.81	4.11	4.99	5.57	6.14	6.99	8.62	9.68
1750	4.61	5.02	5.43	6.64	7.43	8.20	9.32	11.44	12.76
3450	6.02	6.65	7.22						
200	0.89	0.96	1.02	1.21	1.34	1.46	1.65	2.02	2.26
400	1.57	1.69	1.80	2.16	2.39	2.62	2.97	3.65	4.10
600	2.15	2.32	2.49	3.00	3.33	3.66	4.15	5.12	5.75
800	2.68	2.90	3.12	3.76	4.19	4.61	5.24	6.46	7.26
1000	3.16	3.42	3.69	4.47	4.98	5.49	6.24	7.71	8.65
1200	3.59	3.90	4.21	5.12	5.71	6.30	7.17	8.84	9.92
1400	3.99	4.34	4.69	5.72	6.39	7.05	8.02	9.88	11.07
1600	4.36	4.75	5.13	6.27	7.00	7.73	8.79	10.81	12.09
1800	4.69	5.11	5.53	6.76	7.57	8.35	9.49	11.63	12.97
2000	4.98	5.44	5.89	7.21	8.07	8.90	10.10	12.34	13.70
2200	5.24	5.73	6.21	7.61	8.51	9.38	10.64	12.93	
2400	5.47	5.98	6.49	7.96	8.90	9.80	11.08		
2600	5.66	6.19	6.72	8.25	9.22	10.14			
2800	5.81	6.37	6.92	8.49	9.47	10.40			
3000	5.93	6.50	7.06	8.66					
3200	6.00	6.59	7.17						
3400	6.04	6.64	7.22						
3600	6.04	6.64	7.22						

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio					
	1.00 to 1.01	1.05 to 1.07	1.11 to 1.14	1.21 to 1.27	1.40 to 1.64	1.65 and higher
1160	0.00	0.04	0.08	0.13	0.17	0.19
1750	0.00	0.06	0.13	0.19	0.26	0.29
3450	0.00	0.13	0.25	0.38	0.50	0.57
200	0.00	0.01	0.01	0.02	0.03	0.03
400	0.00	0.01	0.03	0.04	0.06	0.07
600	0.00	0.02	0.04	0.07	0.09	0.10
800	0.00	0.03	0.06	0.09	0.12	0.13
1000	0.00	0.04	0.07	0.11	0.15	0.16
1200	0.00	0.04	0.09	0.13	0.18	0.20
1400	0.00	0.05	0.10	0.15	0.20	0.23
1600	0.00	0.06	0.12	0.18	0.23	0.26
1800	0.00	0.07	0.13	0.20	0.26	0.30
2000	0.00	0.07	0.15	0.22	0.29	0.33
2200	0.00	0.08	0.16	0.24	0.32	0.36
2400	0.00	0.09	0.18	0.26	0.35	0.39
2600	0.00	0.09	0.19	0.29	0.38	0.43
2800	0.00	0.10	0.20	0.31	0.41	0.46
3000	0.00	0.11	0.22	0.33	0.44	0.49
3200	0.00	0.12	0.23	0.35	0.47	0.53
3400	0.00	0.12	0.25	0.37	0.50	0.56
3600	0.00	0.13	0.26	0.39	0.53	0.59

* Indicates diameters below minimum recommended for B V-belt. Can be used only if a reduction in belt service life is acceptable.

PowerTwist Plus Power Ratings for C Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter							
	8.00*	8.50*	9.00	10.00	11.00	12.00	14.00	16.00
870	8.41	9.43	10.44	12.41	14.34	16.23	19.84	23.25
1160	10.21	11.48	12.73	15.16	17.50	19.75	23.96	27.77
1750	12.78	14.41	15.98	18.96				
200	2.68	2.97	3.25	3.82	4.38	4.93	6.02	7.09
400	4.68	5.21	5.74	6.78	7.80	8.82	10.80	12.75
600	6.40	7.15	7.90	9.37	10.81	12.23	15.00	17.67
800	7.92	8.87	9.82	11.67	13.48	15.26	18.67	21.92
1000	9.26	10.39	11.52	13.71	15.84	17.91	21.83	25.48
1200	10.43	11.73	13.01	15.49	17.88	20.17	24.44	
1400	11.43	12.87	14.28	17.00	19.59	22.02		
1600	12.27	13.83	15.34	18.23	20.94	23.44		
1800	12.93	14.58	16.17	19.17				
2000	13.41	15.12	16.75					
2200	13.69	15.44						

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio					
	1.00 to 1.01	1.05 to 1.07	1.11 to 1.14	1.21 to 1.27	1.40 to 1.64	1.65 and higher
870	0.00	0.03	0.06	0.10	0.13	0.14
1160	0.00	0.04	0.08	0.13	0.17	0.19
1750	0.00	0.06	0.13	0.19	0.26	0.29
200	0.00	0.01	0.01	0.02	0.03	0.03
400	0.00	0.01	0.03	0.04	0.06	0.07
600	0.00	0.02	0.04	0.07	0.09	0.10
800	0.00	0.03	0.06	0.09	0.12	0.13
1000	0.00	0.04	0.07	0.11	0.15	0.16
1200	0.00	0.04	0.09	0.13	0.18	0.20
1400	0.00	0.05	0.10	0.15	0.20	0.23
1600	0.00	0.06	0.12	0.18	0.23	0.26
1800	0.00	0.07	0.13	0.20	0.26	0.30
2000	0.00	0.07	0.15	0.22	0.29	0.33
2200	0.00	0.08	0.16	0.24	0.32	0.36

* Indicates diameters below minimum recommended for C V-belt. Can be used only if a reduction in belt service life is acceptable.

- The ultimate red V-belt.
- High performance urethane elastomer.
- High strength — low stretch.
- Superior resistance to hostile environments.
- Made to length by hand — no tools.
- Can be installed without dismantling drive components.

NUTLINK®

NuTLink Power Ratings for A Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter									
	3.00	3.40	3.80	4.20	4.80	5.20	5.60	6.00	6.40	7.00
1160	1.41	1.85	2.29	2.72	3.36	3.78	4.18	4.59	4.99	5.59
1750	1.85	2.49	3.11	3.71	4.59	5.17	5.73	6.28	6.82	7.60
3450	2.62	3.65	4.64	5.57	6.86	7.64	8.35	8.96	9.57	0.00
200	0.37	0.45	0.55	0.64	0.77	0.85	0.95	1.04	1.12	1.24
400	0.63	0.80	0.97	1.14	1.39	1.56	1.72	1.89	2.04	2.29
600	0.86	1.11	1.36	1.60	1.96	2.19	2.43	2.66	2.90	3.24
800	1.07	1.39	1.71	2.03	2.49	2.79	3.09	3.39	3.69	4.12
1000	1.26	1.65	2.04	2.42	2.98	3.35	3.71	4.07	4.43	4.96
1200	1.44	1.90	2.35	2.79	3.45	3.87	4.30	4.72	5.12	5.73
1400	1.60	2.12	2.64	3.14	3.89	4.37	4.85	5.32	5.78	6.46
1600	1.75	2.34	2.91	3.47	4.30	4.84	5.37	5.88	6.39	7.13
1800	1.89	2.53	3.17	3.78	4.69	5.27	5.85	6.40	6.95	7.74
2000	2.02	2.72	3.40	4.07	5.05	5.68	6.29	6.89	7.47	8.31
2200	2.13	2.89	3.63	4.35	5.39	6.06	6.71	7.33	7.93	8.79
2400	2.24	3.05	3.84	4.59	5.70	6.40	7.08	7.73	8.35	9.22
2600	2.33	3.19	4.03	4.83	5.98	6.71	7.41	8.08	8.70	9.57
2800	2.42	3.32	4.19	5.04	6.24	6.99	7.71	8.38	9.05	
3000	2.49	3.44	4.35	5.23	6.46	7.23	7.95	8.63	9.22	
3200	2.56	3.54	4.49	5.39	6.66	7.44	8.16	8.87		
3400	2.61	3.64	4.61	5.53	6.82	7.60	8.33			
3600	2.64	3.71	4.72	5.66	6.95	7.73				
3800	2.68	3.77	4.79	5.66	7.05					
4000	2.70	3.81	4.85	5.82						
4200	2.71	3.85	4.90	5.86						
4400	2.70	3.85	4.92	5.88						
4600	2.68	3.85	4.92							
4800	2.65	3.84	4.90							
5000	2.61	3.80								

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio					
	1.00 to 1.01	1.05 to 1.07	1.11 to 1.14	1.21 to 1.27	1.40 to 1.64	1.65 and higher
1160	0.00	0.04	0.08	0.14	0.18	0.20
1750	0.00	0.06	0.14	0.20	0.27	0.30
3450	0.00	0.14	0.26	0.40	0.53	0.60
200	0.00	0.01	0.01	0.02	0.03	0.03
400	0.00	0.01	0.03	0.04	0.06	0.07
600	0.00	0.02	0.04	0.07	0.09	0.11
800	0.00	0.03	0.06	0.09	0.13	0.14
1000	0.00	0.04	0.07	0.12	0.16	0.17
1200	0.00	0.04	0.09	0.14	0.19	0.21
1400	0.00	0.05	0.11	0.16	0.21	0.24
1600	0.00	0.06	0.13	0.19	0.24	0.27
1800	0.00	0.07	0.14	0.21	0.27	0.32
2000	0.00	0.07	0.16	0.23	0.30	0.35
2200	0.00	0.08	0.17	0.25	0.34	0.38
2400	0.00	0.09	0.19	0.27	0.37	0.41
2600	0.00	0.09	0.20	0.30	0.40	0.45
2800	0.00	0.11	0.21	0.33	0.43	0.48
3000	0.00	0.12	0.23	0.35	0.46	0.51
3200	0.00	0.13	0.24	0.37	0.49	0.56
3400	0.00	0.13	0.26	0.39	0.53	0.59
3600	0.00	0.14	0.27	0.41	0.56	0.62
3800	0.00	0.15	0.29	0.44	0.59	0.66
4000	0.00	0.16	0.30	0.46	0.62	0.69
4200	0.00	0.16	0.33	0.48	0.64	0.72
4400	0.00	0.17	0.34	0.50	0.67	0.76
4600	0.00	0.18	0.36	0.53	0.70	0.80
4800	0.00	0.19	0.37	0.56	0.74	0.83
5000	0.00	0.19	0.39	0.58	0.77	0.86

NuTLink Power Ratings for B Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter								
	5.00*	5.20*	5.40	6.00	6.40	6.80	7.40	8.60	9.40
1160	4.40	4.75	5.10	6.13	6.80	7.47	8.45	10.40	11.59
1750	5.80	6.27	6.74	8.14	9.04	9.94	11.22	13.62	15.09
3450	7.26	7.89	8.49	10.12	11.04	11.87	0.00	0.00	0.00
200	1.09	1.17	1.24	1.46	1.61	1.75	1.97	2.39	2.68
400	1.93	2.07	2.21	2.62	2.89	3.16	3.56	4.36	4.88
600	2.67	2.87	3.06	3.66	4.05	4.43	5.00	6.14	6.87
800	3.34	3.60	3.85	4.61	5.11	5.59	6.33	7.76	8.69
1000	3.95	4.26	4.56	5.48	6.08	6.67	7.54	9.29	10.40
1200	4.51	4.87	5.23	6.28	6.97	7.65	8.67	10.58	11.87
1400	5.01	5.43	5.82	7.02	7.79	8.56	9.66	11.87	13.16
1600	5.47	5.92	6.38	7.68	8.54	9.38	10.58	12.88	14.35
1800	5.89	6.38	6.86	8.28	9.20	10.12	11.41	13.80	15.27
2000	6.26	6.78	7.30	8.80	9.75	10.67	12.05	14.54	16.01
2200	6.57	7.12	7.67	9.29	10.30	11.22	12.33	15.09	
2400	6.83	7.41	7.98	9.66	10.67	11.68	13.06		
2600	7.04	7.64	8.22	9.95	10.95	11.96			
2800	7.19	7.80	8.41	10.21	11.13	12.14			
3000	7.28	7.90	8.52	10.21					
3200	7.31	7.94	8.56						
3400	7.28	7.91	8.51						
3600	7.19	7.80	8.39						

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio					
	1.00 to 1.01	1.05 to 1.07	1.11 to 1.14	1.21 to 1.27	1.40 to 1.64	1.65 and higher
1160	0.00	0.04	0.08	0.14	0.18	0.20
1750	0.00	0.06	0.14	0.2	0.27	0.30
3450	0.00	0.14	0.26	0.4	0.53	0.60
200	0.00	0.01	0.01	0.02	0.03	0.03
400	0.00	0.01	0.03	0.04	0.06	0.07
600	0.00	0.02	0.04	0.07	0.09	0.11
800	0.00	0.03	0.06	0.09	0.13	0.14
1000	0.00	0.04	0.07	0.12	0.16	0.17
1200	0.00	0.04	0.09	0.14	0.19	0.21
1400	0.00	0.05	0.11	0.16	0.21	0.24
1600	0.00	0.06	0.13	0.19	0.24	0.27
1800	0.00	0.07	0.14	0.21	0.27	0.32
2000	0.00	0.07	0.16	0.23	0.30	0.35
2200	0.00	0.08	0.17	0.25	0.34	0.38
2400	0.00	0.09	0.19	0.27	0.37	0.41
2600	0.00	0.09	0.20	0.3	0.40	0.45
2800	0.00	0.11	0.21	0.33	0.43	0.48
3000	0.00	0.12	0.23	0.35	0.46	0.51
3200	0.00	0.13	0.24	0.37	0.49	0.56
3400	0.00	0.13	0.26	0.39	0.53	0.59
3600	0.00	0.14	0.27	0.41	0.56	0.62

* Indicates diameters below minimum recommended for B V-belt. Can be used only if a reduction in belt service life is acceptable.

NUTLINK®

NuTLink Power Ratings for C Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter							
	8.00*	8.50*	9.00	10.00	11.00	12.00	14.00	16.00
870	9.27	10.35	11.34	13.41	15.30	17.19	20.88	24.30
1160	11.34	12.69	13.95	16.38	18.72	20.97	25.11	28.80
1750	14.22	15.84	17.37	20.25	22.77	25.11	0.00	0.00
200	2.84	3.13	3.42	3.99	4.55	5.11	6.22	7.31
400	5.06	5.60	6.13	7.19	8.24	9.27	11.25	13.32
600	7.00	7.77	8.52	9.99	11.52	12.96	15.75	18.45
800	8.73	9.72	10.62	12.51	14.40	16.20	19.62	22.95
1000	10.26	11.43	12.60	14.76	16.92	18.99	22.95	26.55
1200	11.61	12.96	14.22	16.74	19.08	21.42	25.56	
1400	12.78	14.22	15.57	18.27	20.88	23.22		
1600	13.68	15.21	16.74	19.53	22.14	24.48		
1800	14.40	16.02	17.55	20.43				
2000	14.94	16.56	18.09					
2200	15.12	16.74						

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio					
	1.00 to 1.01	1.05 to 1.07	1.11 to 1.14	1.21 to 1.27	1.40 to 1.64	1.65 and higher
870	0.00	0.03	0.06	0.11	0.14	0.15
1160	0.00	0.04	0.08	0.14	0.18	0.20
1750	0.00	0.06	0.14	0.20	0.27	0.30
200	0.00	0.01	0.01	0.02	0.03	0.03
400	0.00	0.01	0.03	0.04	0.06	0.07
600	0.00	0.02	0.04	0.07	0.09	0.11
800	0.00	0.03	0.06	0.09	0.13	0.14
1000	0.00	0.04	0.07	0.12	0.16	0.17
1200	0.00	0.04	0.09	0.14	0.19	0.21
1400	0.00	0.05	0.11	0.16	0.21	0.24
1600	0.00	0.06	0.13	0.19	0.24	0.27
1800	0.00	0.07	0.14	0.21	0.27	0.32
2000	0.00	0.07	0.16	0.23	0.30	0.35
2200	0.00	0.08	0.17	0.25	0.34	0.38

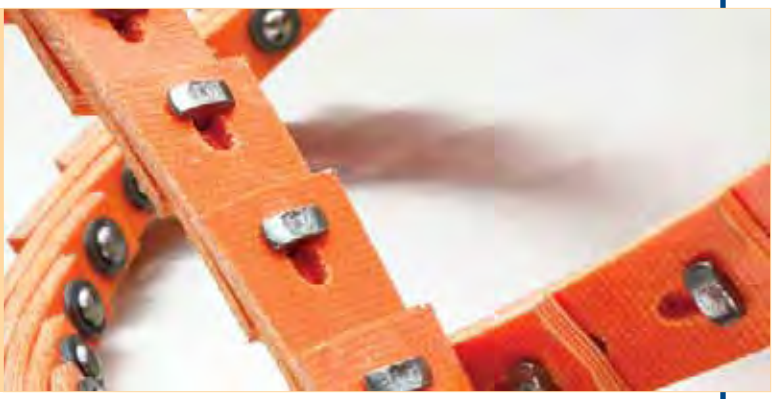
* Indicates diameters below minimum recommended for C V-belt. Can be used only if a reduction in belt service life is acceptable.

NuTLink Power Ratings for D Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Datum Diameter					
	13.00	14.00	15.00	16.00	18.00	22.00
575	20.01	22.63	25.25	27.77	32.73	41.98
870	26.55	30.01	33.38	36.65	42.73	53.39
1160	30.67	34.60	38.15			
200	8.56	9.63	10.66	11.78	13.84	17.86
400	15.15	17.11	37.68	20.94	24.68	31.98
600	20.66	23.38	25.99	28.61	33.75	43.29
800	25.15	28.52	31.70	34.88	40.77	51.43
1000	28.70	32.44	36.00			
1200	31.04	34.97				

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio					
	1.00 to 1.01	1.05 to 1.07	1.11 to 1.14	1.21 to 1.27	1.40 to 1.64	1.65 and higher
575	0.00	0.02	0.04	0.06	0.08	0.09
870	0.00	0.03	0.06	0.11	0.14	0.15
1160	0.00	0.04	0.06	0.14	0.18	0.20
200	0.00	0.01	0.01	0.02	0.03	0.03
400	0.00	0.01	0.03	0.04	0.06	0.07
600	0.00	0.02	0.04	0.07	0.09	0.11
800	0.00	0.03	0.06	0.09	0.13	0.14
1000	0.00	0.04	0.07	0.12	0.16	0.17
1200	0.00	0.04	0.09	0.14	0.19	0.21

- For when your drive needs more “muscle.”
- Ideal for heavier shock loaded applications and reciprocated engine powered drives.
- Exclusive T-stud for easy assembly.
- Highly resistant to oil, water, chemicals and extreme temperatures.
- Easy to fit — no need to dismantle drives.
- Reduces transmitted vibration.



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SuperTLink Power Ratings for SPZ Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Outside Diameter								
	71mm	80mm	90mm	100mm	112mm	125mm	140mm	150mm	160mm
1160	1.31	1.72	2.18	2.62	3.16	3.72	4.38	4.81	5.26
1750	1.81	2.40	3.07	3.71	4.42	5.29	6.20	6.80	7.39
3450	2.93	3.99	5.13	6.23	7.51	8.78	10.19		
200	0.30	0.38	0.48	0.56	0.72	0.78	0.90	1.00	1.08
400	0.52	0.70	0.86	1.04	1.24	1.45	1.71	1.87	2.02
600	0.64	1.00	1.24	1.48	2.02	2.09	2.44	2.69	2.92
800	0.97	1.26	1.58	1.91	2.28	2.70	3.16	3.47	3.77
1000	1.16	1.52	1.92	2.31	2.77	3.28	3.54	3.85	4.60
1200	1.35	1.77	2.24	2.70	3.25	3.84	4.51	4.94	5.38
1400	1.52	2.01	2.55	3.09	3.71	4.38	5.15	5.64	6.14
1600	1.68	2.24	2.84	3.44	4.15	4.90	5.76	6.31	6.87
1800	1.84	2.46	3.14	3.80	4.57	5.41	6.62	6.95	7.55
2000	2.00	2.68	3.41	4.12	4.98	5.89	6.91	7.57	8.22
2200	2.16	2.88	3.69	4.46	5.38	6.36	7.44	8.15	8.84
2400	2.29	3.09	3.93	4.78	5.76	6.80	7.96	8.33	9.44
2600	2.42	3.28	4.18	4.97	6.13	7.22	8.45	9.23	9.98
2800	2.57	3.45	4.42	5.38	6.47	7.63	8.90	9.72	10.51
3000	2.68	3.63	4.65	5.64	6.80	8.01	9.34	10.18	10.98
3200	2.79	3.80	4.86	5.91	7.13	8.37	9.74	10.60	
3400	2.87	3.95	5.08	6.17	7.43	8.71	10.10		
3600	3.00	4.10	5.27	6.41	7.70	9.02			
3800	3.11	4.25	5.46	6.74	7.96	9.31			
4000	3.20	4.38	5.64	6.84	8.21				
4200	3.29	4.51	5.80	7.03	8.42				
4400	3.36	4.63	5.95	7.21					
4600	3.44	4.73	6.09	7.38					
4800	3.51	4.83	6.21	7.52					
5000	3.56	4.92	6.33						
5200	3.62	5.01	6.45						
5400	3.66	5.07	6.52						
5600	3.69	5.13							
5800	3.73	5.18							
6000	3.74	5.22							
6200	3.77								
6400	3.77								

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio				
	1.00 to 1.01	1.01 to 1.05	1.08 to 1.26	1.27 to 1.57	1.58 and higher
1160	0.00	0.03	0.12	0.19	0.23
1750	0.00	0.04	0.20	0.29	0.36
3450	0.00	0.07	0.40	0.57	0.70
200	0.00	0.00	0.03	0.04	0.04
400	0.00	0.01	0.04	0.07	0.08
600	0.00	0.01	0.08	0.10	0.12
800	0.00	0.01	0.10	0.15	0.16
1000	0.00	0.01	0.11	0.16	0.20
1200	0.00	0.03	0.14	0.20	0.24
1400	0.00	0.03	0.16	0.23	0.29
1600	0.00	0.03	0.19	0.27	0.33
1800	0.00	0.04	0.22	0.30	0.37
2000	0.00	0.04	0.24	0.33	0.41
2200	0.00	0.04	0.26	0.37	0.45
2400	0.00	0.04	0.29	0.41	0.49
2600	0.00	0.05	0.30	0.44	0.53
2800	0.00	0.05	0.33	0.48	0.57
3000	0.00	0.05	0.36	0.49	0.61
3200	0.00	0.07	0.38	0.53	0.67
3400	0.00	0.07	0.40	0.57	0.70
3600	0.00	0.07	0.42	0.60	0.74
3800	0.00	0.07	0.45	0.64	0.78
4000	0.00	0.07	0.48	0.67	0.82
4200	0.00	0.08	0.49	0.70	0.86
4400	0.00	0.08	0.52	0.74	0.90
4600	0.00	0.09	0.55	0.76	0.94
4800	0.00	0.09	0.56	0.80	0.98
5000	0.00	0.09	0.59	0.85	1.04
5200	0.00	0.09	0.61	0.86	1.07
5400	0.00	0.10	0.64	0.90	1.11
5600	0.00	0.11	0.68	0.99	1.21
5800	0.00	0.11	0.78	1.02	1.25
6000	0.00	0.12	0.75	1.06	1.30
6200	0.00	0.12	0.76	1.09	1.34
6400	0.00	0.12	0.79	1.13	1.34

SuperTLink Power Ratings for SPA Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Outside Diameter								
	90mm	100mm	112mm	125mm	140mm	150mm	160mm	200mm	250mm
1160	2.19	2.95	3.86	4.81	5.90	6.61	7.28	10.04	13.34
1750	2.95	4.08	5.33	6.70	8.28	9.25	10.24	14.04	
3450	4.34	6.19	8.33	10.51					
200	0.53	0.68	0.86	1.05	1.27	1.42	1.56	3.07	2.83
400	0.96	1.24	1.58	1.94	2.36	2.62	2.91	3.97	5.30
600	1.32	1.73	2.23	2.76	3.35	3.76	4.15	5.71	7.62
800	1.65	2.19	2.84	3.52	4.05	4.82	5.34	7.35	9.81
1000	1.98	2.62	3.41	4.26	5.21	5.83	6.46	8.92	11.88
1200	2.25	3.03	3.96	4.94	6.06	6.80	7.54	10.39	13.81
1400	2.54	3.43	4.48	5.61	6.89	7.67	8.56	11.80	15.61
1600	2.79	3.78	4.98	6.24	7.67	8.62	9.54	13.11	17.25
1800	3.02	4.12	5.44	6.84	8.42	9.45	10.46	14.34	19.43
2000	3.24	4.46	5.89	7.41	9.12	10.23	11.32	15.47	
2200	3.44	4.77	6.31	7.95	9.79	10.99	12.14	16.50	
2400	3.63	5.04	6.70	8.45	10.41	11.66	12.89	17.41	
2600	3.81	5.31	7.07	8.92	9.89	12.29	13.57		
2800	3.96	5.56	7.41	9.35	11.50	12.88	14.19		
3000	4.10	5.77	7.72	9.76	11.99	13.39	14.74		
3200	4.22	5.98	8.01	10.12	12.41	13.85			
3400	4.32	6.16	8.27	10.43	12.77				
3600	4.40	6.31	8.48	10.72					
3800	4.47	6.45	8.67	10.95					
4000	4.52	6.55	8.84	11.14					
4200	4.56	6.62	8.97						
4400	4.56	6.69	9.05						
4600	4.55	6.71							
4800	4.52	6.71							
5000	4.47								
5200	4.40								

RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio				
	1.00 to 1.01	1.01 to 1.05	1.08 to 1.26	1.27 to 1.57	1.58 and higher
1160	0.00	0.05	0.32	0.46	0.55
1750	0.00	0.08	0.48	0.71	0.88
3450	0.00	0.14	0.94	1.34	1.64
200	0.00	0.01	0.05	0.08	0.09
400	0.00	0.01	0.11	0.11	0.19
600	0.00	0.03	0.16	0.23	0.29
800	0.00	0.04	0.22	0.30	0.38
1000	0.00	0.04	0.29	0.40	0.48
1200	0.00	0.05	0.33	0.48	0.57
1400	0.00	0.07	0.38	0.55	0.67
1600	0.00	0.07	0.44	0.63	0.76
1800	0.00	0.08	0.49	0.70	0.90
2000	0.00	0.09	0.55	0.78	0.96
2200	0.00	0.09	0.60	0.86	1.05
2400	0.00	0.10	0.67	0.93	1.15
2600	0.00	0.11	0.71	1.01	1.24
2800	0.00	0.11	0.76	1.09	1.34
3000	0.00	0.12	0.83	1.17	1.43
3200	0.00	0.14	87.90	1.24	1.53
3400	0.00	0.14	0.93	1.32	1.62
3600	0.00	0.15	0.98	1.41	1.72
3800	0.00	0.16	1.05	1.48	1.81
4000	0.00	0.16	1.09	1.68	1.91
4200	0.00	0.18	1.15	1.63	2.00
4400	0.00	0.19	1.19	1.71	2.10
4600	0.00	0.19	1.26	1.80	2.19
4800	0.00	0.20	1.31	1.87	2.29
5000	0.00	0.22	1.38	1.95	2.38
5200	0.00	0.22	1.43	2.06	2.48

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SuperTLink Power Ratings for SPB Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Outside Diameter									RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio				
	140mm	150mm	160mm	180mm	200mm	224mm	250mm	315mm	355mm		1.00 to 1.01	1.01 to 1.05	1.08 to 1.26	1.27 to 1.57	1.58 and higher
1160	6.56	7.63	8.89	11.17	13.40	16.03	18.80	25.37	29.14	1160	0.00	0.10	0.68	1.00	1.21
1750	8.85	10.49	12.10	15.25	18.30	21.78	25.36			1750	0.00	0.15	1.05	1.49	1.73
200	1.53	1.76	2.00	2.46	2.92	3.47	4.05	5.50	6.38	200	0.00	0.01	0.11	0.09	0.20
400	2.76	3.21	3.66	4.53	5.41	4.98	7.55	7.95	11.95	400	0.00	0.04	0.24	0.34	0.42
600	3.88	4.52	5.17	6.45	6.57	9.20	9.22	14.73	17.07	600	0.00	0.05	0.36	0.51	0.63
800	4.65	5.75	6.57	8.23	9.86	11.78	12.34	18.83	21.79	800	0.00	0.08	0.48	0.68	0.85
1000	5.98	6.88	7.89	9.90	11.88	14.20	16.69	22.61	26.08	1000	0.00	0.09	0.60	0.86	1.05
1200	6.74	7.93	9.13	11.48	13.78	16.47	19.31	26.04	29.87	200	0.00	0.11	0.72	1.04	1.26
1400	7.57	8.93	10.28	12.94	15.54	18.56	21.72	29.07		1400	0.00	0.12	0.85	1.20	1.46
1600	8.32	9.85	11.35	14.31	17.16	23.02	23.90			1600	0.00	0.15	0.97	1.38	1.68
1800	9.02	10.69	12.34	15.55	18.65	22.19	25.82			1800	0.00	0.16	1.08	1.54	1.88
2000	9.64	11.47	13.23	16.69	19.98	23.71				2000	0.00	0.19	1.21	1.71	2.10
2200	10.21	12.15	14.04	17.68	21.13					2200	0.00	0.20	1.32	1.88	2.31
2400	10.72	12.75	14.75	18.56	22.13					2400	0.00	0.23	1.45	2.05	2.53
2600	11.13	13.27	15.35	19.30						2600	0.00	0.24	1.57	2.23	2.73
2800	11.48	13.71	15.85							2800	0.00	0.27	1.69	2.39	2.95
3000	11.74	14.04	16.24							3000	0.00	0.29	1.81	2.57	3.14
3200	11.92									3200	0.00	0.29	1.94	2.74	3.36
3400	12.03									3400	0.00	0.32	2.05	2.92	3.57

SuperTLink Power Ratings for SPC Section Belt

RPM of Faster Shaft	Basic Horsepower per Belt for Small Sheave Outside Diameter									RPM of Faster Shaft	Add-on Horsepower per belt for Speed Ratio				
	224mm	250mm	280mm	300mm	315mm	335mm	355mm	400mm	500mm		1.00 to 1.01	1.01 to 1.05	1.08 to 1.26	1.27 to 1.57	1.58 and higher
870	15.81	19.87	24.48	27.49	29.73	32.65	35.53	41.83		870	0.00	0.22	2.04	2.02	2.47
1160	19.69	24.68	30.40	34.11	36.81	40.35	43.79			1160	0.00	0.29	1.90	2.70	3.30
1750	25.14	31.71								1750	0.00	0.45	2.87	4.07	5.00
200	4.64	5.72	6.95	7.78	8.40	9.20	10.01	11.82	15.77	200	0.00	0.05	0.33	0.48	0.29
400	8.40	10.45	12.79	14.34	15.49	17.02	18.53	21.93	29.26	400	0.00	0.10	0.65	0.93	1.15
600	11.76	14.72	18.08	20.29	21.94	24.12	26.27	31.05	41.26	600	0.00	0.15	0.98	1.41	1.71
800	14.82	18.60	22.90	25.72	27.81	30.56	33.26	39.22	51.64	800	0.00	0.20	1.31	1.86	2.28
1000	17.57	22.13	27.27	30.61	33.07	36.31	39.46	46.32		1000	0.00	0.26	1.64	2.33	2.85
1200	20.03	25.28	31.13	34.92	37.69	41.29	44.82	52.22		1200	0.00	0.30	1.97	2.79	3.43
1400	22.18	28.02	34.48	38.59	41.57	45.42				1400	0.00	0.36	2.29	3.26	3.99
1600	24.00	30.33	37.22							1600	0.00	0.41	2.62	3.72	4.56
1800	25.47	32.17								1800	0.00	0.46	2.95	4.19	5.13
2000	26.56									2000	0.00	0.54	3.45	4.89	6.01

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FAX: 717-665-2649
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