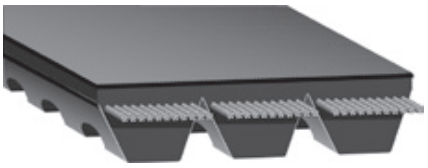
HY-T® Torque Team® Classical Belts

Designed and built to deliver superior performance

HY-T® Torque Team® Classical belts are built with strong Vytacord® tension members. This provides the high-strength, high-horsepower rating capacity needed to effectively transmit drive power.



Part Number: 3/BX112

3/	3 rib joined construction
B	0.66 in. top width - Classical profile rib
X	Premium cogged construction
112	Approximate 112 in. inside length
	Cut-edge, molded cog construction shown

Vytacord® tension members are tough enough to tolerate the misalignment that quickly destroys belts. The Vytacord® material has a very good dimensional stability. Drive performance is consistent, reliable and predictable over the life of the belt.

We then add a tough oil- and abrasion-resistant fabric backing to provide maximum longitudinal flexibility and lateral strength to withstand the dynamic forces acting within a joined belt. The backing also has special adhesion characteristics that enable it to bond inseparably to the V-sections to maintain the unitary integrity of the belt.

The cushion in both envelope and cut-edge construction is fiber-loaded. Cut-edge constructions have a fiber-loaded, latest-technology compound that contributes heat and oil resistance and strength.

Cut-edge or envelope construction provide optimum performance

HY-T® Torque Team® Classical belts are available in a cut-edge construction with cogs for increased flexibility and heat dissipation or envelope construction for drives where pulsation, shock loads, high tension and long centers are involved.

HY-T® Torque Team® cogged belts are high horsepower belt constructions identified with a BX or CX prefix and are available in lengths up to 136 inches. The cogged construction provides the high flexibility required for short center distances. The cogs also provide a larger surface area to dissipate heat and to prolong belt life.

HY-T® Torque Team® envelope belts are identified with a B or C prefix and both cogged and non-cogged are static conductive. They are recommended for drives where pulsation, shock loads, high tension and long centers are involved.

Matchmaker® performance

Our Matchmaker® technology results in belt consistency run to run. That means each HY-T® Torque Team® Classical belt is equal in size and performance to every other HY-T® Torque Team® Classical belt in that size, no matter when or where it was produced.

By eliminating mismatch problems, there is no costly and complicated belt matching to get a drive back on line; no problems with belts that are too tight or too loose.

Applications

For shock load applications. Ideal for pulsating loads, high-capacity drives and short center heavy-duty drives.

Key features & benefits

- Classical profile ribs.
- Joined construction for problem drives.
- High-strength Vytacord® tensile members.
- Available in cut-edge or envelope construction with fiber-loaded cushion.
- Tough fabric backing.
- Heat, ozone and abrasion resistant.
- Matchmaker® to eliminate mismatch.
- Static conductive.*

*Drive conditions and service variables in combination with time in operation can result in a loss of static conductivity. It is recommended that a conductivity check be added to drive preventive maintenance programs where belt static conductivity is a requirement.

HY-T® Wedge Torque Team® Classical Belts

Cross Sections and Lengths Available

Envelope 5V, 8V Cross Section

Cut Edge 3VX, 5VX Cross Section

Cut Edge Side View

Part #	Max. # of Ribs Per Slab	Part #	Max. # of Ribs Per Slab	Part #	Max. # of Ribs Per Slab	Part #	Max. # of Ribs Per Slab
B Profile							
BX35	49	BX65	49	BX90	49	B112	38
BX38	49	BX66	49	BX93	49	B114	38
BX42	49	BX67	49	BX95	49	B115	38
BX43	49	BX68	49	BX96	49	B116	38
BX46	49	BX70	49	BX97	49	B118	38
BX48	49	BX71	49	BX99	49	B140	38
BX50	49	BX72	49	BX100	49	B144	38
BX51	49	BX73	49	BX103	49	B148	38
BX52	49	BX74	49	BX105	49	B150	38
BX53	49	BX75	49	BX108	49	B158	38
BX54	49	BX77	49	BX112	49	B162	38
BX55	49	BX78	49	BX120	49	B173	38
BX56	49	BX79	49	BX124	49	B180	38
BX57	49	BX80	49	BX128	49	B195	38
BX58	49	BX81	49	BX133	49	B210	38
BX59	49	BX82	49	BX136	49	B225	38
BX60	49	BX83	49	*B55	49	B240	38
BX61	49	BX84	49	*B56	49	B255	38
BX62	49	BX85	49	B96	38	B270	38
BX63	49	BX87	49	B103	38	B300	38
BX64	49	BX88	49	B105	38	B315	38
C Profile							
CX60	36	CX109	36	C112	26	C270	26
CX68	36	CX112	36	C144	26	C285	26
CX75	36	CX120	36	C158	26	C300	26
CX81	36	CX124	36	C162	26	C315	26
CX85	36	CX128	36	C173	26	C330	26
CX90	36	CX136	36	C180	26	C345	26
CX96	36	C85	26	C195	26	C360	26
CX99	36	C90	26	C210	26	C390	26
CX100	36	C96	26	C225	26	C420	26
CX105	36	C105	26	C240	26		
CX108	36	C109	26	C255	26		
D Profile							
D120	10	D210	18	D315	18	D480	18
D144	18	D225	18	D330	18	D540	18
D158	18	D240	18	D345	18	D600	18
D162	18	D255	18	D360	18	D660	18
D173	18	D270	18	D390	18		
D180	18	D285	18	D420	18		
D195	18	D300	18	D450	18		

*Cut edge, non-cogged.