



Standard Construction Features

Belt Type: Banded PowerBand

Core Material: Oil & Heat Resistant (chloroprene)

Cord/Tensile: Aramid

BandPly 1: Oil & Heat Resistant Standard

BandPly 2: Oil & Heat Resistant Bareback (clutching)



Belt Section

Cross Section	Effective Length (in)	TW _S (in)	TH (in)	TW _T (in)	Strands
5VP	100.00 ± 0.50 $- 0.50$	11/16	17/32	2 1/2	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)
37.500 ± 0.250 $- 0.250$	225	0.59	0.6	38	7.958	25.000	0.25	0.688

Reference RMA IP-22-1991 for the industry standard governing this belt.



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').



DesignView™

Version 1.0 -
Belt Information Sheet

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Predator - 5VP

Gates Product Number

9181-4100

Customer Part Number

4/5VP1000