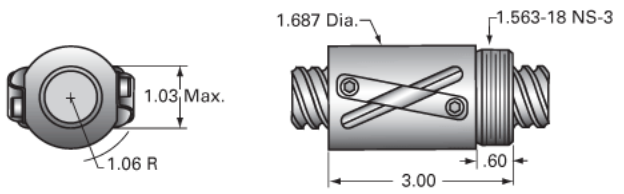
Product Specification Sheet

PowerTrac 1000 - 1000 SRT RA, with SBN Ball Nut, Double Circuit

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerTrac 1000 - 1000 SRT RA, with SBN Ball Nut, Double

2D/3D CAD ONLINE



Inch Ball Screw	
(Screw)Product Info	
Screw Code	1000-1000 SRT RA
Precision	SRT
Screw Material	4150
Thread Direction	RH
(Screw)Details	
Ball Circle Diameter [in]	1.000
Lead [in]	1.000
Root Diameter [in]	0.820
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	20
End Code for Type 4 [* Journals may show tracings of the thread]	12
(Screw)Performance Specifications	
Lead Accuracy +/- [in./ft.]	0.0040
(Screw)Part Numbers	
2 ft. Part Number	
4 ft. Part Number	SRT6814
6 ft. Part Number	
8 ft. Part Number	SRT6822
12 ft. Part Number	SRT6830
16 ft. Part Number	SRT0429
20 ft. Part Number	
(Screw)Weight	
Screw Weight [lb./ft.]	2.20
Inch Ball Nut, for SRT, Standard Accuracy, No Preload, SBN, Standard	
(Nut)Product Info	
Ball Nut Number	SBN10461
Thread Direction	RH
(Nut)Details	
Ball Circle Diameter [in]	1.000
Lead [in]	1.000
Nominal Ball Diameter [in]	0.156
Root diameter [in]	0.820
(Nut)Dimensions	
A [in]	
(Nut)Forces and Torques	
Torque to Raise 1 lb. [in-lb]	0.177
(Nut)Flange Part Numbers	
Flange Part Number	FLG7571
(Nut)Wiper Part Numbers	
Wiper Kit Part Number	WKB1050
Wiper Kit Felt Part Number	
(Nut)Weight	
Nut Weight [lb]	1.11
(Nut)Performance Specifications	
Lead Accuracy +/- [in./ft.]	0.004
Maximum Adjustable Preload [lb]	
Spring Rate x 10⁶ [lb./in.]	
Dynamic Load [lb]	2142
Static Load [lb]	11925