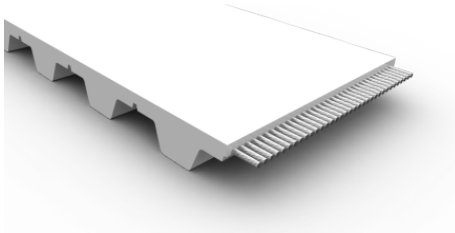




GATES POLYURETHANE TIMING BELTS

T20-HF – THE FLEXIBLE ONE OF HIS TYPE

Gates T20-HF Timing Belts own highly flexible steel cords, which give them a greater willingness to bend than standard T20. They allow therefore the use of smaller pulleys and are the choice in case of shortage of place.



NEW!

PRODUCT DATA

Pitch	20 mm
Minimum Welded Belt Length	1.000 mm
Standard Roll Length (Tolerance ± 1%)	50 m
Standard Color	White
Cord	High Flexible Steel Cord
Minimum Number of Pulley Teeth z_{min}	12
Minimum Pulley Diameter	76,4 mm
Minimum Back Bend Diameter	100 mm
FDA / EU Approval	No
Polyurethane	R1 / 92 Shore A (STANDARD) R2 / 85 Shore A (OPTION)
Polyamide Fabric	NB / Polyamide on Back Side (OPTION) NT / Polyamide on Tooth Side (OPTION) NTB / Polyamide on Tooth and Back Side (OPTION)

TECHNICAL DATA

Standard Width [mm]	25	32	50	75	100	150
Ultimate Tensile Strength $F_{Break} [N]$ Average Value	12.975	16.435	26.815	40.655	54.495	82.175
Allowable Belt Tension $F_{1all} [N]$ Open Ended	3.456	4.378	7.142	10.829	14.515	21.888
Allowable Belt Tension $F_{1all} [N]$ Endless Welded	1.728	2.189	3.571	5.414	7.258	10.944
Allowable Effective Tension $F_{Eall} [N]$						
Minimum 15 Teeth are in mesh	3.160	4.045	6.320	9.480	12.640	18.960
Specific Belt Weight $m_{sp} [kg/m/mm]$	0,0072					
Specific Belt Stiffness $c_{sp} [N]$	864.000	1.094.400	1.785.600	2.707.200	3.628.800	5.472.000

September 2012 • Technical specifications are subject to change without prior notice. • No liability is taken for printing errors.

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