



Standard Construction Features

Belt Type: Banded

Core Material: General Purpose (diene)

Cord/Tensile: Polyester

BandPly 1: Oil & Heat Resistant Standard

BandPly 2: Oil & Heat Resistant Standard



Belt Section

Cross Section	Datum Length (in)	TW (in)	TH (in)
D	147.30 $\begin{smallmatrix} + 0.80 \\ - 0.80 \end{smallmatrix}$	1-1/4	3/4

Measuring Information

* T (lb) is per belt/rib/strand

Y (in)	T* (lb)	G min (in)	W (in)	Angle (°)	O.D. (in)	O.C. (in)	Max Ride (in)	S (in)
54.593 $\begin{smallmatrix} + 0.400 \\ - 0.400 \end{smallmatrix}$	300	1.02	1.259	34	12.732	38.114	0.12	1.438

Reference RMA IP-20-1988 for the industry standard governing this belt.



DesignView™

Version 1.0 -
Belt Information Sheet

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Created for

Hi-Power II - D

Gates Product Number

9005-2144

Customer Part Number

D144

The length shall be measured by placing the belts on two sheaves 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 Reference Circumference of one sheave at dimension 'W' to twice the center distance (dimension 'Y').