

P2949 Single Wheel Channel Trolley Assembly

Single Wheel Trolley | 41x41mm P1000-Type Channel | Zinc Plated | P2949

Direct Channel P2949 single wheel channel trolley assembly provides a movable support point within compatible 41x41mm strut channel systems. The single bearing wheel runs within the channel profile, making the assembly suitable for guided or sliding support arrangements where controlled linear movement is required.

The supplied technical sheet specifies a mild steel plate to BS EN 10025 S275 or BS 1449 HR4, a 6200Z caged ball bearing, a 10mm hardened steel roll pin and zinc plated mild steel packing washers. The assembly is zinc plated to BS EN 12329 with a nominal 8 micron coating.

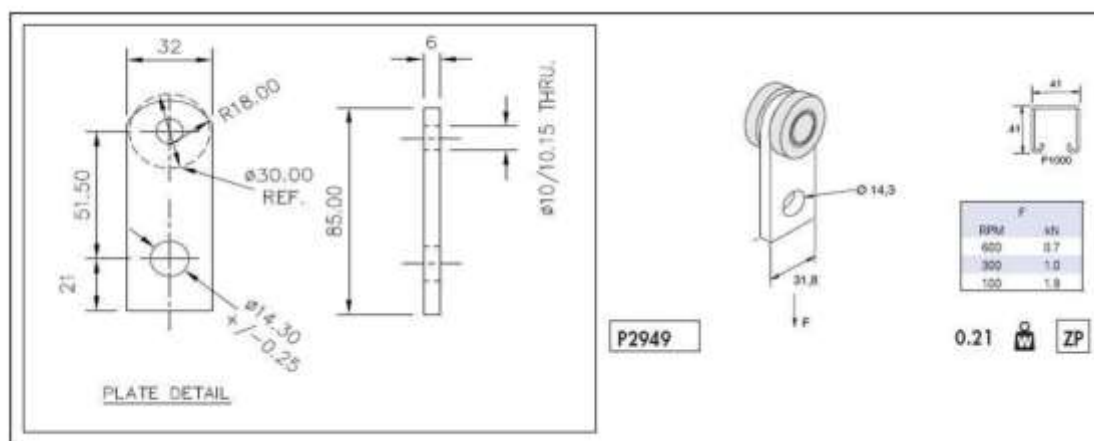
SPECIFICATION

Product Type	Single wheel channel trolley assembly
Compatible Channel	41x41mm P1000-type strut channel
Plate Material	Mild steel to BS EN 10025 S275 or BS 1449 HR4
Bearing	6200Z caged ball bearing
Roll Pin	10mm dia. hardened steel
Packing Washers	Mild steel, zinc plated
Finish	Zinc plated to BS EN 12329 - Fe//Zn5//A or A3A; nominal 8 microns
Mounting Hole	Dia. 14.3mm nominal (as shown on technical drawing)

KEY FEATURES

- Single wheel trolley design 6200Z caged ball bearing - Zinc plated finish 0.21kg part weight	- Fits compatible 41x41mm channel 10mm hardened steel roll pin 14.3mm nominal mounting hole
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TECHNICAL DRAWING



AVAILABLE OPTIONS

Code	Type	Part Weight
P2949	Single Wheel Trolley Assembly	0.21kg

Designed for compatible 41x41mm P1000-type strut channel. Manufacturer load data (F): 600 RPM: 0.7kN, 300 RPM: 1.0kN, 100 RPM: 1.9kN. Load capacity varies with wheel speed. Verify the complete support arrangement and applied loading before use.

TYPICAL APPLICATIONS

Sliding support points in strut channel	Movable frames & brackets
Overhead guided support arrangements	Adjustable service frameworks
Cable support movement systems	Light mechanical assemblies

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