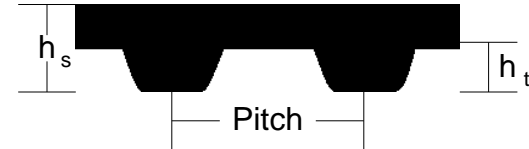




Standard Construction Features

Belt Type: Synchronous
 Core Material: Oil & Heat Resistant (chloroprene)
 Cord/Tensile: Fiberglass
 Jacket: Nylon



Belt Section Dimensions

Tooth Type	Pitch (in)	h_s (in)	h_t (in)
TRAP	7/8	0.440	0.250

Belt Dimensions

Pitch Length (in)	No. Teeth	Width (in)
50.75 ± 0.032	58	3.000 ± 0.190

Measuring Information

Y (in)	T (lbf)	No. Teeth	O.D. (in)	Pitch Circum. (in)	Radial Runout (in)	Axial Runout (in)	PLD 2a (in)
14.88 ± 0.016	700	24	6.57	21.00	0.0005	0.0020	0.110



The length shall be measured by placing the belts on two pulleys of equal diameters that have been grooved in accordance with standard specifications and rotated at least three complete turns with the specified tension so that each strand receives half the total tension. The length will be that length obtained by adding the Pitch Circumference of one pulley to twice the center distance (dimension 'Y').



DesignView™ Belt Information Sheet

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PowerGrip Timing - XH

Gates Product Number
9257-4200

Customer Part Number
507XH300