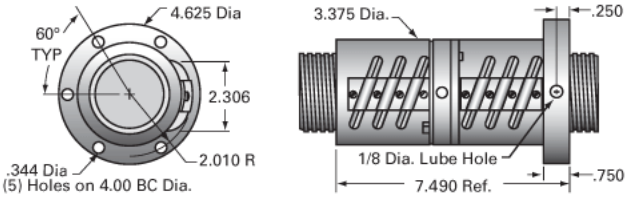
Product Specification Sheet

PowerTrac 2500 - 0250 SRT RA, with SAR Ball Nut, Adjustable

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerTrac 2500 - 0250 SRT RA, with SAR Ball Nut,

2D/3D CAD ONLINE



Inch Ball Screw	
(Screw)Product Info	
Screw Code	2500-0250 SRT RA
Precision	SRT
Screw Material	4150
Thread Direction	RH
(Screw)Details	
Ball Circle Diameter [in]	2.500
Lead [in]	0.250
Root Diameter [in]	2.320
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	50
End Code for Type 4 [* Journals may show tracings of the thread]	32
(Screw)Performance Specifications	
Lead Accuracy +/- [in./ft.]	0.0040
(Screw)Part Numbers	
2 ft. Part Number	
4 ft. Part Number	SRT3255
6 ft. Part Number	
8 ft. Part Number	SRT3256
12 ft. Part Number	SRT3257
16 ft. Part Number	SRT0442
20 ft. Part Number	SRT0606
(Screw)Weight	
Screw Weight [lb./ft.]	15.45
Inch Ball Nut, for SRT, Standard Accuracy, Preloaded, Adjustable, SAR	
(Nut)Product Info	
Ball Nut Number	SAR3242
Thread Direction	RH
(Nut)Details	
Ball Circle Diameter [in]	2.500
Lead [in]	0.250
Nominal Ball Diameter [in]	0.156
Root diameter [in]	2.320
(Nut)Forces and Torques	
Torque to Raise 1 lb. [in-lb]	0.044
(Nut)Flange Part Numbers	
Flange Part Number	INTEGRAL
(Nut)Wiper Part Numbers	
Wiper Kit Part Number	BRUSH
(Nut)Weight	
Nut Weight [lb]	9.90
(Nut)Performance Specifications	
Lead Accuracy +/- [in./ft.]	0.004
Maximum Adjustable Preload [lb]	1895
Spring Rate x 10⁶ [lb./in.]	
Dynamic Load [lb]	6315
Static Load [lb]	81938