



|                               |                                                  |                           |                       |
|-------------------------------|--------------------------------------------------|---------------------------|-----------------------|
| O.D. (D):                     | 3.125 in (79.4 mm)                               | Hex Wrench Size:          | 6.0 mm                |
| Brand:                        | Ruland                                           | Static Torque:            | 1150 lb-in            |
| Note:                         | Stainless steel hubs are available upon request. | Conflict Minerals:        | Compliant             |
| Tariff Code:                  | 8483.60.8000                                     | B2 Max Shaft Penetration: | 1.843 in              |
| Maximum Speed:                | 10000 RPM                                        | Material:                 | Aluminum              |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B1):                | 1.5000 in             |
| Country of Origin:            | USA                                              | Bore (B2):                | 1.1250 in             |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in                          | Keyway:                   | Yes                   |
| Balanced Design:              | Yes                                              | Keyway (K1):              | 3/8 in                |
| UNSPC:                        | 31163008                                         | B1 Max Shaft Penetration: | 1.843 in              |
| Number of Screws:             | 2 ea                                             | Keyway (K2):              | 1/4 in                |
| Dynamic Torque Reversing:     | 287.5 lb-in                                      | Length (L):               | 3.938 in (100.0 mm)   |
| Dynamic Torque Non-Reversing: | 575 lb-in                                        | Bore Tolerance:           | +0.001 in / -0.000 in |
| Torsional Stiffness:          | 2500 lb-in/Deg                                   | Screw Material:           | Alloy Steel           |
| Angular Misalignment:         | 2.0 deg                                          | Screw Finish:             | Black Oxide           |
| Parallel Misalignment:        | 0.012 in                                         | Forged Clamp Screw:       | M8                    |
| Axial Motion:                 | 0.030 in                                         | ISO 9001:2015:            | Certified             |
| Recommended Hex Key:          | Metric Hex Keys                                  | REACH:                    | Compliant             |
| B1 Min Shaft Penetration:     | 0.875 in                                         | RoHS3:                    | Compliant             |
| Seating Torque:               | 39 Nm                                            | B2 Min Shaft Penetration: | 0.875 in              |

COMPONENT

Disc Coupling - Double



Pacific International Bearing, Inc.  
33258 Central Ave, Union City, CA 94587  
1-800-228-8895, 510-512-7000,  
info@pibsales.com  
www.pibsales.com

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

**DCDK50-24-18-A**  
**Ruland**  
1.5000" X X 1.1250" Bores, 3.125" Od, And  
3.938" Length, 3/8" X 1/4" Keyways, Clamp  
Double Disc Coupling, Anodized  
Aluminum Hubs, Stainless Steel Disc  
Springs, And A Center Spacer

|       |
|-------|
| UNIT  |
| Inch  |
| SHEET |