

## PowerAC Trapezoidal Assembly 905 RA w/Plastic Nut

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<b>Trapezoidal Lead Screw</b>	
<b>(Screw)Product Info</b>	
Screw Code	905 RA
Screw Material	4140 Series
Thread Direction	RH
<b>(Screw)Details</b>	
Diameter	40
Lead	7
Starts	1
Pitch [mm]	7
Lead Accuracy +/- [ $\mu$ m/25mm]	6.25
Thread Code	905
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	30
End Code for Type 4 [* Journals may show tracings of the thread]	19
<b>(Screw)Dimensions</b>	
A - Root Diameter Mmmimum [mm]	30.95
D - Nominal Rod Diameter	40
<b>(Screw)Part Numbers</b>	
1800 mm Part Number	15905
3600 mm Part Number	16905
900 mm Part Number	14905
<b>(Screw)Weight</b>	
Weight Per Meter [kg]	8.16
<b>Trapezoidal Lead Nut</b>	
<b>(Nut)Product Info</b>	
Part Number	30905
Thread Direction	RH
Type	Plastic
<b>(Nut)Details</b>	
Diameter	40
Lead [mm]	7
Starts	1
Pitch [mm]	7
Lash (Maximum Axial in) [mm]	0.32
Nominal Rod Diameter	40
Thread Code	905
<b>(Nut)Dimensions</b>	
B [mm]	60.0
C [mm]	60.0
E [mm]	20.00
F (n) Dia. [mm]	(4) 11.00
F BCD [mm]	90.00
G [mm]	21.0
H [mm]	120.0
J [mm]	M55.15
<b>(Nut)Forces and Torques</b>	
Torque to Raise 1 kN [Nm]	3.022
<b>(Nut)Flange Part Numbers</b>	
Flange Part Number	72005
<b>(Nut)Weight</b>	
Flange Weight [kg]	1.40
Nut Weight [g]	160
<b>(Nut)Performance Specifications</b>	
Efficiency [%]	37
Lead Accuracy +/- [ $\mu$ m/25mm]	6.25
Dynamic Load Capacity [N]	27580
Static Load Capacity [N]	27580