



# **BESTORQ®**

**Power Transmission Products**

***BESTORQ***

**Corporate USA Office, R&D, Manufacturing and Main Warehouse**



- BESTORQ®** Factories Produce over 1,200,000 Power Transmission Belts per day
- Bestorq is a World Leader in Innovation, Research & Testing
- 81 years of Engineering Experience
- Bestorq V-Belts Outpace Competitors in Horsepower Capacity, Life & Energy Savings
- Unequaled Customer Service
- Industry Leader in On Time Deliveries



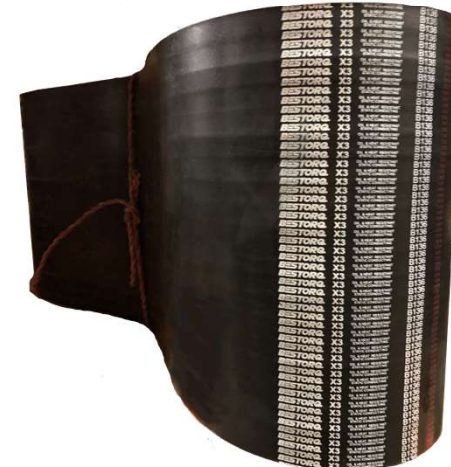
## Power Transmission Products

### Why Buy BESTORQ V-Belts ?

The entire line of Bestorq V-Belts is now upgraded to “Best in Class”  
“X5” Cogged and “X3” Wrapped

#### 1. BESTORQ X5 Cogged V-Belts

#### 2. BESTORQ X3 Wrapped V-Belts



# BESTORQ®

## Power Transmission Products

### BESTORQ X5

Bestorq new “X5” cogged V-Belts and Banded Cogged V-Belts introduce a new class of V-Belt performance

- ❑ Extensive durability testing has proven belt life that outperforms competition
- ❑ They are made of an Best in Class EPDM rubber polymer recipe, proven to be the best for belt life by durability testing
- ❑ They have a wide temperature range of -60F to +260F
- ❑ They are matched to exceed ARPM Standards
- ❑ They meet all ARPM (Association for Rubber Products Manufacturers) standards for heat and oil resistance
- ❑ They are Static Conducting to ARPM & Mine Safety Standards & ISO 1813
- ❑ They use less energy than competitor’s EPDM cogged belts due to superior chemistry and optimized belt design
- ❑ The “X5” works with backside idlers at essentially no loss in belt life
- ❑ A flyer is available covering the advantages of “X5” V-Belts

**NEW GENERATION X5 V-BELTS**  
energy efficient belts to save your money

Our X5 belts bring in a new generation of V-Belt performance. They are specially designed to use only 40% as much energy to bend around your machine's pulleys, and are proven to outlast the competition. Saving energy and keeping your machines running at full capacity means you save time and money.

- X5 belts are made with EPDM compound for improved belt life
- Temperature rating of -20°F to 260°F
- Product is all "one code" matching so there are never any matching issues
- Tested proof of horsepower ratings equal to or better than any competitor
- Meet all ARPM Belt Standards, are heat & oil resistant, and are Static Conducting to ARPM & Mine Safety Standards
- Works great with backside idlers at essentially no loss in belt life

**ENERGY LOSS OF V-BELTS RUNNING AROUND PULLEYS**

Results based on 3/2" Groove Diameter, 8R or 8 belts

Savings example below is based on a 2000 3 phase, electric motor, using national average rate of \$0.12/kWh, 5.5" driver diameter, and 48R or 8 belts at cost of \$48/roll.

8760 hr x 1.8kw/hr x \$0.121 /kw hr = \$16,000/yr

- X5 vs. Major Brand cogged EPDM belts: \$16,000/yr x 3% saved/yr = \$480/yr (37 days 15400/yr)
- X5 vs. Major Brand banded, non-cogged: \$16,000/yr x 6% saved/yr = \$960/yr (8 days 1560/yr)

**BELT LIFE OF ALL BRANDS**

Results based on 3/2" Groove Diameter, 8R or 8 belts

**TO ORDER - call, fax or email**  
phone: 877.772.9966  
fax: 877.729.8416  
orders@bestorq.com

**BESTORQ**  
Power transmission products

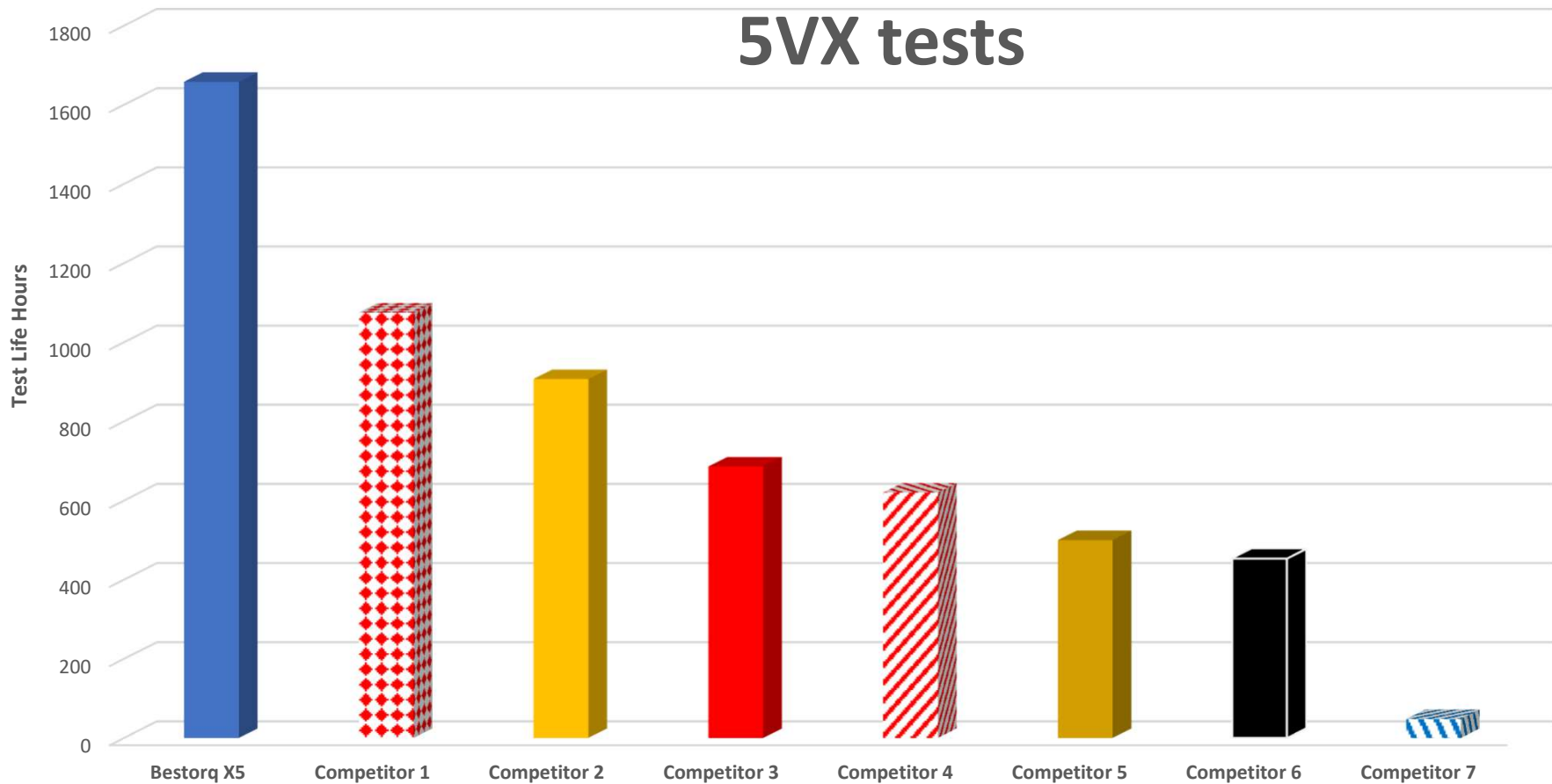






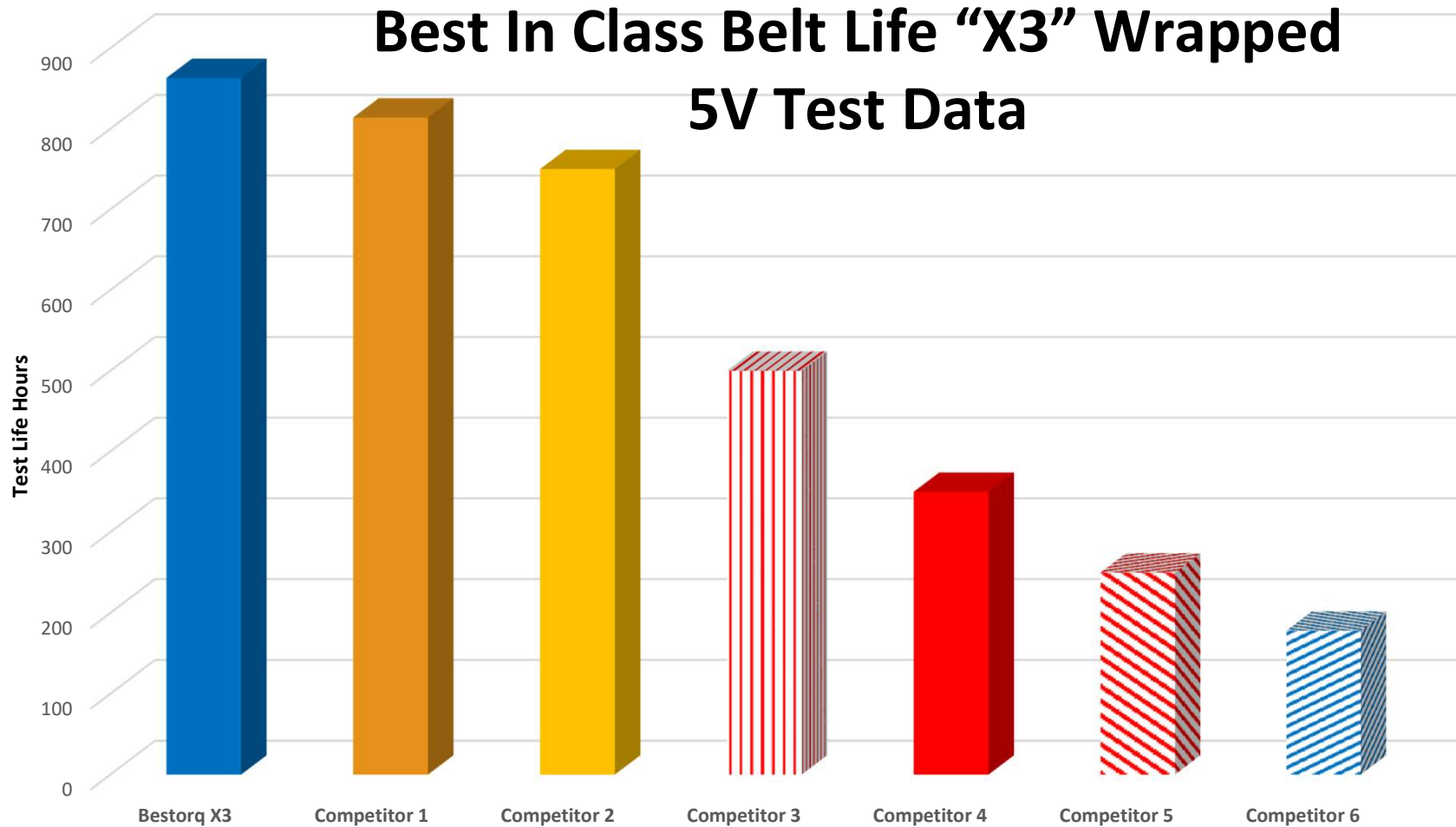
## Power Transmission Products Best in Class Belt Life “X5” Cogged

### 5VX tests





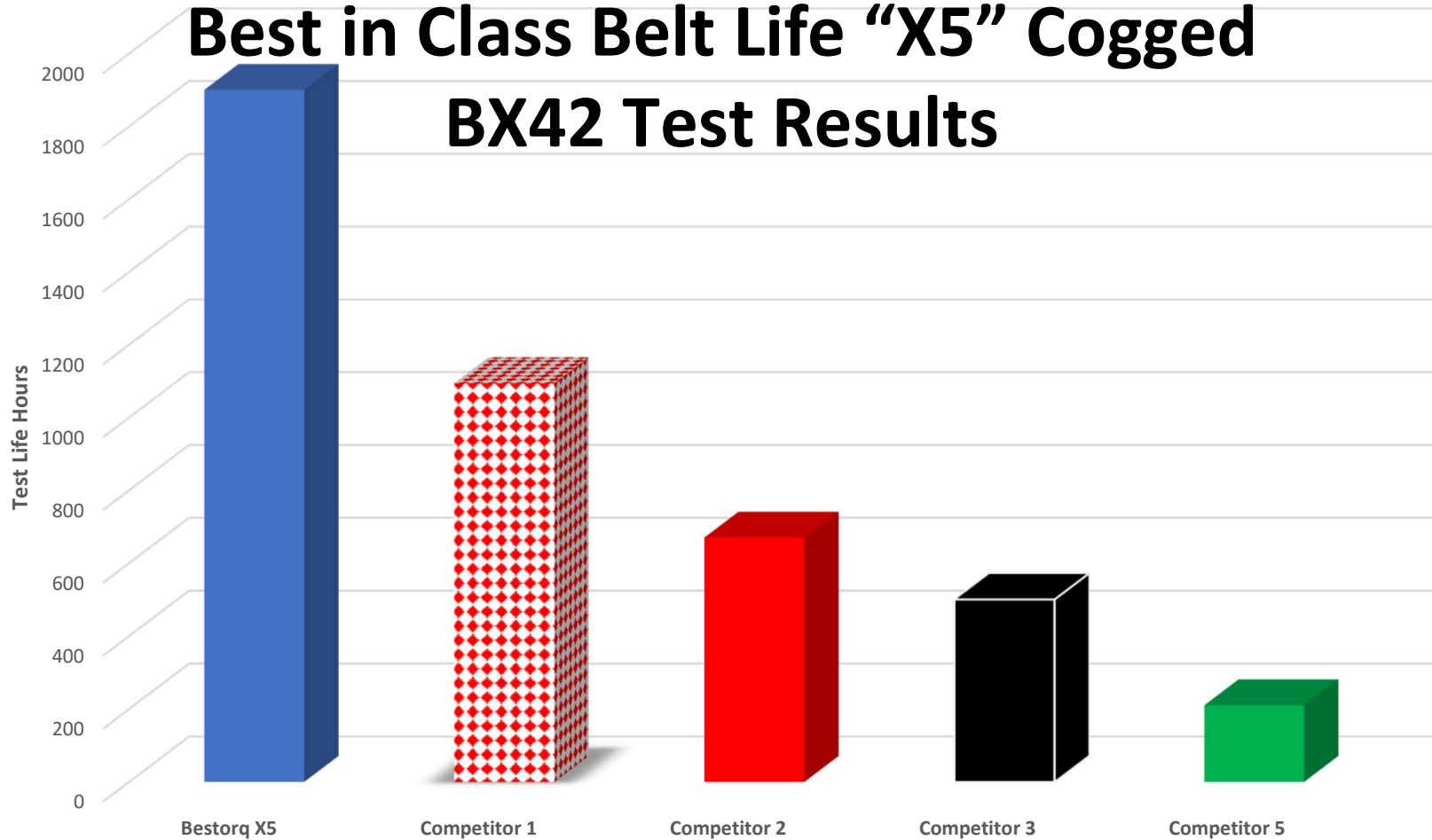
## Power Transmission Products





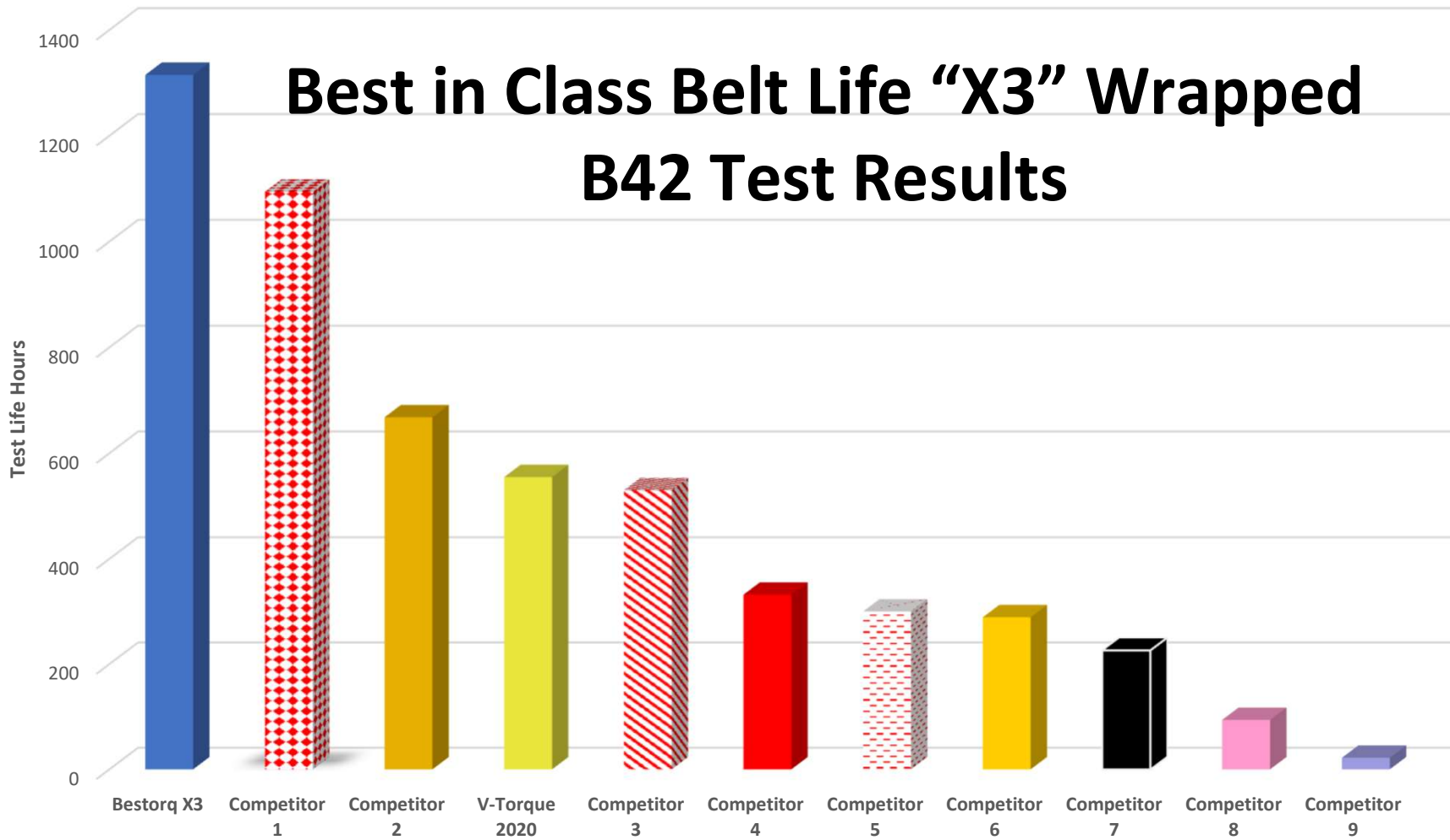
## Power Transmission Products

# Best in Class Belt Life "X5" Cogged BX42 Test Results





## Power Transmission Products







## Power Transmission Products

**Bestorq “X3” and “X5” have horsepower ratings up to 50% higher than other competitors in the USA market**

- This “Best in class” Higher Power Capacity allows space-savings, often with fewer belts and reduction in axial and bearing loads
- Horsepower ratings that Bestorq offers over nearest competitor, *depending on RPM / Sheave Diameter*

Orange-red colors, Bestorq is 5-11% greater than the nearest competitor  
 Yellowish colors, Bestorq is 7-12% greater than the nearest competitor  
 Greenish colors, Bestorq is 12-50% greater than the nearest competitor

### Bestorq “A” X3 Higher than Nearest Competitor

		SHEAVE DIAMETER				
		3	4	5	6	7
RPM	400	5.4%	5.1%	4.1%	3.2%	8.6%
	800	7.8%	5.9%	5.0%	3.7%	9.3%
	1200	8.5%	6.0%	5.3%	3.9%	9.5%
	1600	9.5%	6.7%	5.7%	4.1%	9.5%
	2000	10.7%	6.8%	6.2%	4.3%	9.1%
	2400	11.6%	7.4%	6.2%	4.7%	8.7%
	2800	12.0%	7.7%	6.5%	4.9%	7.8%
	3200	13.0%	8.0%	6.8%	5.4%	6.6%

### Bestorq “B” X3 Higher than Nearest Competitor

		SHEAVE DIAMETER							
		5.4	6	7	7.5	8	8.5	9	10
RPM	100	4.9%	5.3%	5.7%	5.8%	5.9%	6.0%	6.1%	6.3%
	200	5.5%	5.9%	6.2%	6.4%	6.5%	6.6%	6.7%	6.8%
	300	6.0%	6.3%	6.6%	6.8%	6.9%	6.9%	7.0%	7.2%
	400	6.3%	6.6%	6.9%	7.1%	7.2%	7.2%	7.3%	7.4%
	500	6.6%	6.9%	7.2%	7.3%	7.4%	7.5%	7.6%	7.7%
	750	7.3%	7.5%	7.8%	7.9%	7.9%	8.0%	8.1%	8.2%
	1000	7.9%	8.1%	8.3%	8.3%	8.4%	8.5%	8.6%	8.7%
	1250	8.5%	8.6%	8.7%	8.8%	8.9%	9.0%	9.0%	9.2%
	1500	9.1%	9.1%	9.2%	9.3%	9.4%	9.4%	9.5%	9.7%
	1750	9.7%	9.6%	9.7%	9.8%	9.9%	10.0%	10.1%	10.3%
	2000	10.3%	10.2%	10.3%	10.4%	10.5%	10.6%	10.7%	11.0%
	2250	11.0%	10.9%	10.9%	11.0%	11.1%	11.3%	11.5%	11.9%

### Bestorq “C” X3 Higher than Nearest Competitor

		SHEAVE DIAMETER					
		4.6	5.4	6	6.8	8	9.4
RPM	400	10.4%	9.5%	10.2%	12.5%	12.1%	11.9%
	800	11.6%	10.2%	10.8%	13.2%	12.8%	12.2%
	1200	12.3%	10.6%	11.2%	13.6%	13.0%	12.2%
	1600	12.6%	10.8%	11.3%	13.7%	12.8%	11.9%
	2000	12.6%	10.7%	11.4%	13.5%	12.4%	11.1%
	2400	13.2%	10.8%	11.1%	13.1%	11.5%	9.8%
	2800	12.8%	10.7%	10.8%	12.4%	10.2%	
	3200	12.9%	10.2%	10.3%	11.1%		
	3600	12.5%	9.6%	9.5%			

### Bestorq “AX” X5 Higher than Nearest Competitor

		SHEAVE DIAMETER					
		2.3	2.45	2.7	3	3.5	4
RPM	100	19.0%	17.3%	15.4%	13.8%	12.3%	11.4%
	200	20.5%	18.3%	16.0%	14.2%	12.5%	11.4%
	300	21.6%	19.1%	16.4%	14.5%	12.6%	11.5%
	400	22.6%	19.7%	16.8%	14.7%	12.6%	11.5%
	500	23.5%	20.3%	17.1%	14.8%	12.7%	11.5%
	750	25.5%	21.6%	17.7%	15.2%	12.8%	11.5%
	1000	27.3%	22.7%	18.3%	15.4%	12.9%	11.4%
	1250	29.1%	23.7%	18.8%	15.6%	12.9%	11.4%
	1500	30.9%	24.6%	19.2%	15.8%	12.9%	11.3%
	1750	32.7%	25.5%	19.5%	15.9%	12.8%	11.1%
	2000	34.6%	26.4%	19.9%	16.0%	12.7%	11.0%
	2250	36.5%	27.3%	20.2%	16.0%	12.6%	10.7%
2500	38.6%	28.2%	20.4%	16.0%	12.5%	10.5%	
2750	40.9%	29.1%	20.7%	16.0%	12.3%	10.2%	
3000	43.3%	30.0%	20.9%	16.0%	12.0%	9.9%	
3250	46.1%	30.9%	21.0%	15.9%	11.8%	9.5%	
3600	50.5%	32.3%	21.2%	15.7%	11.3%	8.8%	

### Bestorq “BX” X5 Higher than Nearest Competitor

		SHEAVE DIAMETER							
		inch 3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
RPM	100	16.6%	14.8%	13.7%	13.0%	12.4%	12.0%	11.7%	11.5%
	200	17.1%	15.0%	13.7%	12.9%	12.4%	11.9%	11.6%	11.3%
	300	17.4%	15.1%	13.8%	12.9%	12.3%	11.9%	11.5%	11.2%
	400	17.6%	15.2%	13.8%	12.9%	12.3%	11.8%	11.5%	11.2%
	500	17.9%	15.2%	13.8%	12.9%	12.2%	11.8%	11.4%	11.1%
	750	18.4%	15.4%	13.9%	12.9%	12.2%	11.7%	11.3%	11.0%
	1000	18.8%	15.6%	13.9%	12.9%	12.2%	11.7%	11.3%	11.0%
	1250	19.3%	15.8%	14.0%	13.0%	12.2%	11.7%	11.4%	11.1%
	1500	19.7%	16.0%	14.1%	13.0%	12.3%	11.8%	11.4%	11.1%
	1750	20.2%	16.2%	14.3%	13.2%	12.4%	11.9%	11.5%	11.2%
	2000	20.8%	16.5%	14.5%	13.3%	12.5%	12.0%	11.6%	11.4%
	2250	21.3%	16.8%	14.7%	13.5%	12.7%	12.2%	11.8%	11.6%
2500	22.0%	17.1%	14.9%	13.7%	12.9%	12.4%	12.0%	11.8%	
2750	22.7%	17.5%	15.2%	13.9%	13.1%	12.6%	12.3%	12.1%	
3000	23.5%	17.9%	15.5%	14.2%	13.4%	12.9%	12.7%	12.5%	

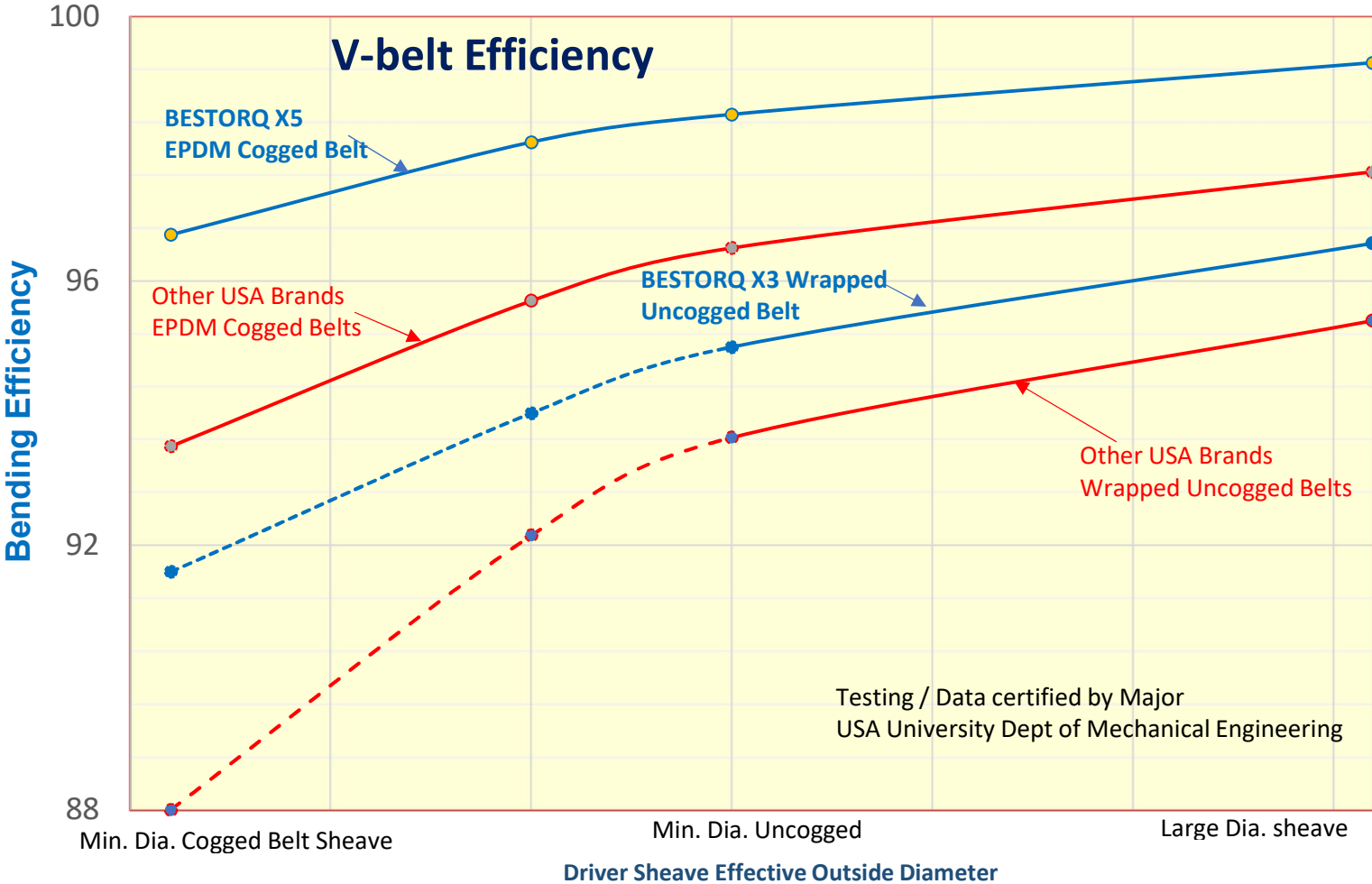
### Bestorq “CX” X5 Higher than Nearest Competitor

		SHEAVE DIAMETER					
		8.5	9.5	10.5	12	14	16
RPM	250	9.8%	10.5%	9.6%	10.1%	8.1%	10.3%
	450	10.0%	10.5%	9.6%	10.1%	8.2%	10.4%
	650	10.1%	10.6%	9.5%	10.4%	8.5%	10.7%
	850	10.2%	10.7%	9.8%	10.6%	9.0%	11.0%
	1100	10.4%	10.9%	10.1%	11.0%	10.1%	11.7%
	1500	11.0%	11.5%	10.9%	11.8%	12.9%	
	1900	11.7%	12.5%	12.2%	13.3%		
	2300	13.0%	13.8%				



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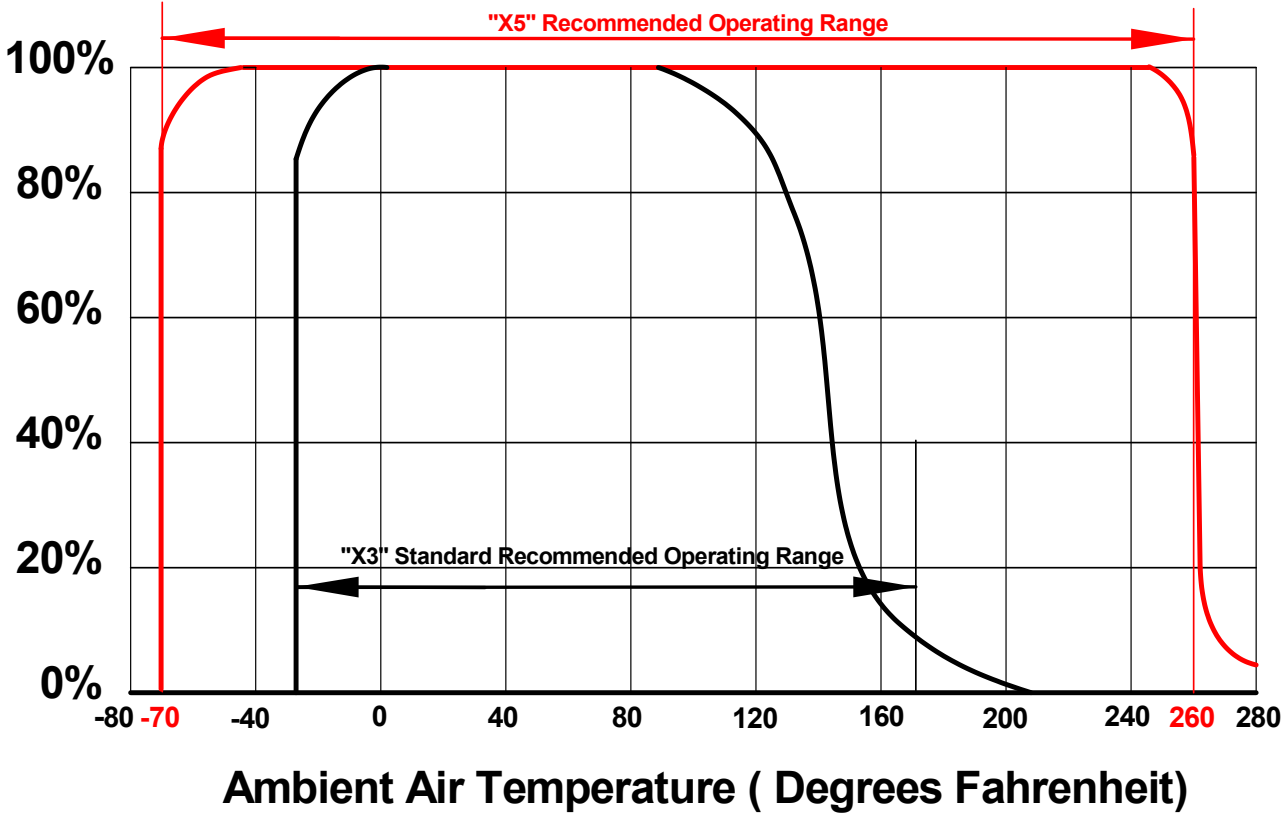
Bestorq Greatly Increases Belt Drive Efficiency by not wasting energy bending belts





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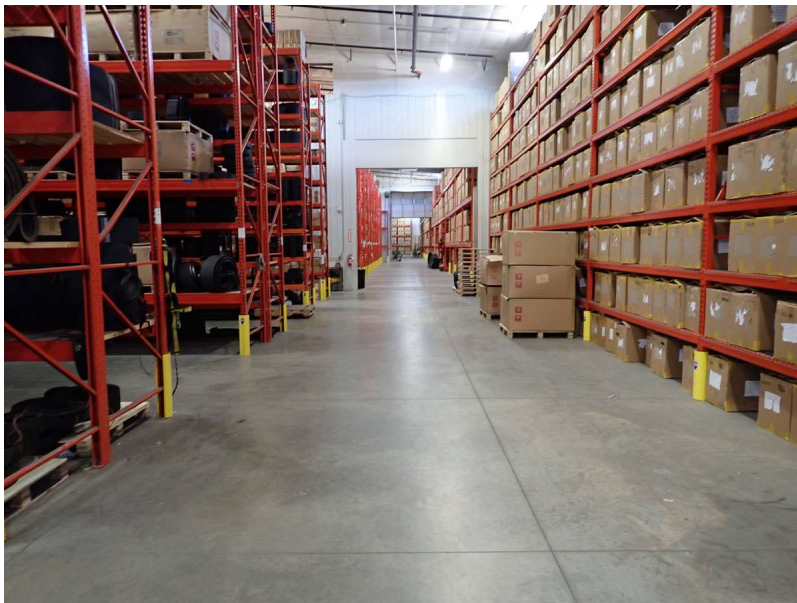
### Belt Life in Percent vs. Ambient Air Temperature BESTORQ "X5" and Bestorq "X3"





## Power Transmission Products

**Bestorq currently has millions of dollars of USA belt inventory.  
Main Warehouse-Lincoln, NE and 6 other Warehouses in USA**







## Power Transmission Products

### *Why Buy Bestorq?*

1. Bestorq V-Belts outpace competitors in energy savings
2. Best in Class High Temperature ability and Low Temperature ability
3. Best in Class Belt Life
4. All Sizes and profiles of EPDM cogged belt availability. AX, BX, CX, 3VX & 5VX : 15" to 200"
5. Static Conducting to ARPM and ISO standards
6. Competitive Price
7. Highest Horsepower Ratings
8. One Matching Code per size
9. Install per instructions and no checks or resets needed
10. Inventory Reduction by Dual Branding & Tri Branding
11. Tech Support, world leader in innovation, research & testing, 81 years of engineering experience
12. Unequaled customer service
13. Industry leader in on time deliveries
14. Free on-site maintenance training
15. Free on-site energy saving training
16. Bestorq makes over 1,200,000 belts / day
17. Bestorq Cogged belts are now Made in USA

***18. Pick your reason or take advantage of them all***