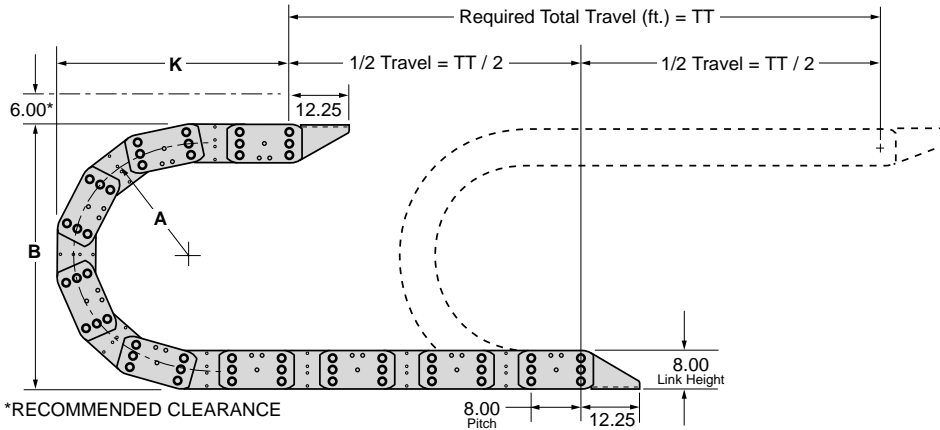


- Heavy Duty or Mill Duty
- High Strength, Low Alloy Steel
- E-type or EF-Type (flanged) Links
- Retaining Ring or Bolted Construction®
- Standard or Custom Radii
- Total Travel w/o Supports = 61.0 ft. ①
- Maximum Speed = 500 fpm
- Maximum Acceleration = 5.0 ft/sec²
- Maximum Cable/Hose O.D. = 5.45"
- PowerTrak Weight Unloaded = 33.14 lbs/ft. ②

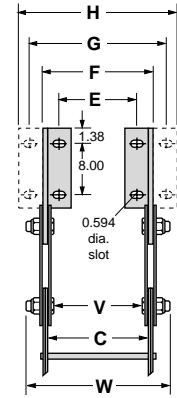
GENERAL LAYOUT

(Dimensions in Inches unless otherwise specified)



MOUNTING BRACKETS

ARRANGEMENT 1



Only mounting bracket arrangement 1 can be used with types PT80E & PT80EF. Please refer to **Mounting Bracket Arrangements** on page 30.

Radius A	Height B	Minimum K	Curve L ④
10.50	29.00	28.00	5.0 ft.
12.50	33.00	29.87	5.5 ft.
19.50	47.00	37.87	7.5 ft.
23.12	54.25	38.80	8.0 ft.

Carrier Width C	Feet Turned IN		Feet Turned OUT	
	Mtg. Location E ± .69	Brkt. O/A F ± .070	Mtg. Location G ± .69	Brkt. O/A H
8.00	5.72	8.54	10.82	12.75
10.00	7.72	10.54	12.82	14.75
12.00	9.72	12.54	14.82	16.75
14.00	11.72	14.54	16.82	18.75
16.00	13.72	16.54	18.82	20.75
18.00	15.72	18.54	20.82	22.75
20.00	17.72	20.54	22.82	24.75
22.00	19.72	22.54	24.82	26.75
24.00	21.72	24.54	26.82	28.75
FORMULA	C - 2.28	C + .54	C + 2.82	C + 4.75

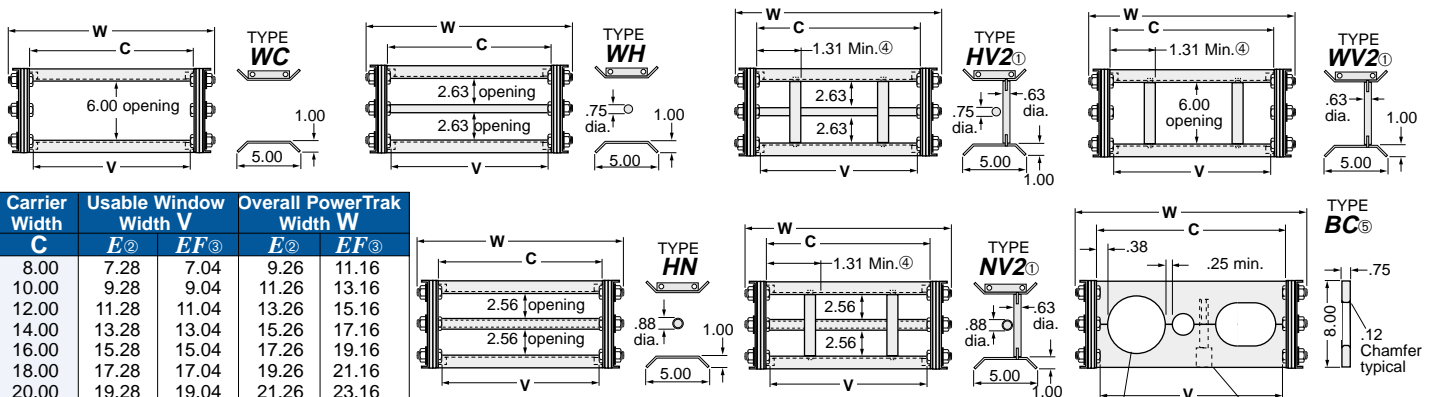
$$\text{Required Length (ft.)}^{\textcircled{3}} = \frac{\text{TT}}{2} + L$$

PowerTrak length will be rounded to "odd" number of links.

NOTES REGARDING TRAK

- ① Based on standard travel with cable/hose package weight of 2.00 lbs/ft.
- ② Based on average carrier weight @ 14.00" width. For detailed information, please see "Weight Calculations".
- ③ Based on standard travel, i.e. two-way payout as pictured above.
- ④ L = minimum length in FEET required to form PowerTrak curve.
- ⑤ Retaining Ring construction standard on Heavy Duty (E-type) PowerTrak. Bolted construction standard on Mill Duty (EF-type) PowerTrak.

CABLE/HOSE CARRIER OPTIONS – (Dimensions in Inches)



Carrier Width C	Usable Window Width V		Overall PowerTrak Width W	
	E②	EF③	E②	EF③
8.00	7.28	7.04	9.26	11.16
10.00	9.28	9.04	11.26	13.16
12.00	11.28	11.04	13.26	15.16
14.00	13.28	13.04	15.26	17.16
16.00	15.28	15.04	17.26	19.16
18.00	17.28	17.04	19.26	21.16
20.00	19.28	19.04	21.26	23.16
20.00	21.28	21.04	23.26	25.16
24.00	23.28	23.04	25.26	27.16
Formula	C - 0.72	C - 0.96	C + 1.26	C + 3.16

Mill Duty (EF-Type) with standard bolted construction shown. Heavy Duty (E-Type) has pins with retaining ring standard. Dimensions vary slightly. See page 4 and notes below.

6.50" Maximum, 0.50" Minimum Hole Diameter
Carrier widths greater than 12.00" require a .50" space for central fastener.

NOTES REGARDING CARRIERS

- ① Numeral "2" refers to number of vertical separators desired (2 = two separators, 3 = three separators, etc.). Number must be included in the model number when ordering.
- ② Bolted option for PT80E (PT80EB) alters dimensions slightly: V = C - 0.96 and W = C + 3.16.
- ③ Retaining Ring option for PT80EF (PT80EFP) alters dimensions slightly: V = C - 0.72 and W = C + 2.24.
- ④ Separators adjustable in 1.00" increments.
- ⑤ Custom milled carriers. Maximum hole diameter = 6.50". Minimum hole diameter = 0.50". Consult factory for slotted openings.