

MSR CLASS BUSHED ROLLER STEEL MEAT PACKING CHAIN



K2 ATTACHMENT EVERY PITCH PLATED PLASTIC-LINED ROLLERS

Moline MSR Class Bushed Roller Steel Meat Packing Chain is unique in its design, which accomplishes two very desirable chain design objectives:

- 1) lower coefficient of rolling friction and
- 2) greater corrosion resistance.

The lower friction characteristic means:

- 1) lubrication is not required,
- 2) longer wear due to the wear resistance of plastic lined rollers,
- 3) power saved because the lower coefficient of rolling friction reduces horsepower requirements,
- 4) lower coefficient rolling friction at point of greatest wear enables conveyor centers to be extended with no increase in power requirements.

Greater corrosion resistance results from:

- 1) plastic-lined rollers,
- 2) electro-galvanized plating of rollers, pins, and sidebars,
- 3) stainless steel heat treated bushings, and
- 4) stainless steel wire cotters.

All these factors combine to produce maximum resistance to corrosion for optimum chain performance.

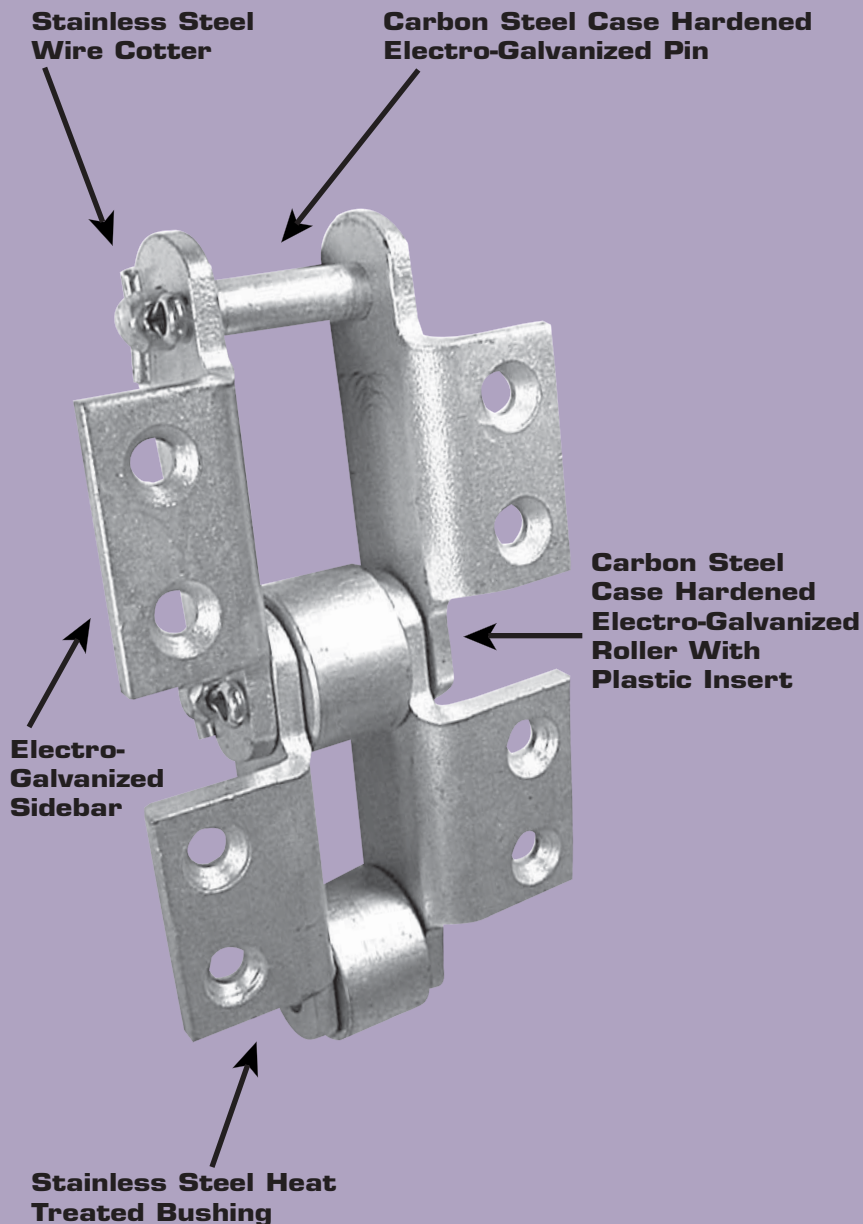
This chain operates smoothly without pulsations.

It is easily cleaned with steam and commercial detergents.

MSR Meat Packing Chain is offered in two pitch sizes: 4.040 inches and 6 inches with K2 attachments every pitch. Each has Average Ultimate Strength of 28,000 pounds and Recommended Working Load of 3,150 pounds.

The fact that this chain originated in the meat packing industry does not confine its application. It is appropriate for many other applications, particularly in the food processing industry where the wet conditions are within the scope of its corrosion resistance, and the lower coefficient of rolling friction contributes to better conveyor performance at a lower cost.

Brutaloy sprockets are available in each size of chain. Sprockets with plastic teeth to further enhance the operating qualities of the chain are also available. We invite your inquiries.



Allied-Locke Industries Inc.
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ORDERING AND APPLICATION DATA

	MOLINE CHAIN NO.	PITCH IN INCHES	LINKS PER 10 FEET	AVERAGE WEIGHT PER FT. LBS.	AVERAGE ULTIMATE STRENGTH LBS.	RECOMMENDED MAXIMUM WORKING LOAD-LBS.	CHAIN AND ATTACHMENT CONSTRUCTION	ATTACHMENT AVAILABLE
4.040" PITCH CHAIN	MSR 3420-K2	4.040	30	11.4	28,000	3,150	Cottered Only	K2 Only
6.000" PITCH CHAIN	MSR 6272-K2	6.000	20	9.2	28,000	3,150	Cottered Only	K2 Only

MOLINE CHAIN NO.	DIMENSIONS IN DECIMAL INCHES									
	PITCH	OVER-ALL WIDTH—COTTERED C	DIAMETER OF PIN D	HEIGHT OF SIDEBARS F	DIAMETER OF ROLLER H	HEAD OF PIN TO CENTER LINE J	END OF PIN TO CENTER LINE COTTERED K	THICKNESS OF SIDEBARS T	DISTANCE BETWEEN SIDEBARS W	LENGTH OF BUSHING X
4.040" PITCH CHAIN										
MSR 3420-K2	4.040	3.25	0.625	1.50	2.00	1.50	1.75	0.31	1.31	1.94
6.000" PITCH CHAIN										
MSR 6272-K2	6.000	3.25	0.625	1.50	2.25	1.50	1.75	0.31	1.31	1.94

MOLINE ATTACHMENT NO.	DIMENSIONS IN DECIMAL INCHES									
	PITCH	A ₁	B ₁	C ₁	D ₁		E ₁	F ₁	G ₁	H ₁
					BOLT DIAMETER	HOLE DIAMETER				
MSR 3420-K2	4.040	4.12	1.27	1.25	0.38	0.44	2.88	1.50	5.38	5.56
MSR 6272-K2	6.000	4.00	2.00	1.38	0.38	0.44	3.50	2.00	5.12	5.31

K2 ATTACHMENT MEASUREMENTS—MSR 3420 AND MSR 6272—FURNISHED EVERY LINK ONLY

MOLINE MSR CLASS MEAT PACKING CHAIN MATERIALS

ROLLER: Carbon Steel Case Hardened
Electro-galvanized

ROLLER INSERT: Plastic

PIN: Carbon Steel Case Hardened
Electro-galvanized

SIDEBARS:

No. MSR 3420—Carbon Steel, Electro-galvanized
No. MSR 6272—Carbon Steel, Electro-galvanized

BUSHINGS: Stainless Steel Heat Treated

COTTER: Stainless Steel Wire Cotter

