Technical datasheet

PU Moulded T5 -690 Steel

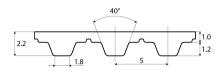


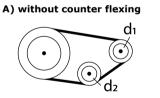
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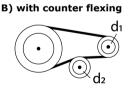
| General information | | | | | | | |
|--|--|-------------|----------------------|-----------------|------------|-----------|---------|
| Productgroup | Timing belts, PU Moulded | | | | | | |
| Industry segment | General industry; Container & packaging; Paper & print | | | | | | |
| Main product feature | Positive drive, Non-marking, Wear resistant | | | | | | |
| | | | | | | | |
| Belt construction | | | | | | | |
| Tension member | | steel | | | | | |
| Material | body Polyurethane | | | | | | |
| Surface | tooth side Polyurethan | | ne | | | | |
| | back side | Polyurethar | ne | | | | |
| | | | | | | | |
| Characteristics | | | | | | | |
| Food Grade (FG) | no | | | | | | |
| Antistatic (AS) | no | | | | | | |
| Oil & Fat resistance | yes | | | | | | |
| | | | | | | | |
| Technical data | | | | | | | |
| Tooth | profile | | | T5 | | | |
| | pitch | | | | mm | 0.2 | in. |
| Hardness body material | ISO 868 | | | | Shore | 0.00 | |
| Belt thickness | | | | | mm | 0.09 | |
| Belt weight | tooth side to stop | | du un a un i a | | kg/m² | 0.49 | lbs/ft² |
| Coefficient of friction Operating temperature | tooth side to steel continuous | | dynamic from / to | 0,5 -30 / 80 | ۰ <i>c</i> | -22 / 176 | 0E |
| Minimum pulley diameter | | | number of teeth, t1 | -30 / 80 | | -22 / 170 | · F |
| | A) without counte | a nexing | d1 | 15.05 | mm | 0.59 | in |
| | | | d1 d2 | | mm | 1.18 | |
| | B) with counter fl | exina | number of teeth, t1 | 15 | | 1110 | |
| | , | 5 | d1 | 23.05 | mm | 0.91 | in. |
| | | | d2 | 30 | mm | 1.18 | in. |
| Belt width | maximum | | | 400 | mm | 15.75 | in. |
| Belt length | | | | 690 | mm | 27.17 | in. |

Reference images

Side view







Fabrication

This information on the fabrication options is general, please contact Ammeraal Beltech to inquire for the specific fabrication possibilities of the timing belt of your choice.

Cleats welded or mechanically attached, metal teeth, guides welded or glued.

Covers can be welded, glued, coated or vulkanized onto the back side of the timing belt.

Thermoplastic covers can be embossed.

Perforations, lateral and logitudinal slots, lateral and longitudinal profiles.

Additional Information

Tooth profile according to standard: metric ISO 17396, imperial ISO 5296-1, curvilinear ISO 13050, depending on the belt type.

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Consult our specialists for further information like technical calculations. Instructions regarding joining, storage & maintenance and tracking & tensioning.

Standard

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