

# RBL<sup>®</sup>

## Premium

**+30%**

**Powerful Performance**

The highest quality roller chain in the world just got stronger

### Maximum Allowable Loads

Chain No.	Competitor (Lbs)
16B	2 832
20B	4 406
24B	6 182
28B	7 711
32B	8 812

**30%UP**

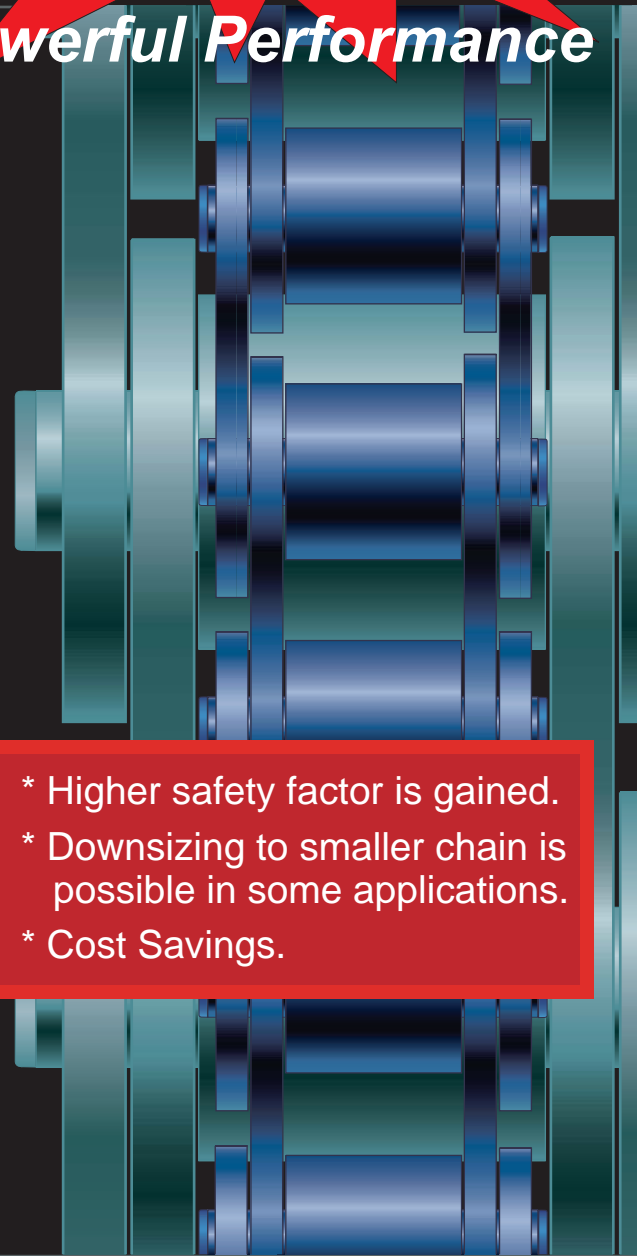
RBL Premium (Lbs)
3 684
5 732
8 025
10 004
11 465

Chain No.	Competitor (Lbs)
80	3 305
100	5 080
120	6 834
140	9 037
160	11 914
180	13 668
200	16 096
240	22 255

**30%UP**

RBL Premium (Lbs)
4 294
6 609
8 880
11 757
15 511
17 759
20 906
29 000

- \* Higher safety factor is gained.
- \* Downsizing to smaller chain is possible in some applications.
- \* Cost Savings.





# The Longest Chain Life

## Significantly longer wear life

Conventional split bushings deform into a barrel shape when side plates are pressed on, leaving only two-point contact area. RBL Premium chain (Solid Bushing & Roller) has extremely cylindrical inside and outside bushing walls resulting in full contact to disperse bearing pressure. Less pressure ensures excellent wear resistance.

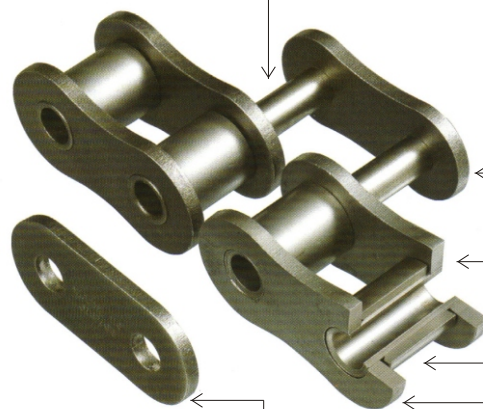
## Up to 2-3 times longer wear life over curled bushings

The curled, split bushings have a seam where tiny space allows lubricant leakage resulting in shorter wear life. RBL Premium has no seam resulting in lower bearing pressure allowing the bushings to retain lubrication, resulting in much longer wear life.

## Reliable performance

RBL Premium is cold-forged from steel rod. Cold-forming process also works with the molecular structure (grain) of the steel running lengthwise in the bushings thereby increasing fatigue strength and preventing bushings from breakage. RBL Premium chains improve performance of transmission with lesser elongation for long period of time.

Patented in: USA, Europe, Australia, Canada by Sugiyama Chain Co., Ltd. Japan.



**Pin:**  
Special surface treatment for improved fatigue strength

**RLP & PLP:**  
Wide waist Link Plate for higher fatigue strength

**Solid Bushing and Solid Roller**

**Connecting link:**  
Specially processed stright side bar connecting link plates maintain the same allowable loads as the chain and make connecting link identification easier

**RLP:**  
Special processing provides higher fatigue strength