



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 |
|---------------|-----------------------------|----------------------|---------|----------------------|---------|
| 8VP | 400.00 ± 1.00 - 1.00 | 1.125 | 1 | 5 | 5 |

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) |
|--------------------------------|---------|------------|--------|-----------|-----------|-----------|---------------|--------|
| 175.000 ± 0.500 - 0.500 | 500 | 0.99 | 1 | 38 | 15.916 | 50.000 | 0.30 | 1.125 |

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 - 8VP

Gates Product Number

9182-5400

Customer Part Number

5/8VP4000