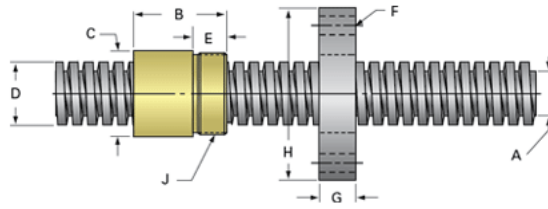


PowerAC Trapezoidal Assembly 900 RS w/Plastic Nut

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerAC Trapezoidal Assembly 900 RS w/Plastic Nut today!



Trapezoidal Lead Screw

Product Info

| | |
|------------------|----------------------|
| Screw Code | 900 RS |
| Screw Material | 300 Series Stainless |
| Thread Direction | RH |

Details

| | |
|---|------|
| Diameter | 10 |
| Lead | 3 |
| Starts | 2 |
| Pitch [mm] | 1.5 |
| Lead Accuracy +/- [*MU*m/25mm] | 6.25 |
| Thread Code | 900 |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 7 |
| End Code for Type 4 [* Journals may show tracings of the thread] | 4 |

Dimensions

| | |
|--------------------------------|------|
| A - Root Diameter Mmmimum [mm] | 7.92 |
| D - Nominal Rod Diameter | 10 |

Part Numbers

| | |
|---------------------|-------|
| 1800 mm Part Number | 55900 |
| 3600 mm Part Number | |
| 900 mm Part Number | 54900 |

Weight

| | |
|-----------------------|-----|
| Weight Per Meter [kg] | 0.5 |
|-----------------------|-----|

Trapezoidal Lead Nut

Product Info

| | |
|------------------|---------|
| Part Number | 30900 |
| Thread Direction | RH |
| Type | Plastic |

Details

| | |
|------------------------------|------|
| Diameter | 10 |
| Lead [mm] | 3 |
| Starts | 2 |
| Pitch [mm] | 1.5 |
| Lash (Maximum Axial in) [mm] | 0.13 |
| Nominal Rod Diameter | 10 |
| Thread Code | 900 |

Dimensions

| | |
|-----------------|----------|
| B [mm] | 16.0 |
| C [mm] | 18.0 |
| E [mm] | 10.00 |
| F (n) Dia. [mm] | (4) 7.00 |
| F BCD [mm] | 25.50 |
| G [mm] | 11.0 |
| H [mm] | 42.0 |
| J [mm] | M15x1 |

Forces and Torques

| | |
|---------------------------|-------|
| Torque to Raise 1 kN [Nm] | 0.966 |
|---------------------------|-------|

Flange Part Numbers

| | |
|--------------------|-------|
| Flange Part Number | 72001 |
|--------------------|-------|

Weight

| | |
|--------------------|------|
| Flange Weight [kg] | 0.09 |
| Nut Weight [g] | 4.5 |

Performance Specifications

| | |
|--------------------------------|------|
| Efficiency [%] | 49 |
| Lead Accuracy +/- [*MU*m/25mm] | 6.25 |
| Dynamic Load Capacity [N] | 1723 |
| Static Load Capacity [N] | 1723 |