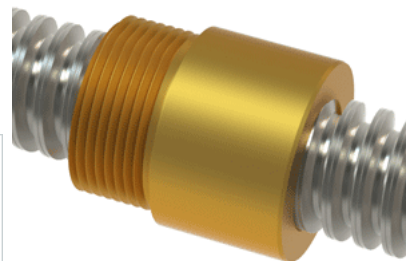
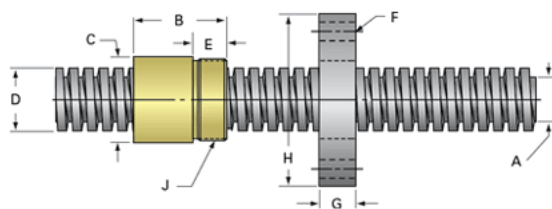


PowerAC Trapezoidal Assembly 903 RS w/Bronze Nut

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerAC Trapezoidal Assembly 903 RS w/Bronze Nut



Trapezoidal Lead Screw

(Screw)Product Info

| | |
|------------------|----------------------|
| Screw Code | 903 RS |
| Screw Material | 300 Series Stainless |
| Thread Direction | RH |

(Screw)Details

| | |
|---|------|
| Diameter | 20 |
| Lead | 4 |
| Starts | 1 |
| Pitch [mm] | 4 |
| Lead Accuracy +/- [$\frac{1}{16}$ mm/25mm] | 6.25 |
| Thread Code | 903 |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 12 |
| End Code for Type 4 [* Journals may show tracings of the thread] | 8 |

(Screw)Dimensions

| | |
|--------------------------------|-------|
| A - Root Diameter Minimum [mm] | 14.90 |
| D - Nominal Rod Diameter | 20 |

(Screw)Part Numbers

| | |
|---------------------|-------|
| 1800 mm Part Number | 55903 |
| 3600 mm Part Number | 56903 |
| 900 mm Part Number | 54903 |

(Screw)Weight

| | |
|-----------------------|---|
| Weight Per Meter [kg] | 2 |
|-----------------------|---|

Trapezoidal Lead Nut

(Nut)Product Info

| | |
|------------------|--------|
| Part Number | 20903 |
| Thread Direction | RH |
| Type | Bronze |

(Nut)Details

| | |
|------------------------------|------|
| Diameter | 20 |
| Lead [mm] | 4 |
| Starts | 1 |
| Pitch [mm] | 4 |
| Lash (Maximum Axial in) [mm] | 0.24 |
| Nominal Rod Diameter | 20 |
| Thread Code | 903 |

(Nut)Dimensions

| | |
|-----------------|----------|
| B [mm] | 32.0 |
| C [mm] | 34.0 |
| E [mm] | 13.00 |
| F (n) Dia. [mm] | (4) 7.00 |
| F BCD [mm] | 60.00 |
| G [mm] | 14.0 |
| H [mm] | 75.0 |
| J [mm] | M30x1.5 |

(Nut)Forces and Torques

| | |
|---------------------------|-------|
| Torque to Raise 1 kN [Nm] | 1.818 |
|---------------------------|-------|

(Nut)Flange Part Numbers

| | |
|--------------------|-------|
| Flange Part Number | 72003 |
|--------------------|-------|

(Nut)Weight

| | |
|--------------------|------|
| Flange Weight [kg] | 0.39 |
| Nut Weight [g] | 173 |

(Nut)Performance Specifications

| | |
|---|-------|
| Efficiency [%] | 35 |
| Lead Accuracy +/- [$\frac{1}{16}$ mm/25mm] | 6.25 |
| Dynamic Load Capacity [N] | 13790 |
| Static Load Capacity [N] | 44128 |