

# Thomson 400 Series Express

Thomson now stocks the most popular 400 Series Profile Linear Guide and Rail SKUs, ready for same- and next-day shipment from our Marengo, IL, facility.

*Get your ideal linear solution – real fast.*

PART NUMBER	DESCRIPTION
411N15A0	400 SERIES BALL STANDARD FLANGED CARRIAGE
411N15C0	400 SERIES BALL STANDARD NARROW CARRIAGE
411N20A0	400 SERIES BALL STANDARD FLANGED CARRIAGE
411N20C0	400 SERIES BALL STANDARD NARROW CARRIAGE
411N25A0	400 SERIES BALL STANDARD FLANGED CARRIAGE
411N25C0	400 SERIES BALL STANDARD NARROW CARRIAGE
411N30A0	400 SERIES BALL STANDARD FLANGED CARRIAGE
411N35A0	400 SERIES BALL STANDARD FLANGED CARRIAGE
421N15ARL4000	400 SERIES STANDARD BALL RAIL W/THROUGH HOLES, TOP MOUNTED
421N20ARL4000	400 SERIES STANDARD BALL RAIL W/THROUGH HOLES, TOP MOUNTED
421N25ARL4000	400 SERIES STANDARD BALL RAIL W/THROUGH HOLES, TOP MOUNTED
421N30ARL4000	400 SERIES STANDARD BALL RAIL W/THROUGH HOLES, TOP MOUNTED
421N35ARL4000	400 SERIES STANDARD BALL RAIL W/THROUGH HOLES, TOP MOUNTED

## Attention Machine Builders...

- These are the **most common carriage styles** with matched rails, ready to ship.
- Thomson 400 Series profile rails provide the **“just-right” fit** for your application with genuine Thomson quality.
- **Drop-in replacement** product for common alternatives. See the next page for a competitive cross reference chart.
- Enhanced Kanbans have these carriages and rails stocked in Marengo for same- and next-day shipments.
  - Immediate shipments limited to 25 carriages per order per SKU
  - Rail shipments limited to 10 cuts per order per SKU
    - > Will ship the same day if order is placed prior to 12pm CT; otherwise ships next day
    - > Rail lengths more than 2500 mm will ship next day freight
- Accessories available to ship within two days. Expedited special machining available.



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## Competitive Cross Reference

- The 400 Series stocking program provides drop-in replacements for THK carriage styles C and V; sizes 15, 20, 25, 30 and 35mm with clearance preload.
- Other requested styles and sizes also available. Call Thomson Support at 540-633-3549 for more information.

THK SHS LM GUIDE TO THOMSON 400 SERIES BALL CAGE PROFILE RAIL INTERCHANGE SHEET	
<p><b>Assembly Part Number</b></p> $\frac{\text{SHS}}{1} \frac{25}{2} \frac{\text{LC}}{3} \frac{2}{4} \frac{\text{DD}}{9} \frac{\text{C1}}{5} + \frac{1200\text{L}}{7} \frac{\text{H}}{6}$	<p><b>Carriage Part Number</b></p> $\frac{(2)}{4} \text{ pcs } \frac{411^*}{1} \frac{\text{H}}{6} \frac{25}{2} \frac{\text{B}}{3} \frac{1}{5} \frac{\text{W}}{9}$ <p>and</p> <p><b>Rail Part Number</b></p> $\frac{(1)}{4} \text{ pc } \frac{421}{1} \frac{\text{H}}{6} \frac{25}{2} \frac{\text{A}}{8} \frac{1200}{7}$
<p><b>Carriage Part Number</b></p> $\frac{\text{SHS}}{1} \frac{25}{2} \frac{\text{LC}}{3} \frac{2}{4} \frac{\text{SS}}{9} \frac{\text{C1}}{5} \frac{\text{H}}{6} \text{ (GK) BLOCK}$	<p><b>Carriage Part Number</b></p> $\frac{411^*}{1} \frac{\text{H}}{6} \frac{25}{2} \frac{\text{B}}{3} \frac{1}{5}$
<p><b>Rail Part Number</b></p> $\frac{\text{SHS}}{1} \frac{25}{2} \frac{-1200\text{L}}{7} \frac{\text{H}}{6} \text{ (GK) RAIL}$	<p><b>Rail Part Number</b></p> $\frac{421}{1} \frac{\text{H}}{6} \frac{25}{2} \frac{\text{A} + 1000}{8} \frac{7}{7}$

1. TYPE	
THK	THOMSON 400 SERIES
Carriage - SHS Rail - SHS	Carriage - 411* Rail - 421
2. SIZE	
THK	THOMSON 400 SERIES
15 20 25 30 35 45 55 65	15 20 25 30 35 45 55 N/A
3. CARRIAGE STYLE	
THK	THOMSON 400 SERIES
C LC V LV R LR	A B C D E F
4. CARRIAGES PER RAIL	

5. PRELOAD	
THK	THOMSON 400 SERIES
blank C1 C0	0 1 N/A
6. ACCURACY	
THK	THOMSON 400 SERIES
blank H	N H
7. LENGTH	
THK	THOMSON 400 SERIES
xxxxL	xxxx
8. RAIL STYLE	
THK	THOMSON 400 SERIES
blank K	A U
9. SEALS	
THK	THOMSON 400 SERIES
UU SS DD ZZ KK	blank (standard) blank (standard) W Z WZ

\* Thomson 400 Series carriages are available in both ball (411) and ball cage (413) design, whereas THK SHS carriages are available only in cage design. Thomson 400 Series ball carriages can be substituted for THK SHS carriages if the application does not require low noise at high speeds. Ball carriages are more economical and dimensionally interchangeable to THK SHS carriages. When selecting the carriage type, 413 can be replaced by 411 to change from ball cage to ball type.