

BRECO® and BRECOFLEX® - timing belt corrections

Corrections of the print catalogue
 "BRECO-, BRECOFLEX - timing belts"
 Version 47/2010/5000

AT profiles with higher load-bearing capacity

Due to the improvements achieved in the product characteristics over recent years, BRECO is now able to offer a 20% higher specific tooth shear strength compared to previous catalogue values for the AT profiles used in high-performance drives.

Please take this increase into account for the values shown in the tables on the following pages:

Tooth shear strength (specific belt tooth load-bearing capacity)			Specific tooth force		
Page 21	Page 37	Page 49	Page 75	Page 87	Page 99
Page 23	Page 39	Page 51	Page 77	Page 89	Page 101
Page 25	Page 41		Page 79	Page 91	Page 103
Page 27	Page 43		Page 81	Page 93	Page 105
Page 29	Page 45		Page 83	Page 95	Page 107
Page 35	Page 47		Page 85	Page 97	Page 109

Other changes:

Page 13	Notes: The AT5 is no longer fitted with E tension member as standard.
Page 22	The steel tension member is standard. If you would like the E tension member, please ask about the minimum order amount.

Flexibility of steel tension members:			Steel tension member			
			standard	DL	DR	T
Page 23	Without countraflexure	z_{min}	15	25	25	25
		d_{min} [mm]	25	60	60	60
	With countraflexure	z_{min}	25	25	25	25
		d_{min} [mm]	60	60	60	60

Page 48	The steel tension member is standard. If you would like the E tension member, please ask about the minimum order amount.
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Flexibility of steel tension members:			Steel tension member
			standard
Page 49	Without countraflexure	z_{min}	25
		d_{min} [mm]	40
	With countraflexure	z_{min}	25
		d_{min} [mm]	80

Page 64	Table of standard lengths/number of teeth: Length code 230: Number of teeth = 115
Page 76	The steel tension member is standard. If you would like the E tension member, please ask about the minimum order amount.

Flexibility of steel tension members:			Steel tension member
			standard
Page 77	Without countraflexure	z_{min}	18 (15)
		d_{min} [mm]	30 (25)
	With countraflexure	z_{min}	25
		d_{min} [mm]	60

Page 102	The steel tension member is standard. If you would like the E tension member, please ask about the minimum order amount.
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Flexibility of steel tension members:			Steel tension member
			standard
Page 103	Without countraflexure	z_{min}	25
		d_{min} [mm]	60
	With countraflexure	z_{min}	25
		d_{min} [mm]	60

Page 126	Belt dimensions (figure): 40° instead of 50°
Page 129	Table of admissible tension cord strength: Belt width 76.2 mm: $F_{Tper} = 2520$ N (E/steel tension member, (V))