

RENOLD	Works Certificate for Steel	No:	Meets
	Chains	50422	DIN EN 10204 2.2

Customer RENOLD GMBH (German EDC) Auschnippe63 37170 Uslar. Germany	Manufacturer Renold Transmission Products Co., Ltd. No.489 FuXing Road Jintan District Changzhou P.R 213200	Brand Identification Renold SD
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Renold Catalogue No.	SD12B2
Chain Type	12B Duplex Roller Chain
Standard	ISO 606
Customer Order No.	
Renold Order No. <i>Renold</i>	

Key Chain Data

Pitch	p	19.050 mm
Width between inner plates	b ₁ min	11.68 mm
Width over inner link	b ₂ max	15.62 mm
Width between outer plates	b ₃ min	15.75 mm
No of links per metre		52.50
Chain mass		2.35 kg/m
Length tolerance		0.15 %
Measuring length	33 links	628.65 mm

Load Data

Breaking Load FB		Nominal	- 57800 N
		Actual	- 60500 N ()
Pre Load 0.02 xFB	1156 N	Elongation	
Load		0.1xFB	: 5780 N = 1.81 %
		0.2xFB	: 11560 N = 2.10 %
		0.5xFB	: 28900 N = 2.83 %
		Permanent elongation at 0.5 x FB = 0.066 %	

Dimensional Data

Components	Dimensions (mm)	Material
Pin	Diameter	5.72
	Length	41.40
Bush	Outside Diameter	8.10
	Length	15.45
Roller	Outside Diameter	12.07
	Length	11.65
Inner Plate	Thickness	1.76
	Width	15.70
Outer Plate	Thickness	1.76
	Width	14.50
Inter Plate	Thickness	1.76
	Width	14.50

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Certified by: Quality Manager	Date
Cara Ai	2021/5/6

Renold Continental Limited
Registered No: 185145
Bredastraat 123
2060 Antwerpen, Belgium