

MPC9/3

Data Sheet



Description

41 x 21mm / 3mtr Slotted Steel Channel: Light Gauge

Finish

Pre-Galvanised

Material

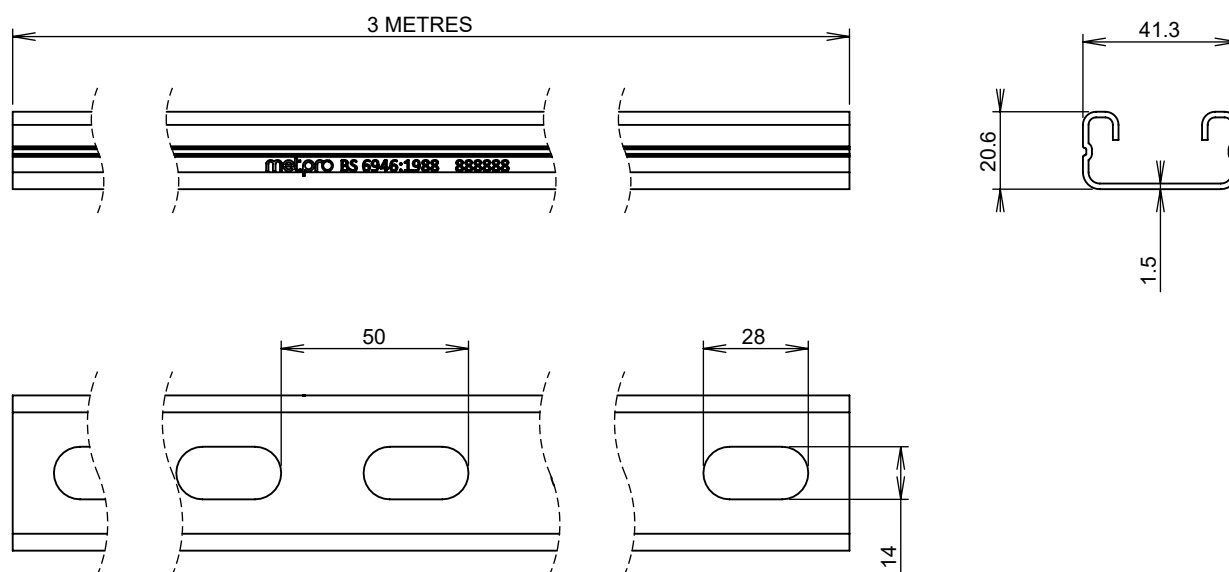
1.5mm Thickness Steel

Packaging

Packed in qty 1

Additional Notes

Meets the mechanical strength of BS6946:1988 & compliant to BSEN10346
Features a strengthening rib down each side
Each length is marked 'Metpro' for full traceability
Benefits from a 5 year extended warranty when used as part of the Metpro Steel Bracketry System



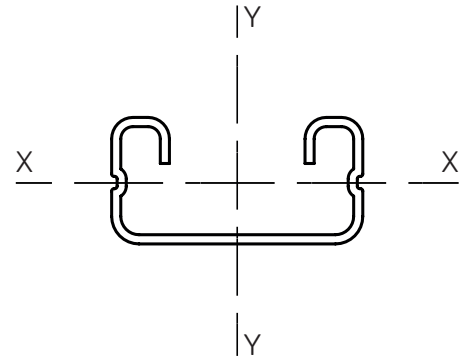
Values are nominal and with a general tolerance $\pm 5\%$ unless otherwise specified

MPC9/3: Load Information

Key:

A Cross Section Area
I Second Moment of Area
Z Section Modulus
C Centroid Distance
r Radius of Gyration

A 1.31cm²
I_{x-x} 0.715cm⁴
Z_{x-x} 0.68cm³
C_{x-x} 1.002cm
I_{y-y} 3.611cm⁴
Z_{y-y} 1.75cm³
C_{y-y} 2.065cm
r_{x-x} 0.74cm
r_{y-y} 1.66cm



Length (mm)	Max. Uniform Dist. Load (kg)	Defl. at Uniform Dist. Load (mm)	Max. Uniform Dist. Load at Defl. of L/200 (kg)	Max. Uniform Dist. Load at Defl. of L/360 (kg)
250	386	0.52	-	-
500	193	2.1	-	127
750	129	4.73	102	57
1000	96	8.39	57	32
1250	77	13.09	37	20
1500	64	18.88	25	14
1750	55	25.72	19	10
2000	48	33.44	14	8

[Click here to see our live stock levels](#)