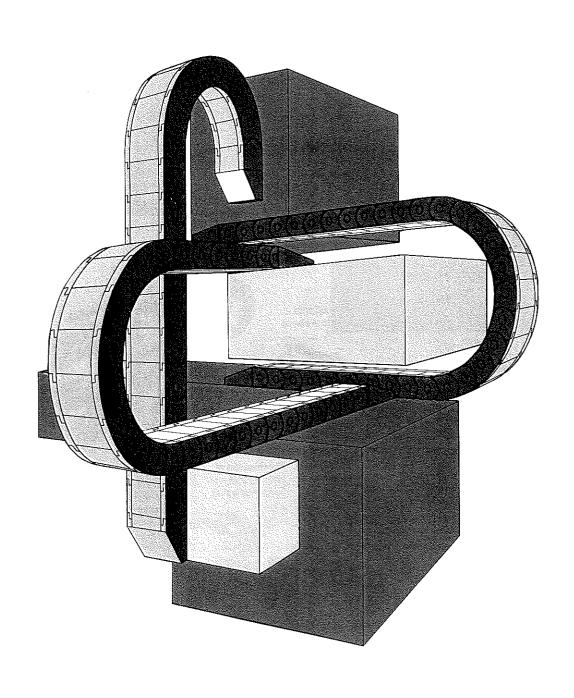


# SNAPTRAC

Nylon Cable and Hose Carriers



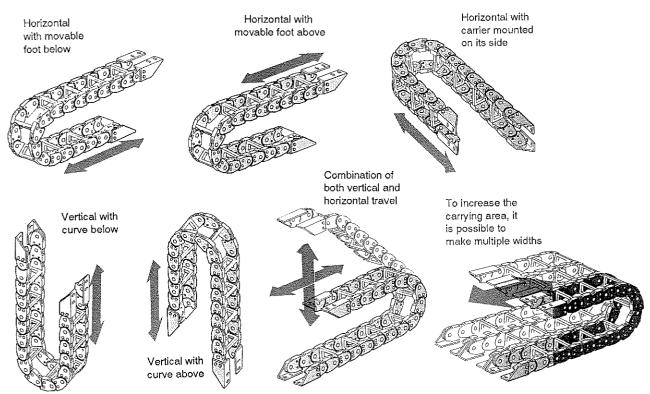
SNAPTRAC Nylon Cable Carriers have been developed to offer a light weight, low cost carrier for protected controlled movement of cables and hoses. This corrosion resistant, nonconductive carrier is made of a long wearing nylon composition.

**SNAPTRAC** can be used with electric, air, gas, or hydraulic hoses.

Nine styles of nylon carriers are available offering solutions to any type of travel. Typical applications for this carrier include robotics, machine tools, and all types of industrial equipment. Our Applications Engineers are at your disposal to study and solve problems related to special or complex applications. This nylon cable and hose carrier has been manufactured in Italy since 1976 by Brevetti Stendalto and is distributed in the United States by MagneTek.



#### **Mounting Variations**



#### **Technical characteristics**

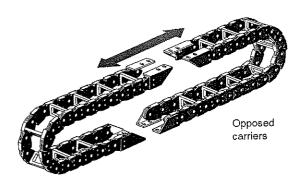
Light and secure, even at high speeds, SNAPTRAC carriers will provide the protection for the components carried inside the carrier. The carrier is durable against harsh corrosive environments as found in refineries and marine applications, chemical fumes, refrigeration fluids, lubricating oils and solvents present in a temperature range from 40C (-40F) to a maximum of 125°C (257F).

#### How to choose a carrier

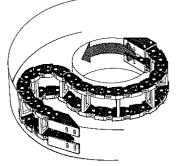
The designer must consider what is the travel length of the carrier required and the travel length available to accomodate the carrier. He must also consider the minimum bending radii of the hose and/or cable to be installed. He then selects the most appropriate carrier to carry the additional load per foot.

## Layout of the cable in the carrier

Observing the allowable minimum bending radii of the hose and/or cable to be carried, it is advisable to add an additional 10%. Cables of small diameter may be grouped together and tied.



Carrier mounted on its side for rotary travel



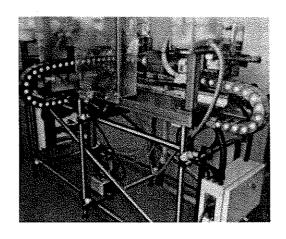
## Assembling and dismantling of the links

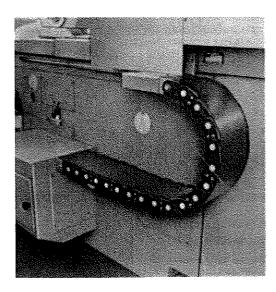
The carriers are sold and delivered complete with mounting attachments; it is always possible to modify the length of the carrier or replace damaged links, quite simply, using a special tool,

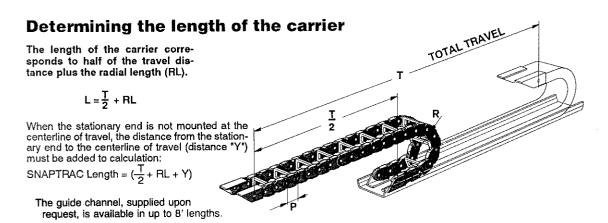


#### **Guide Channel**

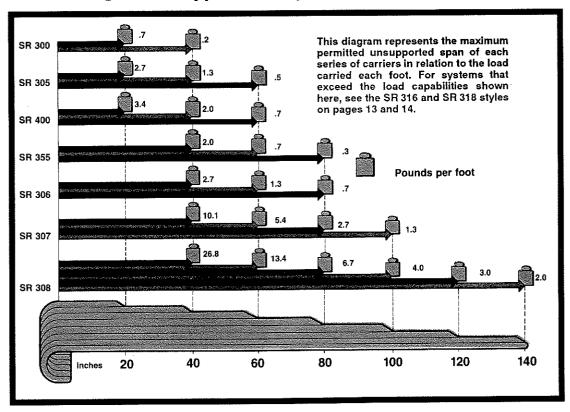
To enable the carrier to work efficiently, it is necessary that the surface of the support is both flat and continuous. Therefore, it is advisable to provide an adequate guide channel which we can supply on request.





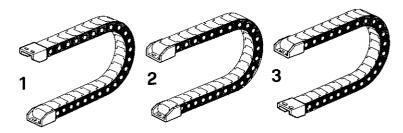


#### **Determining the unsupported length**

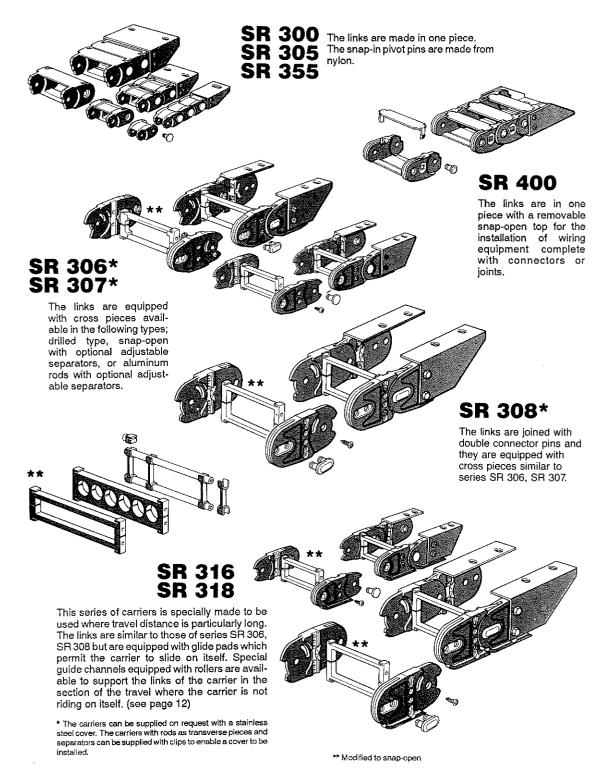


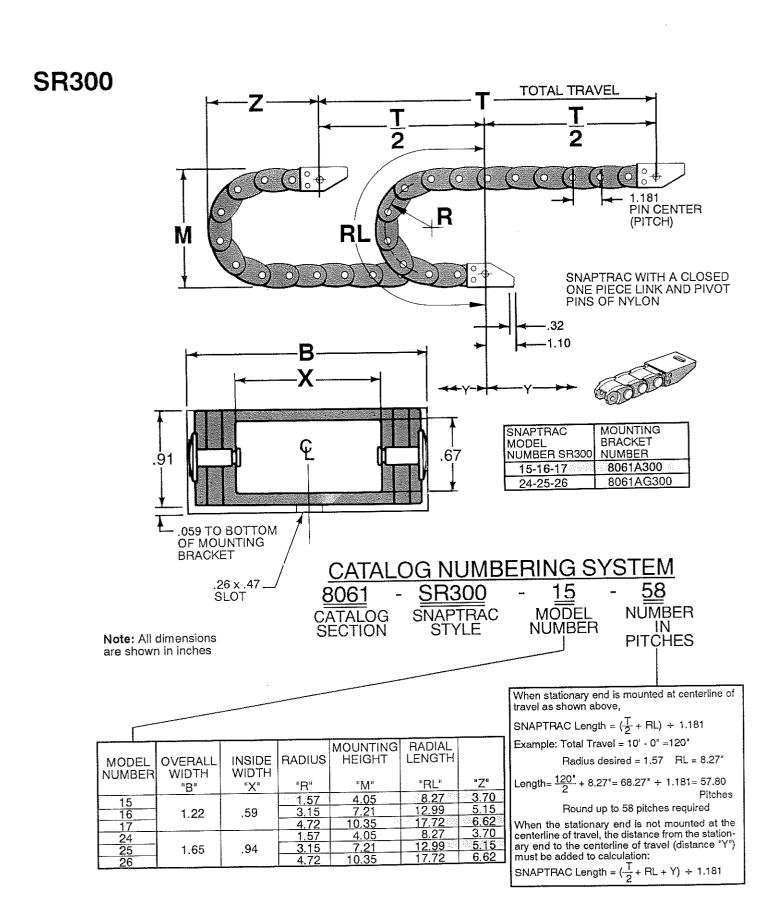
#### Arrangement of mounting brackets

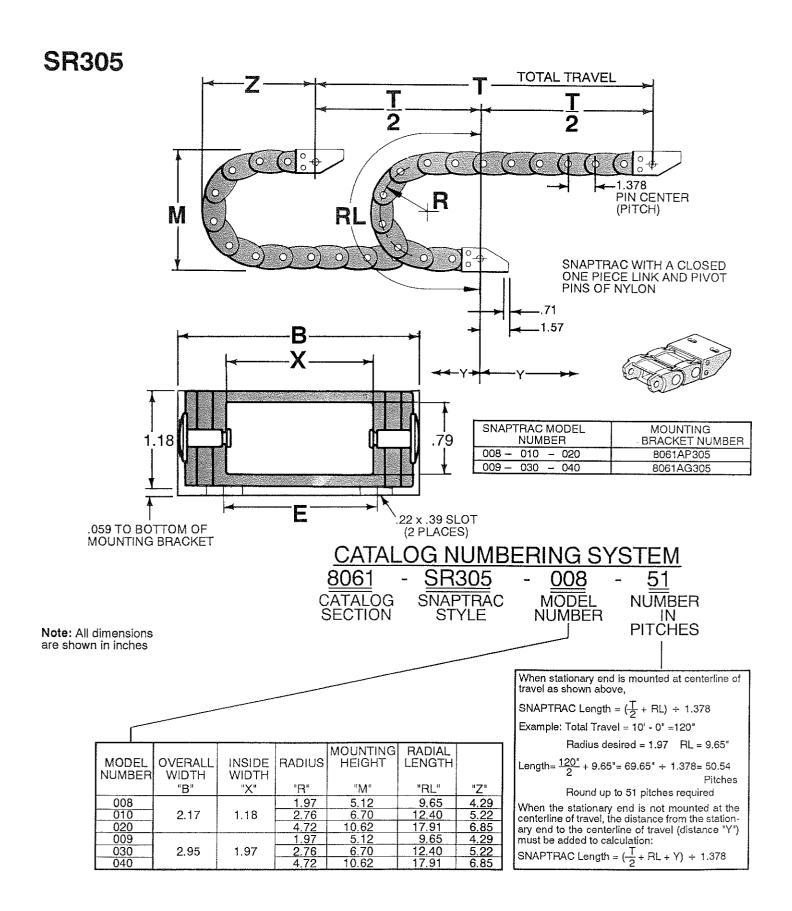
The mounting brackets can be assembled to customer's request. If it is not specified on the order, we will supply arrangement 1.

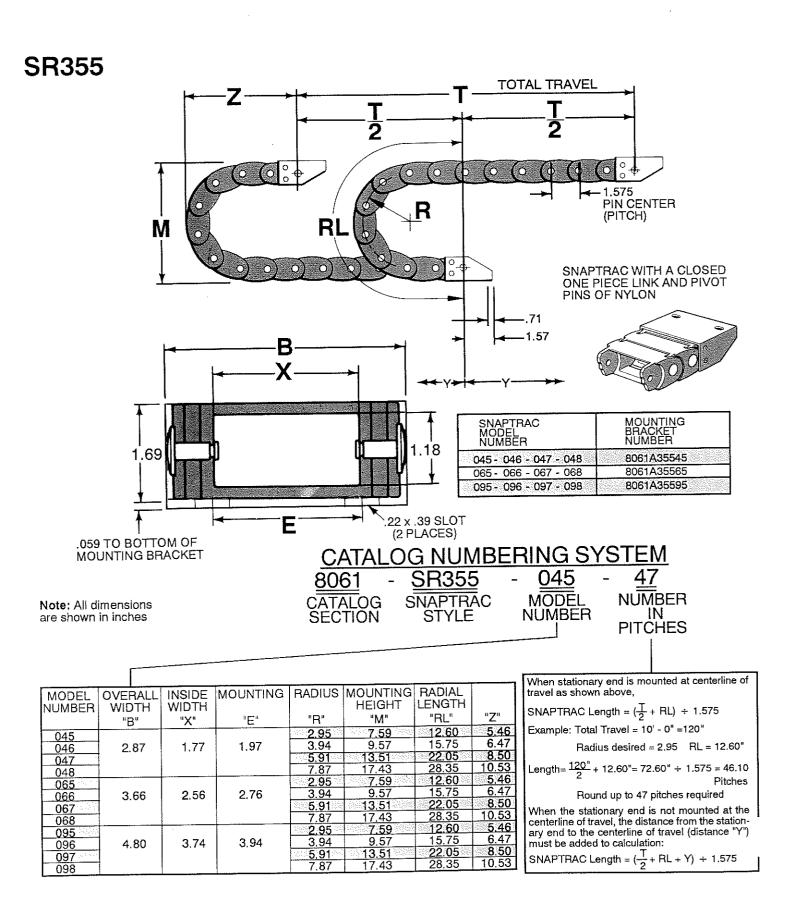


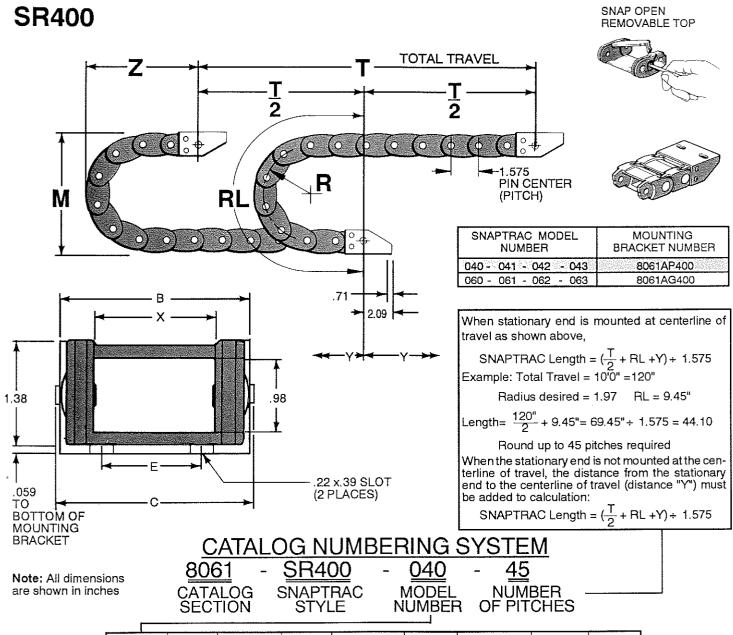
#### Constructional details of each series





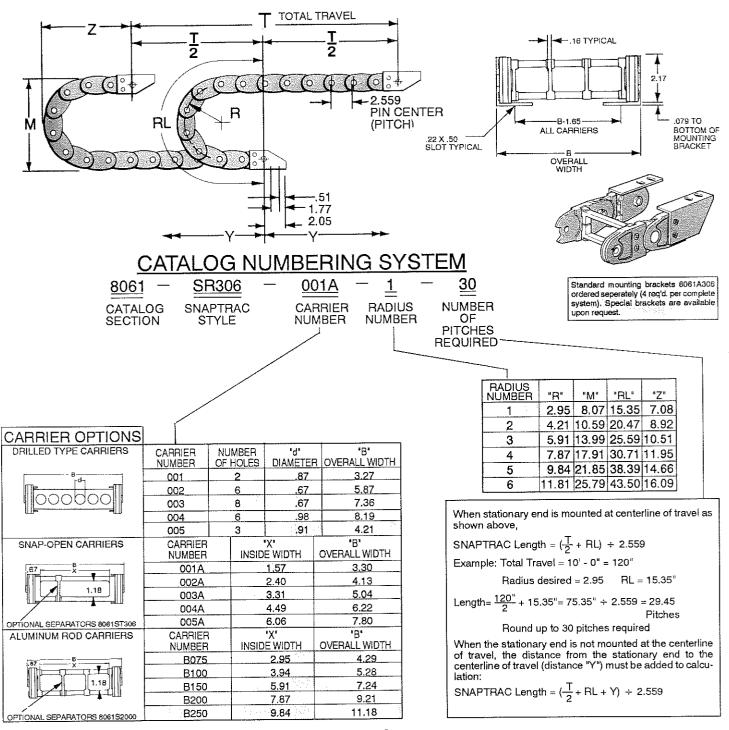






MODEL	TRACK	OVERALL	INSIDE	MOUNTING	RADIUS	MOUNTING	RADIAL	
NUMBER	WIDTH	WIDTH	WIDTH			HEIGHT	LENGTH	
	"B"	"C"	"X"	"E"	"R"	"M"	"RL"	"Z"
040					1.97	5.32	9.45	4.29
041	2.44	2.83	1.57	1,18	2.95	7.28	12.60	5,31
042					3.94	9.26	15.75	6.32
043					5.91	13,20	22.05	<u>8,34</u>
060					1.97	5.32	9.45	4.29
061	3.23	3.62	2.36	1.97	2.95	7.28	12.60	5.31
062					3.94	9.26	15,75	6.32
063					5.91	13.20	22.05	8.34

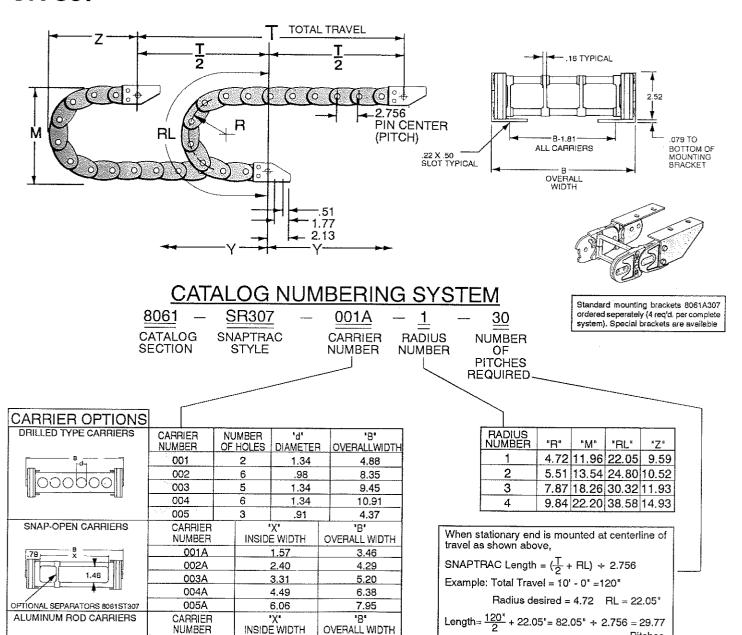
#### **SR 306**



CONSULT MANUFACTURER FOR SPECIAL CARRIERS

NOTE: ALL DIMENSIONS ARE SHOWN IN INCHES

#### **SR 307**



4.53

5.51

7.48

9.45

11.42

B250 CONSULT MANUFACTURER FOR SPECIAL CARRIERS

B075

B100

B150

B200

2.95

3.94

5.91

7.87

9.84

NOTE: ALL DIMENSIONS ARE SHOWN IN INCHES

Pitches

Round up to 30 pitches required

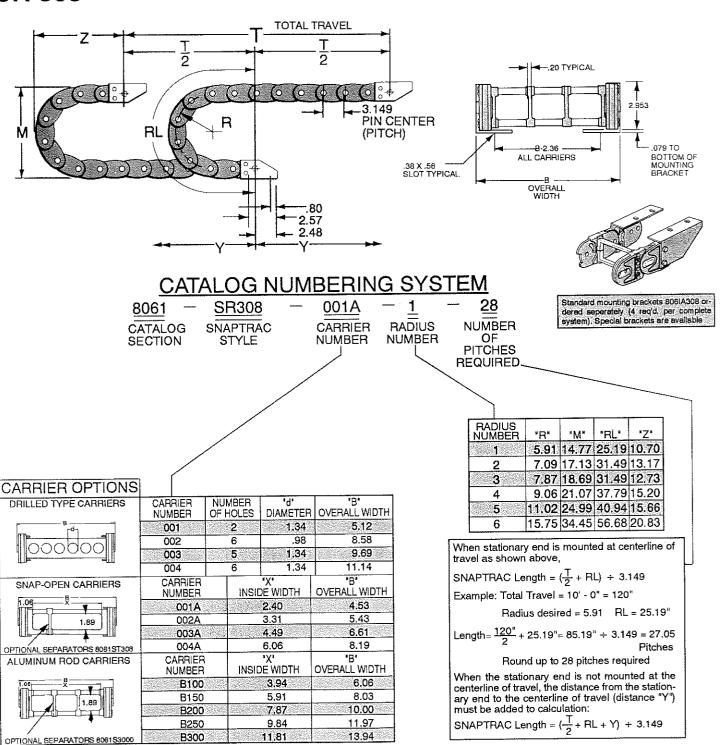
When the stationary end is not mounted at the centerline of travel, the distance from the station-

ary end to the centerline of travel (distance "Y")

SNAPTRAC Length =  $(\frac{T}{2} + RL + Y) \div 2.756$ 

must be added to calculation:

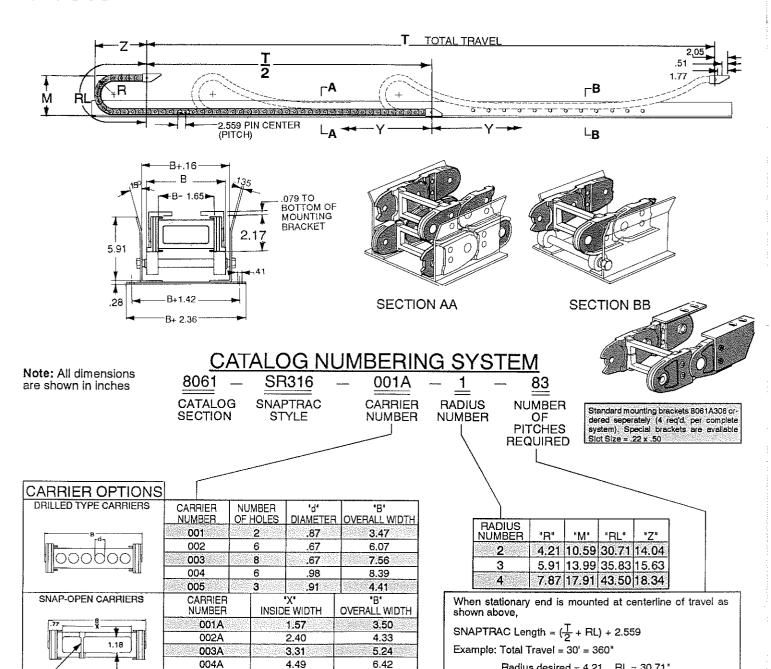
#### **SR 308**



CONSULT MANUFACTURER FOR SPECIAL CARRIERS

Note: All dimensions are shown in inches

#### **SR 316**



5.48

7.44

9.41

8.00 Length=  $\frac{360^*}{2}$  + 30.71\*= 210.71\* ÷ 2.559 = 82.34 **'B**' OVERALL WIDTH **Pitches** 4.49

Round up to 83 pitches required

When the stationary end is not mounted at the centerline of travel, the distance from the stationary end to the centerline of travel (distance "Y") must be added to calculation:

Radius desired = 4.21 RL = 30.71\*

SNAPTRAC Length =  $(\frac{T}{2} + RL + Y) \div 2.559$ 

OPTIONAL SEPARATORS 8061S2000	B250	9.84	11.38
CONSULT MANUF	ACTURER FO	R SPECIAL	CARRIERS

005A

CARRIER

NUMBER

B075

B100

B150 B200

OPTIONAL SEPARATORS 8061ST306

ALUMINUM ROD CARRIERS

6.06

2.95

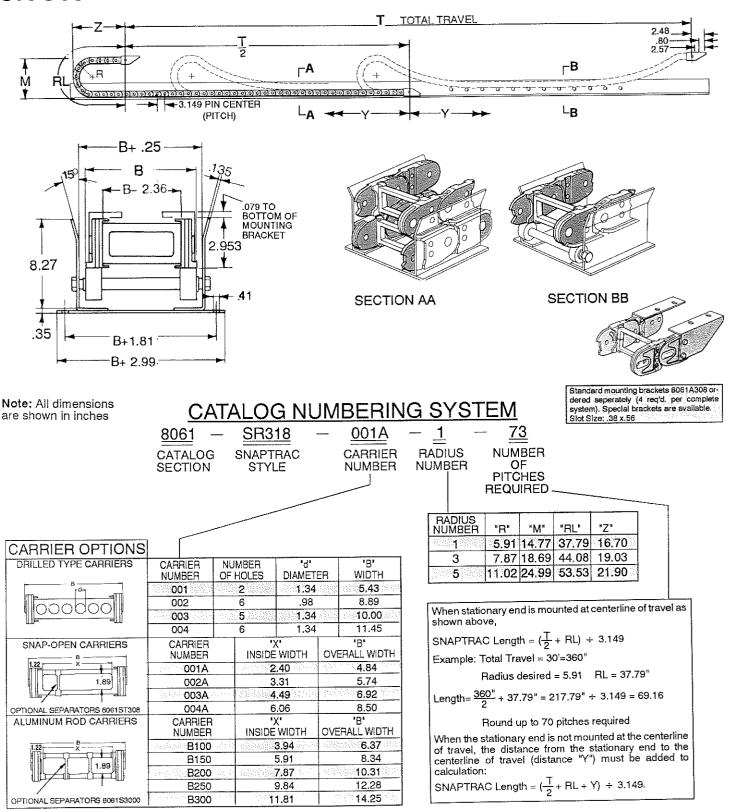
3.94

5.91

7.87

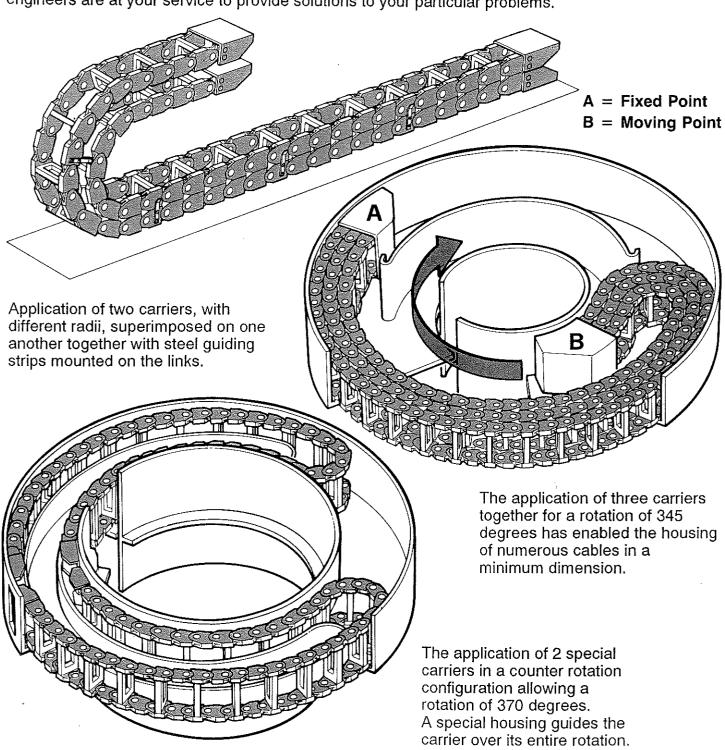
INSIDE WIDTH

#### **SR 318**



# **Special Applications**

**SNAPTRAC** Carriers provide the solution for the supply of services to many moving machines. Our engineers are at your service to provide solutions to your particular problems.

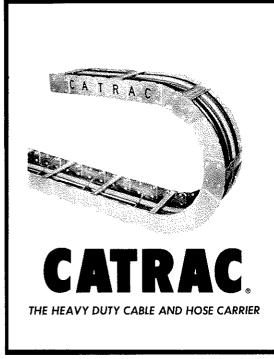


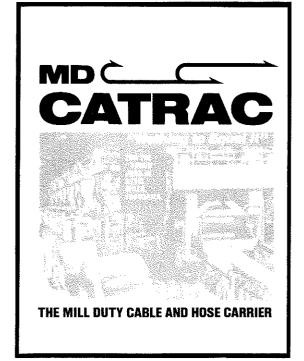
# Cable and Hose Carrier THE COMPLETE LINE TO SERVE YOUR

**CABLE AND HOSE CARRYING NEEDS** 









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