



O.D. (D):	3.125 in (79.4 mm)	Hex Wrench Size:	6.0 mm
Brand:	Ruland	Static Torque:	129.93 Nm
Note:	Stainless steel hubs are available upon request.	Conflict Minerals:	Compliant
Tariff Code:	8483.60.8000	B2 Max Shaft Penetration:	46.8 mm
Maximum Speed:	10000 RPM	Material:	Aluminum
Temperature:	-40°F to 200°F (-40°C to 93°C)	Bore (B1):	42 mm
Country of Origin:	USA	Bore (B2):	38 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Keyway:	Yes
Balanced Design:	Yes	Keyway (K1):	12 mm
UNSPC:	31163008	B1 Max Shaft Penetration:	46.8 mm
Number of Screws:	2 ea	Keyway (K2):	10 mm
Dynamic Torque Reversing:	32.49 Nm	Length (L):	3.938 in (100.0 mm)
Dynamic Torque Non-Reversing:	64.97 Nm	Bore Tolerance:	+0.03 mm / -0.00 mm
Torsional Stiffness:	282.5 Nm/Deg	Screw Material:	Alloy Steel
Angular Misalignment:	2.0 deg	Screw Finish:	Black Oxide
Parallel Misalignment:	0.30 mm	Forged Clamp Screw:	M8
Axial Motion:	0.76 mm	ISO 9001:2015:	Certified
Recommended Hex Key:	Metric Hex Keys	REACH:	Compliant
B1 Min Shaft Penetration:	22.2 mm	RoHS3:	Compliant
Seating Torque:	39 Nm	B2 Min Shaft Penetration:	22.2 mm

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.

MDCDK80-42-38-A
Ruland
42mm X 38mm Bores, 79.4mm Od, And
100.0mm Length, 12mm X 10mm Keyways,
Clamp Double Disc Coupling, Anodized
Aluminum Hubs, Stainless Steel Disc
Springs, And A Center Spacer

UNIT
Metric
SHEET