

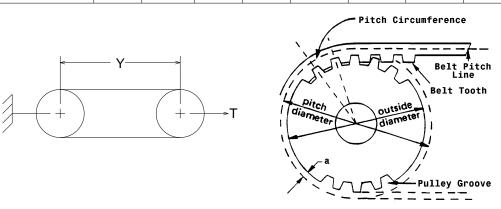
## **Standard Construction Features**

Belt Type: Synchronous Core Material: Polyurethane

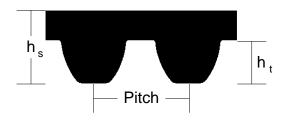
Cord/Tensile: Carbon Jacket: Blue Nylon



| Y<br>(mm)                 | T<br>(N) | No.<br>Teeth | O.D.<br>(mm) | Pitch<br>Circum.<br>(mm) | Radial<br>Runout<br>(mm) | Axial<br>Runout<br>(mm) | PLD<br>2a<br>(mm) |
|---------------------------|----------|--------------|--------------|--------------------------|--------------------------|-------------------------|-------------------|
| 826.00 + 0.490<br>+ 0.490 | 264      | 32           | 139.81       | 448.00                   | 0.0005                   | 0.0010                  | 2.794             |



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').



## **Belt Section Dimensions**

| Tooth | Pitch  | h <sub>s</sub> | h <sub>t</sub> |
|-------|--------|----------------|----------------|
| Type  | (mm)   | (mm)           | (mm)           |
| GT    | 14.000 | 10.200         |                |

## **Belt Dimensions**

| Pitch Length               | No.   | Width |  |
|----------------------------|-------|-------|--|
| (mm)                       | Teeth | (mm)  |  |
| 2100.00 + 0.980<br>- 0.980 | 150   |       |  |



## DesignView™

**Belt Information Sheet** 

Created 23 Jun 2017 by Gates

Created for

Poly Chain GT Carbon - 14MGT

**Gates Product Number** 

**Customer Part Number** 

9274-4150

14MGT-2100-20

Application Version: 1.1.24 Database Version: 1.1.00