

REFRIGERATION BELTS

Stay miles ahead of your competition with Timken® refrigeration belts



COOLER RUNS AND LONGER SERVICE LIFE ON TRANSPORT REFRIGERATION MACHINERY

Timken Belts offers a vast portfolio of belts meeting **OE-exact** dimensions and material constructions to cover **1,000+ applications**.

Proven Performance on
1000+
Transport Refrigeration
Applications

- Fans
- Alternators
- Compressors
- Water Pumps
- Clutch Drives
- Motors/Jackshafts
- Idlers/Fanshafts
- Evaporators



TIMKEN® BELTS FOR REFRIGERATION APPLICATIONS

100+ years of belt manufacturing matters in demanding, difficult-to-maintain transport refrigeration applications. Rigorous testing shows Timken® belts outlast the competition in both deadweight and powered tests.

Performance. By Design.

When hauling cargo that relies on a temperature-controlled environment, belt failure is not an option. Timken designs performance into every belt through special engineering, material compounds, processes and rigorous testing.

Understanding the harsh demands of refrigeration applications – from

extreme temperatures to frequent misalignment and over/under-tensioning – the Timken Belts team designs wrapped, raw edge cogged and vee-rib belts that overcome these adversities to provide long belt life.

Extended belt life translates to less downtime, reduced maintenance costs and a successfully delivered shipment.

Below is a sampling of the most popular OE interchanges - Many More Available Online

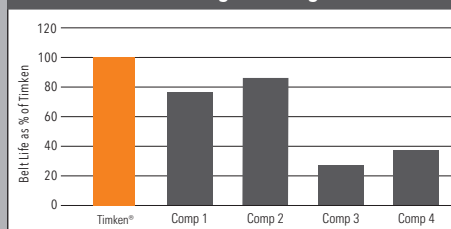
	OE Part Number / Timken Belts Part Number				
Thermo King® SB Series	78-629	78-1341	78-603	78-1360	78-1340
	BX84	XPA1150	BX59	AX46	AX28
Thermo King® Precedent®	78-1968	78-1876	78-1859	78-1858	78-1857
	AX28	588K6	583K6	448K6	565K6
Thermo King® T Series Spectrum	78-1669	78-1946	78-1736	78-1689	78-1067
	R3VX835-3	670K6TEM	AX28.5	595K6TEM	689K8
Thermo King® TriPac® APU	78-1918	78-1634	78-1484	78-1543	78-1655
	465K6	470K6	485K6	459K6	490K6
Thermo King® SBII, SBIII Spectrum	78-844	78-604	78-471	78-339	
	BX87	BX83	AX45	A38	
Carrier® Vector® X4 7300/7500	50-01180-02	50-00178-16	50-00178-27		
	AX36.6	BX65	BX86		
Carrier® X2 2100 2500	50-00162-25	50-00178-19	50-00178-24	50-00178-26	
	AX36	BX63	BX85	BX83	
Carrier® Supra®	50-00162-22	50-01180-02	50-01170-51	25-33023-00	50-01180-52
	AX37	AX36.6	BX55	XPZ875	AX48-2

Timken AX/BX Cogged Belts Outperform the Competition

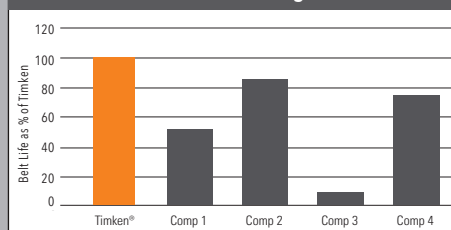
In both accelerated flex fatigue and application tests targeting belt break, fabric wear, cracking and slippage, Timken raw edge cogged belts performed far above the competition even when subjected to various types of severe misalignment, excessive tension, torque load and backside idlers – all commonly found in refrigerated transport applications.

- Raw edge construction featuring EPDM resists higher temperatures found in single stage refrigeration units
- Precision-molded cogs for optimum performance at maximum pulley speed
- Designed to carry high shock loads
- Raw edge provides more grip and less slip
- High-modulus cord maintains tension, improves belt life and reduces stress

Deadweight Testing*



Powered Testing*



* Accelerated life tests were performed on Timken BX75 (75 is a standard test size, materials are the same across all AX/ BX sizes) cogged belts under adverse conditions. Belt life will vary depending on operating conditions. Follow all tensioning, alignment and installation guidelines to get maximum life out of your belt.

TIMKEN BELTS

Timken® belts are part of The Timken Company's growing portfolio of engineered bearings and power transmission products. Timken Belts manufactures premium-performance power transmission belts that help keep industry in motion and the world more productive.

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