

How to Select a Lockrod Model Type

Powerbrace offers a large selection of lockrods to suit a variety of needs for heavy-duty door securement for containers, trailers and truck bodies. We want to help you choose the best lockrod for your needs.

Lockrod assemblies are welded complete with top and bottom cams and lever assembly and include standard mounting components. Special lockrod components are also available, as well as lockrod assembly kits for you to customize a lockrod for your precise needs. To order a lockrod from Powerbrace, please refer to Technical Bulletin #1.

Dual-Lobe Zero-Torque Models

These lockrods provide:

- anti-rack control in all directions
- cam closing in an over-center position so it wedges more tightly closed when pressure is applied against it
- opening leverage to free frozen or stuck doors.

Maximum-Reach

Maximum-Gather Models

These lockrods are designed for high-cube trailers and containers and provide:

- cams that can reach keepers 2-1/4" away from lockrod centerline
- cams and keepers that gather and square-up door panels with mating sloping surfaces
- positive anti-rack protection long-reach cams for opening leverage to free frozen or stuck doors.

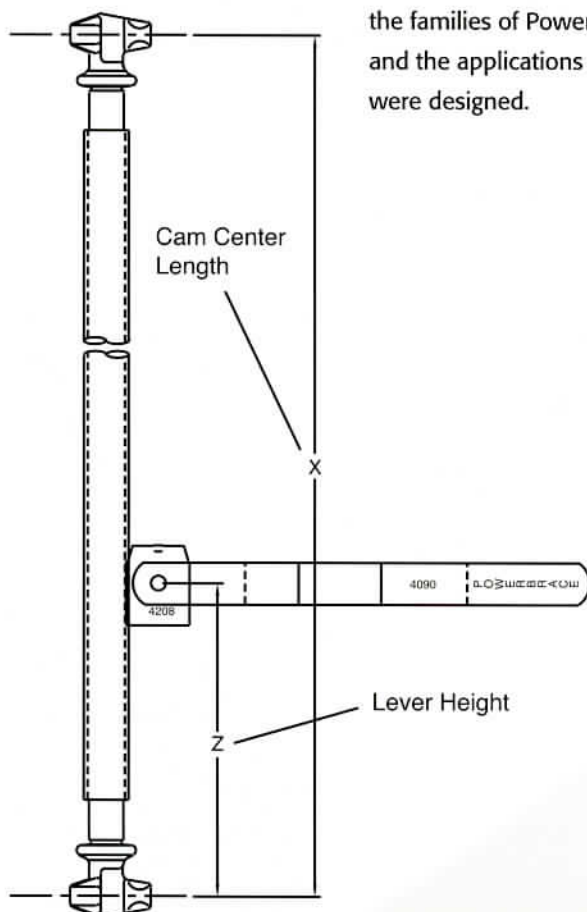
Saddle Cam Models

These cams are designed to slip over the rod and provide:

- simple installation of a top-end-loose lockrod
- easy clamping to hold and weld square to the tube
- economical choice of cam, especially for a customized lockrod from a kit
- medium reach and gather.

Lockrod Models

The following descriptions tell you the families of Powerbrace lockrods and the applications for which they were designed.



How to Select a Lockrod Model Type *(continued)*

Use the following Chart to Select a Lockrod Model Type

If your requirement is:	The solution is Powerbrace Lockrod model type:		
	Lockrod Type		
	Dual-Lobe/ Zero-Torque	Maximum Reach/ Maximum Gather	Saddle Cam
Shifting/AAR requirement	E	G	G
Narrow header	S	E	E
Resistance to dock damage	E	G	S
Anti-racking	E	G	G
Closing a racked container or trailer	G	E	G
Opening frozen (stuck) doors	E	G	S
Stiff seals on doors	G	E	G
Increased security	E	N/A	N/A
Economy (lowest cost)	G	G	E
Special finish stainless	A	A	A
(ISO Requirements) Live cargo trailers	E	S	G

E = Excellent G = Good S = Satisfactory N/A = Not Available A = Available

What Is Most Important about Choosing a Lockrod?

Each of the three Powerbrace lockrod model types is designed for special requirements. Using the chart provided will help you to choose a model that is rated Excellent, Good or Satisfactory for your needs.



For Further Information:

If you have any questions about Lockrod Model Types or any Powerbrace part, please call our Customer Service Department at **262.697.5328**.



Check Our Web site

Additional information is available at www.powerbrace.com.

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