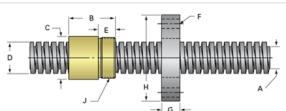


## **Product Specification Sheet**

## PowerAC 1 3/4"-4 LA w/Bronze Nut

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerAC 1 3/4"-4 LA w/Bronze Nut today!







Rolled Inch Acme Screw	
(Screw)Product Info	
Screw Code	174-LA
Thread Direction	LH
Screw Material	4140 Series
(Screw)Details	
Lead [in]	0.250
Starts	1
Pitch [in]	0.250
Turns Per Inch	4
Threads per Inch	4
Thread Code	174
Form	2C
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	35
End Code for Type 4 [* Journals may show tracings of the thread]	19
(Screw)Dimensions	
A - Root Diameter Minimum [in]	1.427
D - Nominal Rod Diameter [in]	1.750
(Screw)Part Numbers	
3 ft. Part Number	51174
	52174
6 ft. Part Number	
12 ft. Part Number	53174
20 ft. Part Number	
(Screw)Performance Specifications	
Lead Accuracy +/- [in/in]	0.0003
(Screw)Weight	
Screw Weight [lb./ft.]	6.97
nch Acme Nut with Optional Flange	
(Nut)Product Info	
Part Number	80174
Thread Direction	LH
Туре	Bronze
(Nut)Details	
Lead [in]	0.250
Starts	1
Pitch [in]	0.250
Turns Per Inch	4
Lash (Maximum Axial) [in]	0.011
Nominal Rod Diameter [in]	1.750
Threads per Inch	4
Thread Code	174
Form	2C
	20
(Nut)Dimensions	0.50
B [in]	2.50
C [in]	2.75
E [in]	0.88
F (n) Dia. [in]	(4) .531
F BCD [in]	4.062
G [in]	0.90
H [in]	4.94
J [in]	2.548-18
(Nut)Forces and Torques	0.450
Torque to Raise 1 lb. [in-lb]	0.153
(Nut)Flange Part Numbers	
Flange No-Lash Part Number	73500
Flange Part Number	FLG7573
(Nut)Weight	
Flange Weight [lb]	4.73
Nut Weight [lb]	3.05
(Nut)Performance Specifications	0.00

Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	15312
Static Load Capacity [lb]	49900