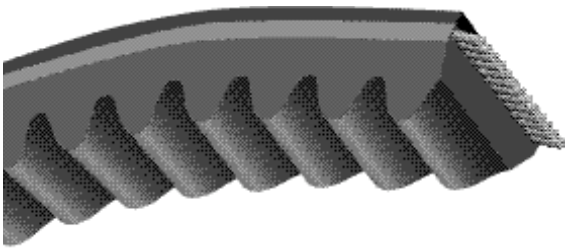
TORQUE-FLEX®



Part No: BX75

B	.66" Top Width – Classical Profile
X	Premium Cogged Construction
75	Approximate 75" Inside Length
	Cut-Edge, Molded Cog Construction Shown

APPLICATIONS

Designed for the tough, small sheave, high-tension drives.

KEY FEATURES & BENEFITS

- Premium classical profile construction.
- 25%–30% higher power ratings than standard V-belts.
- Strong Vytacord (polyester) tensile members.
- Goodyear's engineered cushion compound.
- Cut-edge cogged construction on most sizes.
- Oil, heat, ozone, and abrasion resistant.
- Matchmaker to eliminate mismatch.
- Static conductive.

MORE HORSEPOWER PER DOLLAR

Your drives can deliver the horsepower you want at a lower component cost—and with lower energy costs—when you include Goodyear Torque-Flex V-belts in the design.

They are fully cogged to provide the flexibility needed to keep their high-traction rubber edges in contact with the sheave grooves. This high efficiency allows you to achieve the horsepower you need at a lower total drive cost.

EXACTING PRECISION & UNIFORMITY

Rigid quality assurance programs imposed during Torque-Flex V-belt manufacture result in belt angles and belt lengths which are more exact than standard belts. This results in quiet, smooth-running, and long-lasting belts. Think what that can save in reduced downtime and belt maintenance.

Of course, with such exacting production requirements, Goodyear Torque-Flex V-belts also achieve consistent uniformity from run to run. This outstanding consistency means you can be sure that two belts of the same size designation will match exactly, no matter when they were produced. As a result:

- You eliminate mismatching problems caused by individual belts that may be too loose or too tight.
- You simplify ordering procedures—no lengthy specifications, detailing match-ups, and sizing.
- No complicated time-consuming matching. Your Goodyear belts are automatically matched when you buy them.
- You reduce your in-plant inventory. The Matchmaker system covers your needs with a minimum of belts to save you space and inventory dollars.

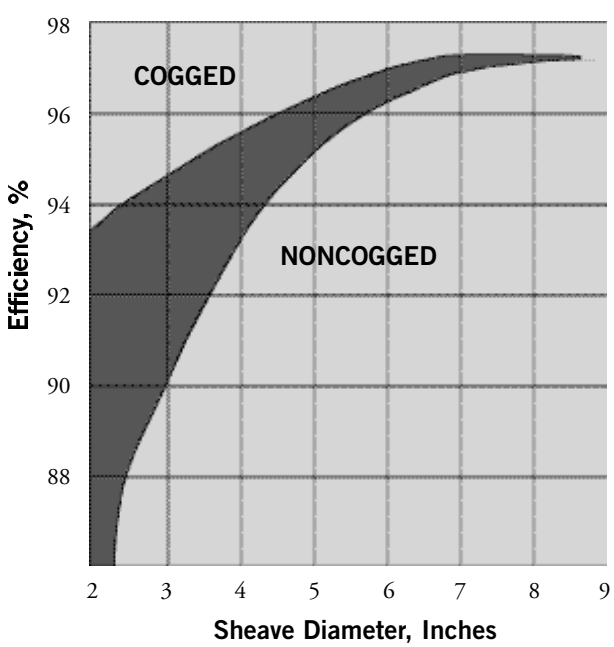
MORE SAVINGS FROM FEWER BELTS

The high-strength and high horsepower capacity of Torque-Flex V-belts means you need fewer belts and fewer sheave grooves to deliver the same amount of horsepower.

ENERGY-SAVING EFFICIENCY

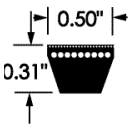
The same design and construction features which lead to high horsepower ratings for Goodyear Torque-Flex V-Belts also lead to improvements in energy efficiency of up to 4%, depending on sheave diameter.

COGGED VS. NONCOGGED BELT EFFICIENCY

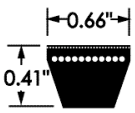


TORQUE-FLEX®

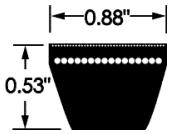
SIDE VIEW



AX



BX



CX

Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)
AX21	23	AX39	41	AX56	58	AX73	75	AX90	92
AX22	24	AX40	42	AX57	59	AX74	76	AX91	93
AX23	25	AX41	43	AX58	60	AX75	77	AX93	95
AX24	26	AX42	44	AX59	61	AX76	78	AX94	96
AX26	28	AX43	45	AX60	62	AX77	79	AX95	97
AX27	29	AX44	46	AX61	63	AX78	80	AX96	98
AX28	30	AX45	47	AX62	64	AX79	81	AX97	99
AX29	31	AX46	48	AX63	65	AX80	82	AX98	100
AX30	32	AX47	49	AX64	66	AX81	83	AX100	102
AX31	33	AX48	50	AX65	67	AX82	84	AX103	105
AX32	34	AX49	51	AX66	68	AX83	85	AX105	107
AX33	35	AX50	52	AX67	69	AX84	86	AX110	112
AX34	36	AX51	53	AX68	70	AX85	87	AX112	114
AX35	37	AX52	54	AX69	71	AX86	88		
AX36	38	AX53	55	AX70	72	AX87	89		
AX37	39	AX54	56	AX71	73	AX88	90		
AX38	40	AX55	57	AX72	74	AX89	91		

Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)
BX28	31	BX53	56	BX73	76	BX93	96	BX128	131
BX31	34	BX54	57	BX74	77	BX94	97	BX133	136
BX32	35	BX55	58	BX75	78	BX95	98	BX136	139
BX34	37	BX56	59	BX76	79	BX96	99	BX140	143
BX35	38	BX57	60	BX77	80	BX97	100	BX144	147
BX36	39	BX58	61	BX78	81	BX98	101	BX148	151
BX38	41	BX59	62	BX79	82	BX99	102	BX150	153
BX40	43	BX60	63	BX80	83	BX100	103	BX154	157
BX41	44	BX61	64	BX81	84	BX103	106	BX158	161
BX42	45	BX62	65	BX82	85	BX105	108	BX162	165
BX43	46	BX63	66	BX83	86	BX106	109	BX173	176
BX44	47	BX64	67	BX84	87	BX108	111	BX180	183
BX45	48	BX65	68	BX85	88	BX112	115	BX191	194
BX46	49	BX66	69	BX86	89	BX113	116	BX195	198
BX47	50	BX67	70	BX87	90	BX115	118	BX210	213
BX48	51	BX68	71	BX88	91	BX116	119	BX225	228
BX49	52	BX69	72	BX89	92	BX120	123	BX240	243
BX50	53	BX70	73	BX90	93	BX123	126	BX255	258
BX51	54	BX71	74	BX91	94	BX124	127	BX270	273
BX52	55	BX72	75	BX92	95	BX126	129	BX300	303

Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)
CX51	55	CX81	85	CX109	113	CX144	148	CX210	214
CX55	59	CX85	89	CX111	115	CX150	154	CX240	244
CX60	64	CX90	94	CX112	116	CX158	162	CX270	274
CX68	72	CX96	100	CX115	119	CX162	166		
CX72	76	CX100	104	CX120	124	CX173	177		
CX75	79	CX101	105	CX128	132	CX180	184		
CX78	82	CX105	109	CX136	140	CX195	199		

"A/B" Classical (Conventional) Sheaves

A/B Available Sizes

Diameter (in)					
3.4	SH, SD	5.6	SDS, SD, SK	9.4	SDS, SK, SF, E
3.6	SH, SD	5.8	SDS, SD, SK	11.0	SDS, SK, SF, E
3.8	SH, SD	6.0	SDS, SD, SK, SF	12.4	SDS, SK, SF, E
4.0	SH, SD	6.2	SDS, SD, SK, SF	13.6	SDS, SK, SF, E
4.2	SH, SD	6.4	SDS, SD, SK, SF	15.4	SK, SF, E, F
4.4	SH, SD	6.6	SDS, SD, SK, SF	16.0	SK, SF, E, F
4.6	SDS, SD	6.8	SDS, SD, SK, SF	18.4	SK, SF, F
4.8	SDS, SD	7.0	SDS, SK, SF	20.0	SK, SF, E, F
5.0	SDS, SD	7.4	SDS, SK, SF	25.0	SF, E, F
5.2	SDS, SD	8.0	SDS, SK, SF	30.0	SF, E, F
5.4	SDS, SD, SK	8.6	SDS, SK, SF, E	38.0	SF, E, F, J

A/B (Large Bore) Available Sizes

Diameter (in)					
5.6	SF	7.0	SF	9.4	SF
6.0	SF	8.0	SF	11.0	SF
6.8	SF	8.6	SF	15.4	SF

C Available Sizes

Diameter (in)					
5.0	SD	9.5	SF, E, F, J	18.0	SF, E, F, J
5.6	SD	10.0	SF, E, F, J	20.0	SF, E, J, M
6.0	SF	10.5	SF, E, F, J	24.0	SF, E, F, J, M
7.0	SF	11.0	SF, E, F, J	27.0	F, J
7.5	SF	12.0	SF, E, F, J	30.0	F, J, M
8.0	SF, E	13.0	SF, E, F, J	36.0	F, J, M
8.5	SF, E	14.0	SF, E, F, J	44.0	F, J, M
9.0	SF, E, F, J	16.0	SF, E, F, J	50.0	F, J, M

D Available Sizes

Diameter (in)					
12.0	F, J, M	15.5	F, J, M	24.0	J, M
13.0	F, J, M	16.0	F, J, M	27.0	J, M
13.5	F, J, M	17.0	J, M	33.0	J, M, N
14.0	F, J, M	18.0	J, M	40.0	J, M, N
14.5	F, J, M	20.0	J, M	48.0	J, M, N, P
15.0	F, J, M	22.0	J, M	58.0	M, N, P