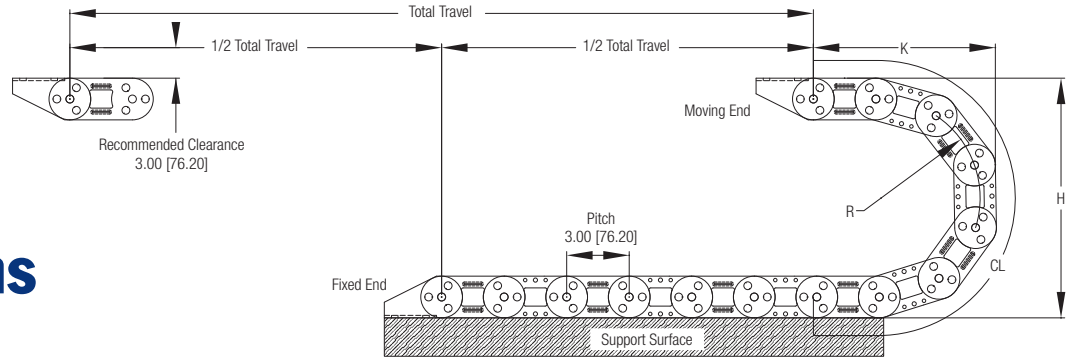


The MRC Series

The MRC series is a medium size metallic carrier. This carrier is a heavy-duty yet lightweight carrier. The MRC series is excellent for mobile construction equipment, machine tools, and heavy-duty industrial applications.

Specifications

Standard Mounting bracket arrangement pictured.
Please consult factory for alternative arrangements



Travel/2 + CL (+ Offset Distance From Center*) = Length

* Gortrac recommends mounting the stationary end of the carrier at the center of travel, minimizing the required length. In cases where center mounting is not possible, add the distance offset from center to the carrier length calculation.

Gortrac® Recommends: 10% Cable Clearance
20% Hose Clearance
60% Maximum Fill

How To Create A Part Number: Model # - Bar Type - Bar Width - Height - Number of Separators - Length"

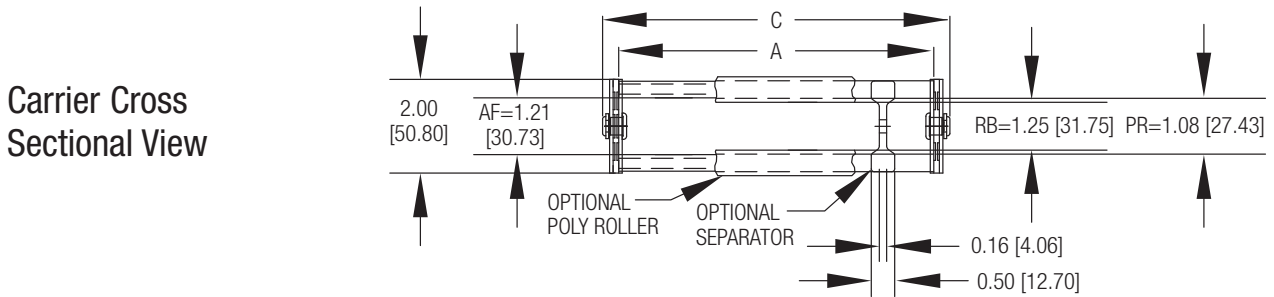
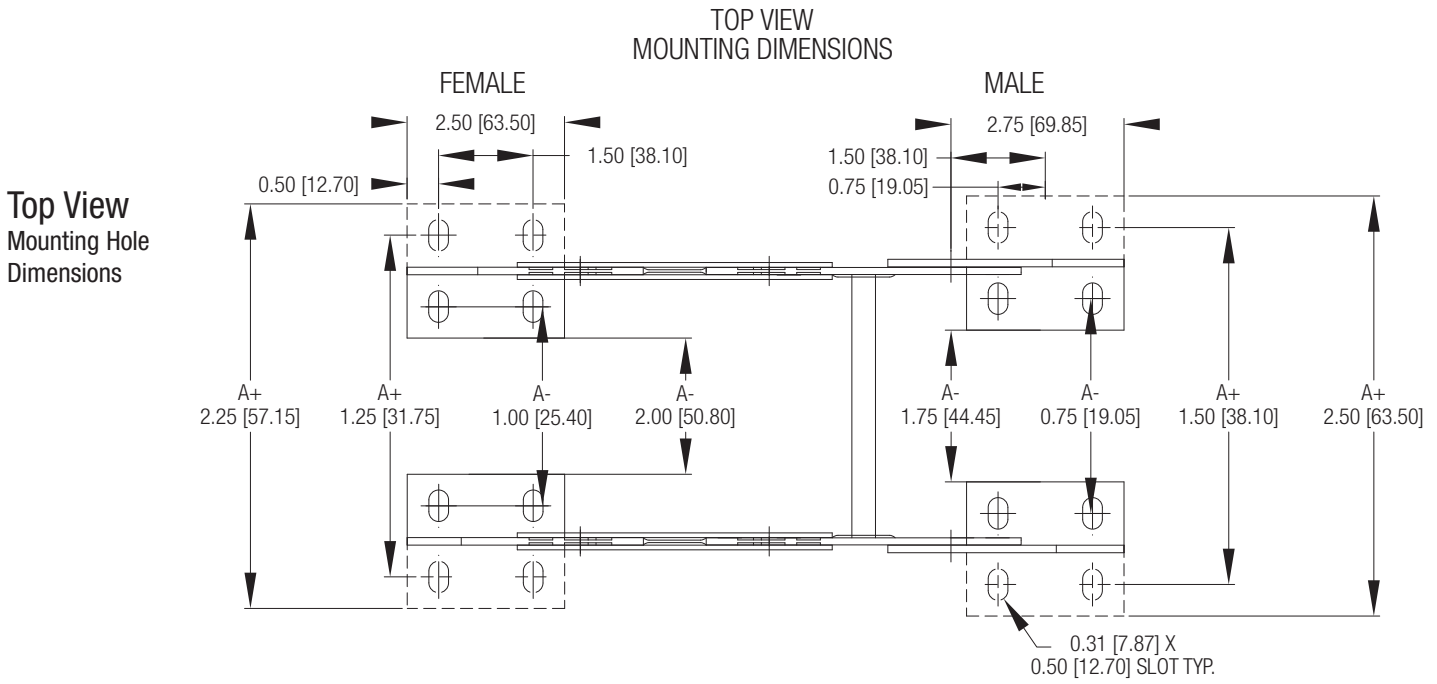
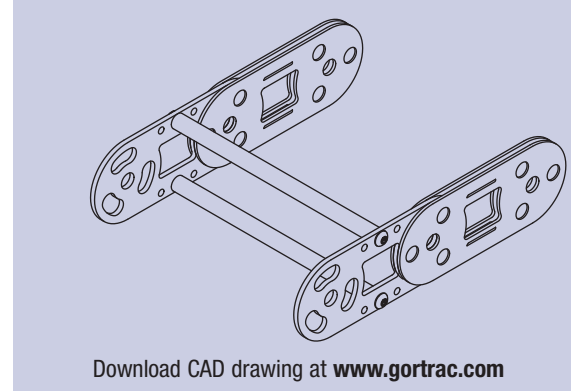
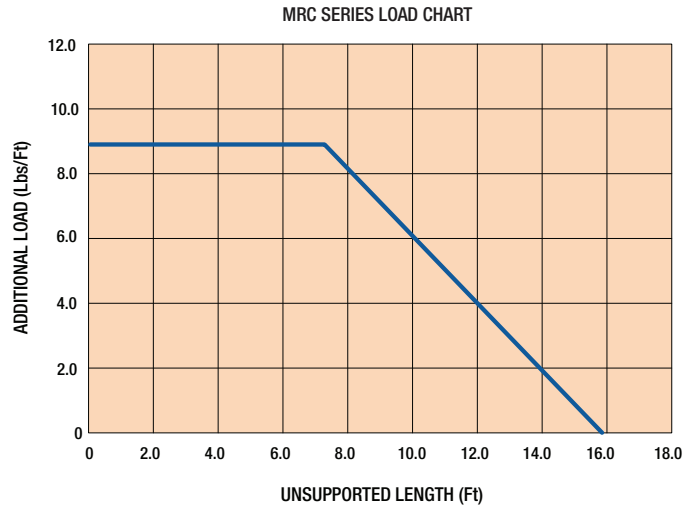
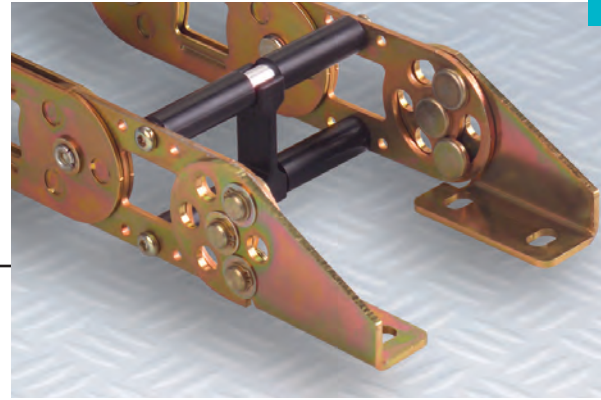
Sample Part #: **MRC-AF-4.00-75-1-90"**

MRC Series Design Guide

Model#	A INCHES/mm	C INCHES/mm	Weight #/ft./KG/m	
MRC	CUSTOMER SPECIFIED	A+0.62/15.75	2.95/4.39	
Cross Bar Styles	RB = Aluminum Round Bar PR = Poly Roller AF = Aluminum Flat Bar			
Height	R INCHES/mm	H INCHES/mm	K INCHES/mm	CL INCHES/mm
75	2.75/69.85	7.50/190.50	7.00/177.80	14.50/368.30
115	4.75/120.65	11.50/292.10	9.75/247.65	23.50/596.90
1325	5.63/143.00	13.25/336.55	9.75/247.65	23.50/596.90
170	7.50/190.50	17.00/431.80	11.75/298.45	29.50/749.30

Vertical Separators

Vertical separators snap into carrier cross bars to provide multiple compartments in a single link. Available in most carriers and in a variety of styles, including stationary and rolling designs, vertical separators can be installed every link, or staggered for economy. When sizing compartments, Gortrac recommends a safety factor of an additional 10% for cables and 20% for hoses.

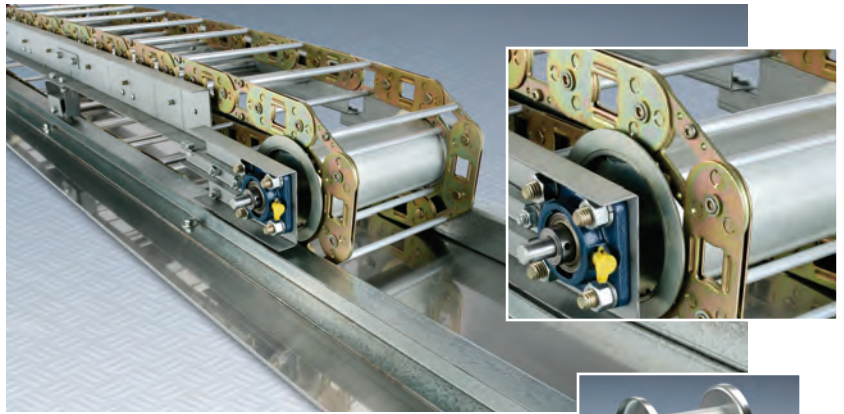


Long Travel

Rolling Carriage

A Rolling Carriage is a support system, originally designed for steel carriers with travels that exceed the limits available with fixed roller supports, or when there are heavy payloads and/or high velocities present. The carriage system consists of rollers, conveyor supports, and a moving framework that supports the carrier throughout the complete length of travel. The entire system is guided by channels that ensure accuracy and dependability, even at extremely high loads and velocities. Gortrac has also developed carriage systems for plastic carriers that require long travel at high speeds and loads:

- **Lightweight:** Reduced tow forces vs. conventional carriage systems
- **Modular:** Easy to add/remove length
- **Easy assembly:** most components are bolted together
- **Quiet:** Urethane wheels used for low noise
- **Use with plastic or steel track**
- **Track drives/returns carriage** without use of cable
- **Self-guiding** for travels under 50 feet. Guide channel required for travels over 50 feet



Support Rollers

Stationary support rollers increase travel capability in applications where a carrier's unsupported span is exceeded. These support rollers are heavy duty, height adjustable, and can increase travel up to 4x unsupported capability. One support roller will provide maximum travel 3x the recommended unsupported span. Two support rollers will provide maximum travel 4x the recommended unsupported span. Consult catalog load charts for unsupported span capabilities. Available for both plastic and metal carrier systems.



How to Order

Travel/2 + Curve Length (+ Offset Distance From Center*) = Length

* Gortrac recommends mounting the stationary end of the carrier at the center of travel, minimizing the required length. In cases where center mounting is not possible, add the distance offset from center to the carrier length calculation.

Gortrac® Recommends: 10% Cable Clearance
20% Hose Clearance
60% Maximum Fill

How To Create A Part Number: Model # - Bar Type - Bar Width - Height - Number of Separators - Length"

Sample Part #: SRC-RB-5.25-110-3-72" LRC-PR-6.00-200-4-100"

1. Determine Gortrac cross section desired. Allow 10% clearance over OD's of enclosed cable and 20% over OD's of hoses to prevent binding.
2. Choose radius (Use manufacturer's suggested cable/hose radius).
3. Determine total track length. See the formula above. If fixed flange is not mounted in center of travel, please send a sketch or drawing.

If Gortrac Part Number is known:

Gortrac Part #: _____

Bracket Information (See Page 7 — Standard arrangement and orientation is 1 + IN)
Please check your **arrangement** and **orientation** selection below:

1 2 3 4 IN OUT

If carrier parameters are known:*

Carrier Radius Preferred: _____

Gortrac Model #: _____

Acceleration: _____ Feet/Sec.² Maximum Machine Travel Speed: _____ Feet/Sec.

Frequency of Travel: _____ Cycles/Hour Total Machine Travel: _____ Inches

Gortrac Length (see the formula above): _____

Cable/Hose Load: _____ Operating Temperature: _____ ° F

Environment: _____

If you are currently using another cable carrier, please specify:*

Model #: _____ Length/# of Links: _____

Contact information:

Date: _____ For Quotation Only: _____

Date Required: _____ Quantity: _____

Order Number: _____

Company Name: _____

Attention: _____

Address: _____

City: _____ State/Prov: _____

Country: _____

Zip/Postal Code: _____

Telephone: _____

Fax: _____

E-Mail: _____

Please fax this completed form to the number listed below.

*More information may be required. A Gortrac representative may contact you.