



CONTI SYNCHROFORCE®

Kraftvoll im Anzug
Powerful Performance

CONTI SYNCHROFORCE® CXA

Hochleistungszahnriemen für
höchste Drehmomente
Heavy-duty timing belts
for highest torque levels

Power Transmission Group



CONTI SYNCHROFORCE® CXA

Hochleistungszahnriemen für langsamlaufende Antriebe – drehmomentstark bei extremer Belastung

Heavy-duty timing belts for slow-speed drives – high-torque under extreme loads

Der CONTI SYNCHROFORCE® CXA verbindet höchste Zugfestigkeit mit sicherer und dauerhafter Übertragung höchster Drehmomente. Bei Riemengeschwindigkeiten bis zu 20 m/s sorgt das neuartige Compounding für den zuverlässigen Betrieb von Antrieben mit höchsten Drehmomentlasten. Speziell im unteren Drehzahlbereich wird durch die neu entwickelte, NBR-basierte Hochleistungsmischung die extreme Zugfestigkeit erreicht.

The CONTI SYNCHROFORCE® CXA combines exceptionally high tensile strength with reliable sustained transmission of extremely high torque levels. At belt speeds of up to 20 m/s, the innovative compounding ensures reliable operation of drives with extremely high torque loads.

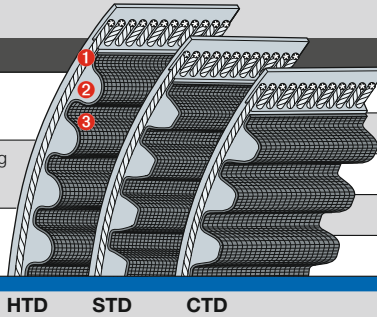
Den CONTI SYNCHROFORCE® CXA gibt es in drei Profilen und zwei Teilungen. Dadurch ist eine optimale Anpassung an jeden Einsatzfall möglich. Höchste Präzision im dauerhaften Betrieb bei gleichzeitig hoher Wirtschaftlichkeit machen ihn zum unschlagbaren Argument in der industriellen Antriebs-technik.

Thanks to the newly-developed NBR-based high-performance compound, the belt has an extremely high tensile strength, especially in the lower torque range.

The CONTI SYNCHROFORCE® CXA is available with three different profiles and two pitches, so the right belt can be selected for any specific application. Utmost precision in constant operation with consistently high efficiency make the belt unbeatable in the field of industrial power transmission technology.

Aufbau / Design

	CXA
1 Zugstrang Tension member	Aramid aramide
2 Compound	NBR-basiertes Compounding NBR-based compounding
3 Gewebe Fabric	spezial präpariert specially calendered



Abmessungen / Dimensions (mm)

Profil / Profile	
HTD 8M	288 – 3808
HTD 14M	966 – 4578
STD S8M	440 – 2848
CTD C8M	auf Anfrage / on request
CTD C14M	auf Anfrage / on request

Übergreifende Eigenschaften

- Temperaturbeständigkeit anwendungsspezifisch von -20 °C bis +100 °C
- überwiegende Ölbeständigkeit (ASTM01) und Tropentauglichkeit
- elektrisch leitfähig nach ISO 9563

General properties

- suitable for temperatures ranging from -20° C to +100° C according to application
- predominantly resistant to oils (ASTM01), unaffected by tropical climates
- electrically conductive to ISO 9563



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