



GATES POLYURETHANE TIMING BELTS

HPL14-RSL- THE SPECIAL STRONG ONE OF HIS TYPE

Gates HPLS14-RSL Timing Belts are our new generation in our product range of Polyurethane Timing Belts. They are particularly robust and withstand high mechanical requirements.



NEW!

PRODUCT DATA

Pitch	14 mm
Minimum Welded Belt Length	No Welding
Standard Roll Length (Tolerance ± 1%)	100 m
Standard Color	Black
Cord	Reinforced Steel Cord
Minimum Number of Pulley Teeth z_{min}	34
Minimum Pulley Diameter	151 mm
Minimum Back Bend Diameter	250 mm
FDA / EU Approval	No
Polyurethane	R1 / 92 Shore A (STANDARD) R2 / 85 Shore A (OPTION)
Polyamide Fabric	NT / Polyamide on Tooth Side ((STANDARD) NTB / Polyamide on Tooth and Back Side (OPTION)

TECHNICAL DATA

Standard Width [mm]	55	85	115	170
Ultimate Tensile Strength $F_{Break} [N]$ Average Value	97.500	157.500	217.500	315.000
Allowable Belt Tension $F_{Tall} [N]$ Open Ended	2.3189	37.459	51.729	74.918
Allowable Effective Tension $F_{Eall} [N]$ Minimum 15 Teeth are in mesh	8.305	12.835	17.365	25.670
Specific Belt Weight $m_{sd} [kg/m/mm]$	0,0123			
Specific Belt Stiffness $c_{sp} [N]$	5.797.187	9.364.687	12.932.187	18.729.375

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