

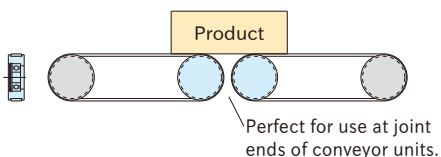
**RABS** 1030~1550

**RABS** 2030~4060

| Pulley                                   | Bearing / Retaining Ring |
|--|--------------------------|
| Steel(S45C)<br>Electroless nickel plated | Steel                    |

| Part Number     | Flange Height | Do | Df | T  | d  | B  | L  | d <sub>1</sub> | d <sub>2</sub> | A    | Bearing  | Weight (g) | Proper Idler Pin |
|-----------------|---------------|----|----|----|----|----|----|----------------|----------------|------|----------|------------|------------------|
| <b>RABS1030</b> | 1.5           | 30 | 33 | 11 | 8  | 7  | 14 | 22             | 18             | 3.5  | 608ZZ    | 55         | PID0807          |
| <b>RABS1530</b> | 1.5           | 30 | 33 | 16 | 8  | 7  | 19 | 22             | 18             | 6    | 608ZZ    | 70         | PID0807          |
| <b>RABS1550</b> | 3             | 50 | 56 |    | 10 | 8  | 20 | 26             | 22             |      | 6000ZZ   | 270        | PID1008          |
| <b>RABS2030</b> | 1.5           | 30 | 33 | 21 | 8  | 14 | 24 | 22             | 18             | 5    | 608ZZ×2  | 95         | RLB0814          |
| <b>RABS2050</b> | 3             | 50 | 56 |    | 10 | 16 | 25 | 26             | 22             | 4.5  | 6000ZZ×2 | 340        | PID1016          |
| <b>RABS2540</b> | 1.5           | 40 | 43 | 26 | 10 | 16 | 30 | 26             | 22             | 7    | 6000ZZ×2 | 225        | PID1016          |
| <b>RABS2550</b> | 3             | 50 | 56 |    |    |    |    |                |                |      |          | 400        |                  |
| <b>RABS4060</b> | 3             | 60 | 66 | 41 | 12 | 20 | 45 | 32             | 26             | 12.5 | 6201ZZ×2 | 840        | RLB1220          |

## How To Use



## Reference

• TENSIONER ASSEMBLY EXAMPLES

## Features

- Can be used as driven rollers in flat-belt drive applications.
- The flange height smaller than the belt thickness allows carrying the product over these pulleys.
- Ball bearing is locked by a retaining ring.

## Technical Information

Allowable Bearing Radial Loads(N)<for 3,000 hours of average service life>

| Bearing         | Speed (min <sup>-1</sup> ) |      |      |      |      |      |      |      |
|-----------------|----------------------------|------|------|------|------|------|------|------|
|                 | 100                        | 500  | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 |
| <b>608ZZ</b>    | 990                        | 580  | 460  | 400  | 360  | 340  | 320  | 300  |
| <b>608ZZ×2</b>  | 1600                       | 940  | 740  | 640  | 580  | 550  | 510  | 480  |
| <b>6000ZZ</b>   | 1370                       | 1090 | 640  | 560  | 500  | 470  | 440  | 420  |
| <b>6000ZZ×2</b> | 2210                       | 1760 | 1030 | 900  | 810  | 760  | 710  | 680  |
| <b>6201ZZ×2</b> | 3300                       | 1920 | 1520 | 1340 | 1210 | 1130 | 1050 | 1000 |