



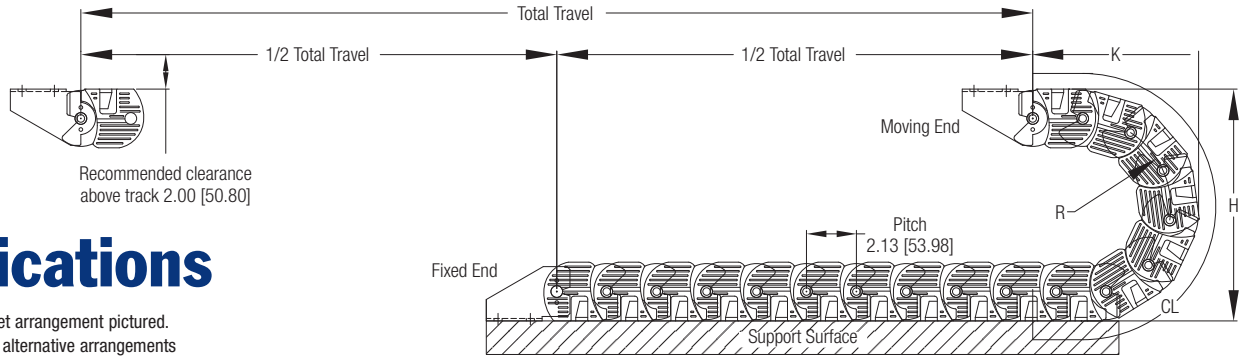
KLE1-10



KLE3-10

The KLE Series

The KLE series is a medium size standard enclosed plastic carrier. A durable design with hinge open bars on the outer radius, the KLE series is excellent for machine tool, heavy duty and long travel 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 - Height - # of Separators - Length"

Sample Part #: **KLE1-10-1-36"**

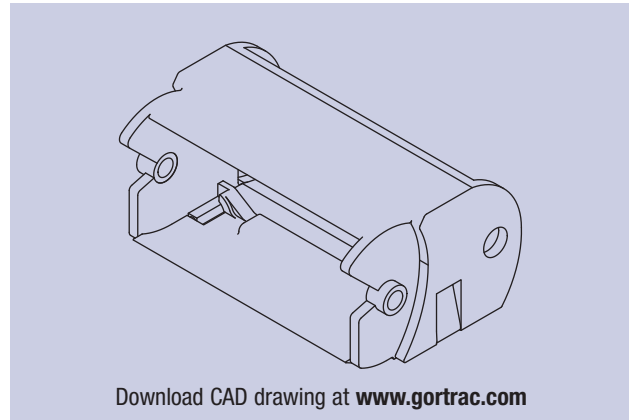
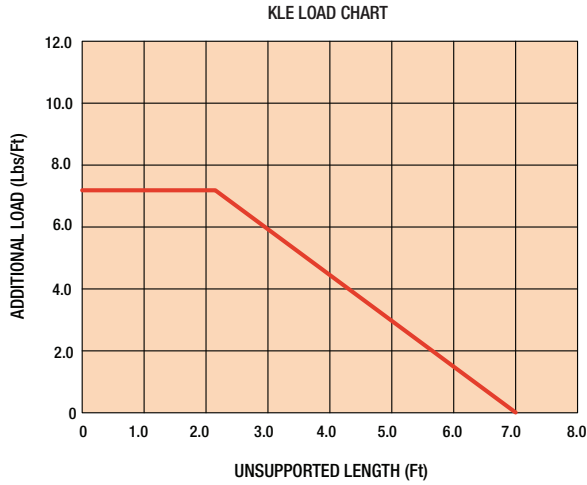
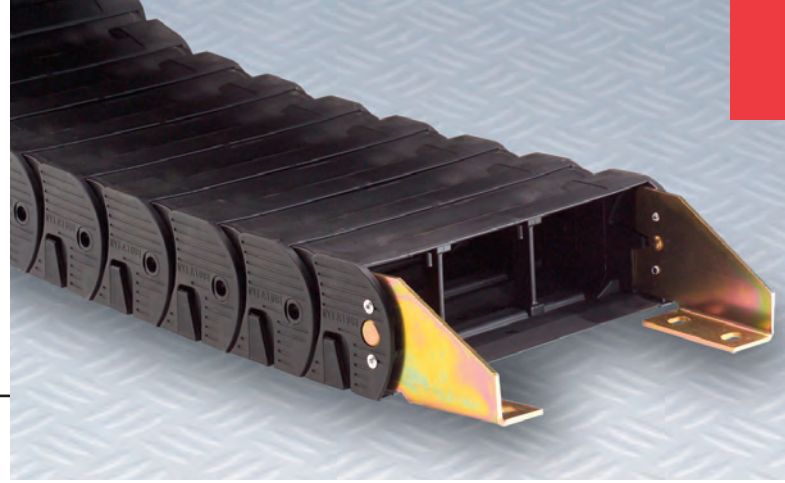
KLE Series Design Guide

Model#	A	C	Q	F	G	Weight
	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm	#/Ft. KG/m
KLE1	3.00/76.20	3.75/95.25	1.19/30.23	4.09/103.89	4.92/124.97	1.25/1.86
KLE2	4.50/114.30	5.25/133.35	1.97/50.04	5.67/144.02	6.42/163.07	1.88/2.80
KLE3	7.00/177.80	7.75/196.85	3.94/100.08	8.03/203.96	8.92/226.57	2.92/4.34

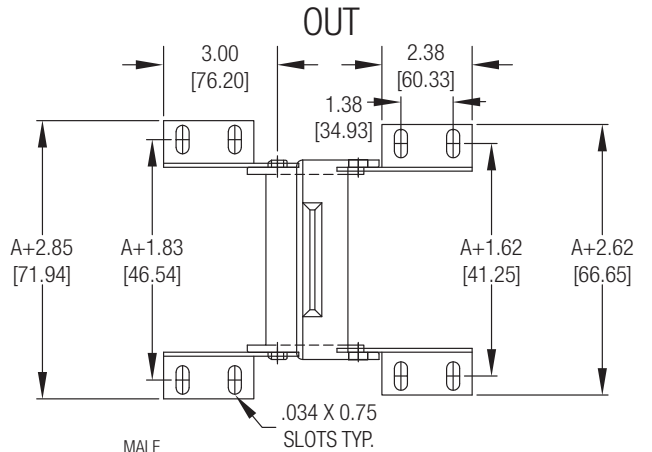
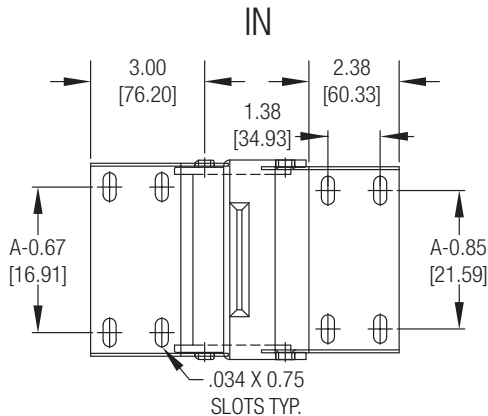
Height	R	H	K	CL
	INCHES/mm	INCHES/mm	INCHES/mm	INCHES/mm
10	3.75/95.25	10.00/254.00	7.13/181.10	14.88/377.95
12	4.75/120.65	12.00/304.80	8.13/206.50	19.13/485.90
14	5.75/146.05	14.00/355.60	9.13/231.90	21.25/539.75
18	7.75/196.85	18.00/457.20	11.13/282.70	27.63/701.80
26	11.75/298.45	26.00/660.40	15.13/384.30	40.38/1,025.65

Vertical Separators

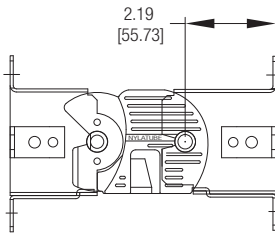
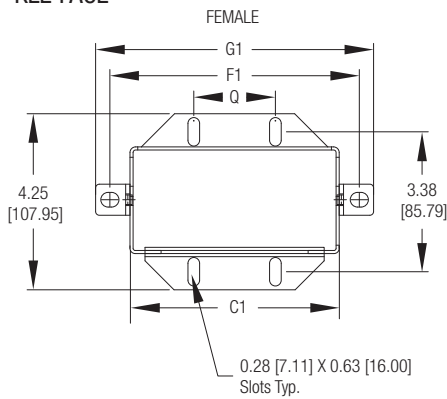
Vertical separators snap into carrier cross bars to provide multiple compartments in a single link. Available in most carriers and in a variety of styles, including stationary and rolling designs, vertical separators can be installed every link, or staggered for economy. When sizing compartments, Gortrac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



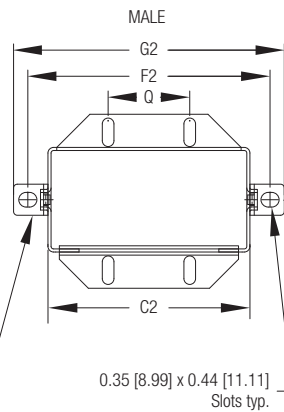
Top View Mounting Hole Dimensions



KLE FACE

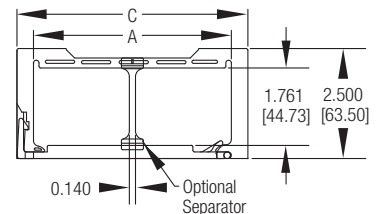


Optional "B" ears available upon request



Model	Q	F1	G1	F2	G2
KLE1	1.19/30.23	4.57/116.08	5.24/133.10	4.35/110.49	5.04/128.02
KLE2	1.97/50.04	6.02/152.91	6.71/170.43	5.85/148.59	6.54/166.12
KLE3	3.94/100.08	8.55/217.17	9.24/234.70	8.35/212.09	9.04/229.62

Carrier Cross Sectional View

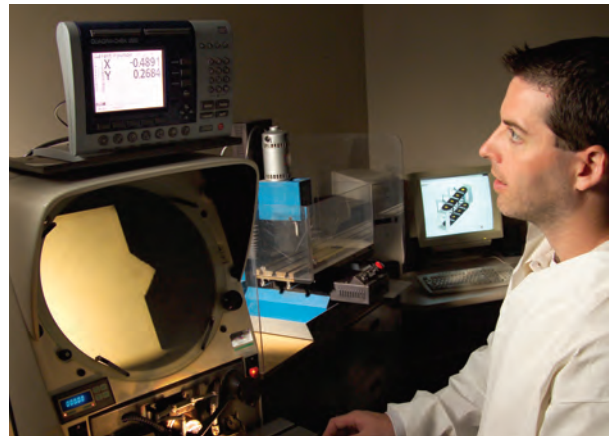




Research & Development

Gortrac constantly engages in research and development. Our goal is continuous improvement in carrier design and manufacturing. Gortrac engineers and technicians employ various tests and research methods to further their knowledge and expertise:

- Fatigue and life cycle testing
- Destructive testing
- Optical comparison of components
- Rapid prototyping
- Designs for special applications
- Materials research and improvement



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 - Height - Bar Width (PR & AF Style Bars only) - # of Separators - Length"

Sample Part #: **KLE1-10-1-36"**

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.