

2D/3D CAD

Product Specification Sheet

PowerTrac PMT 40 x 10 RH with MPN Ball Nut

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerTrac PMT 40 x 10 RH with MPN Ball Nut today!

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Metric Ball Screw	
(Screw)Product Info	
Screw Code	40x10 PMT RA
Precision	PMT
Screw Material	4150
Thread Direction	RH
(Screw)Details	
Screw Part Number	40x10 PMT
Ball Circle Diameter [mm]	42.1
Lead [mm]	10
Root Diameter [mm]	34.76
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
(Screw)Weight	
Screw Weight [g/M]	8566
(Screw)Performance Specifications	
Lead Accuracy +/- [μm/300mm]	25
Metric Ball Nut, for PMT, Preloaded, Precision Accuracy, MPN (Nut)Product Info	
Ball Nut Number	MPN10305
Thread Direction	RH
(Nut)Details	
Ball Circle Diameter [mm]	42.1
Lead [mm]	10
Nominal Ball Diameter [mm]	7.14
Root Diameter [mm]	34.76
(Nut)Forces and Torques	
Torque to Raise 1 kN [Nm]	1.78
(Nut)Flange Part Numbers	
Flange Part Number	INTEGRAL
(Nut)Wiper Part Numbers	
Wiper Kit Part Number	ELASTOMER
(Nut)Weight	
Nut Weight [g]	1182
(Nut)Performance Specifications	
Lead Accuracy +/- [μm/300mm]	25
Spring Rate x 10 ⁶ [lb./in.]	0.55
Dynamic Load Ca [kN]	28.4
Static Load Coa [kN]	54.5
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M8x1 Lube Hole –