



UNION CHAIN DIVISION - SPECIALTY CHAINS

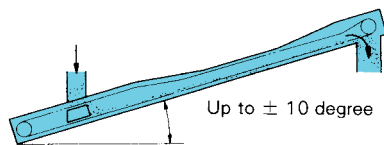
A - ENGINEERING CLASS CHAINS

Flow Conveyor Chains

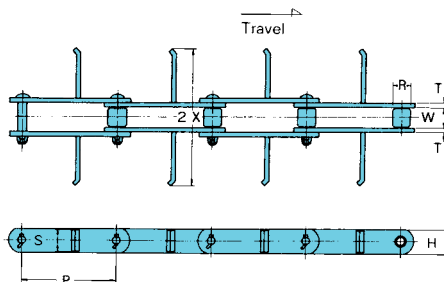
This chain is based on standard conveyor chain. Various types of standardized attachments are available for suitability with the conveyed material. The materials of the standard chain are identical to the DT (Basic) Series or AT Series, but other series are also available upon request.

| Attachment | Application |
|---------------------------|--|
| L | Conveying grain or cement |
| KL | Conveying adhesive powder |
| B (round) | Conveying powdered material like flour or cements at higher conveying efficiency than L attachment |
| B (square) | Conveying massive, powdered, or adhesive materials that are hard to convey with B (round) attachment |
| U ₂ V (round) | A larger conveyor than L, KL, B, or for an upgrade |
| U ₂ V (square) | Conveying massive, powdered, or adhesive materials that are hard to convey with U ₂ V (round) |

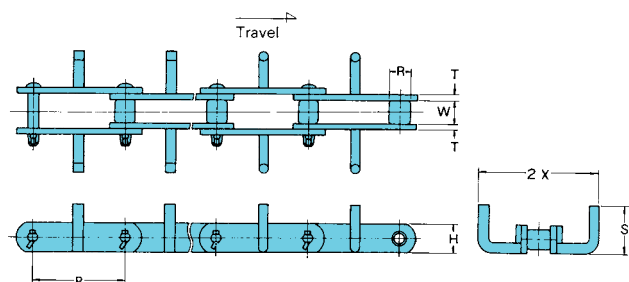
RF Conveyor Chain for FC Type Horizontal Flow Conveyor



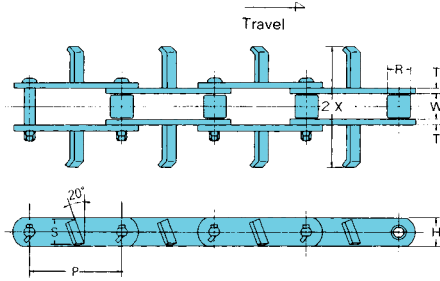
"L" Attachment



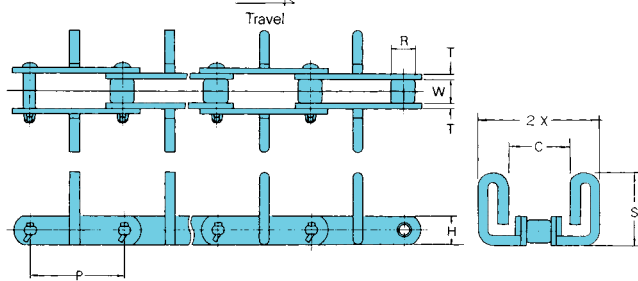
"B" (square) and "B" (round) Attachments



"KL" Attachment



"U₂V" (square) and "U₂V" (round) Attachments



RF Flow Conveyor Specifications

All dimensions are in inches unless otherwise indicated.

| Chain Number | Former Chain Number | Flow Model Number | Pitch | Roller Diameter | Width Between Roller Link Plates | Link Plate | | Attachment |
|--------------|---------------------|-------------------|--------|-----------------|----------------------------------|------------|-------|------------|
| | | | | | | H | T | |
| | | | P | R | W | H | T | 2X |
| RF10125-M | F6, FA6 | FC200 | 4.921 | 1.252 | 1.181 | 1.500 | .248 | 7.283 |
| RF10150-M | | FC270 | 5.905 | 1.252 | 1.181 | 1.500 | .248 | 9.843 |
| RF6205-M | | FC270 | 6.000 | 1.500 | 1.461 | 1.752 | .311 | 9.843 |
| RF12200-M | | FC350 | 7.874 | 1.500 | 1.461 | 1.752 | .311 | 12.992 |
| RF17200-M | | FC350 | 7.874 | 1.752 | 2.024 | 2.000 | .374 | 12.992 |
| RF17250-M | F8, FA8 | FC450 | 9.842 | 1.752 | 2.024 | 2.000 | .374 | 16.929 |
| RF26200-M | | FC410 | 7.874 | 2.000 | 2.252 | 2.500 | .374 | 15.354 |
| RF26250-N | | FC450 | 9.842 | 2.000 | 2.252 | 2.500 | .374 | 16.929 |
| RF26300-N | | FC580 | 11.811 | 2.000 | 2.252 | 2.500 | .374 | 15.354 |
| RF36300-M | | F12 | FC580 | 11.811 | 2.252 | 2.626 | 3.000 | .500 |
| RF36300-N | FA12 | FC580 | 11.811 | 2.252 | 2.626 | 3.000 | .500 | 22.047 |

RF Flow Conveyor Attachment Specifications

| Chain Number | L Attachment | | KL Attachment | | B Attachment | | U ₂ V Attachment | | Avg. Tensile Stgth. | | |
|--------------|--------------|---------------------------|---------------|---------------------------|--------------|---------------------------|-----------------------------|-------|---------------------------|--------------------------|------------------|
| | S | Approx. Weight (lbs./ft.) | S | Approx. Weight (lbs./ft.) | S | Approx. Weight (lbs./ft.) | S | C | Approx. Weight (lbs./ft.) | DT (Basic Series (lbs.)) | AT Series (lbs.) |
| | | | | | | | | | | | |
| RF10125-M | 1.339 | 5.44 | 1.339 | 5.44 | 3.150 | 5.98 | 4.528 | 3.346 | 6.92 | 25,300 | 50,600 |
| RF10150-M | 1.339 | 5.44 | 1.339 | 5.44 | 3.937 | 6.59 | 5.512 | 4.134 | 8.53 | 25,300 | 50,600 |
| RF6205-M | 1.575 | 8.06 | 1.575 | 8.06 | 3.937 | 8.33 | 5.512 | 4.134 | 10.48 | 41,800 | 62,700 |
| RF12200-M | 1.575 | 8.06 | 1.575 | 8.06 | 4.921 | 9.14 | 7.283 | 5.118 | 12.36 | 41,800 | 62,700 |
| RF17200-M | 1.811 | 11.42 | 1.811 | 11.42 | 4.921 | 11.76 | 7.283 | 5.118 | 14.99 | 55,000 | 86,900 |
| RF17250-M | 1.811 | 10.95 | 1.811 | 10.95 | 6.299 | 12.63 | 9.055 | 5.315 | 15.93 | 55,000 | 86,900 |
| RF26200-M | 2.283 | 18.81 | 2.283 | 18.81 | 5.906 | 16.80 | 9.173 | 3.937 | 22.85 | 70,400 | 116,600 |
| RF26250-N | 2.283 | 14.11 | 2.283 | 14.11 | 6.299 | 15.05 | 9.055 | 5.315 | 19.82 | 67,100 | 126,500 |
| RF26300-N | 2.283 | 15.46 | 2.283 | 15.46 | 7.874 | 18.14 | 11.417 | 6.299 | 28.22 | 67,100 | 126,500 |
| RF36300-M | 2.756 | 22.85 | 2.756 | 22.85 | 7.874 | 24.33 | 11.417 | 6.299 | 33.94 | 106,700 | 152,900 |
| RF36300-N | 2.756 | 22.85 | 2.756 | 22.85 | 7.874 | 24.33 | 11.417 | 6.299 | 33.94 | — | 194,700 |

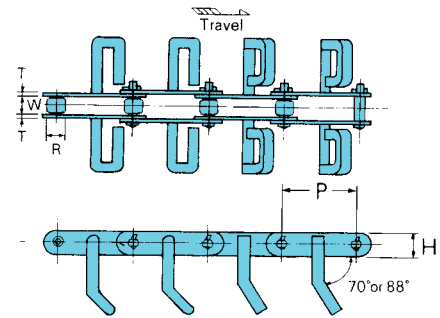
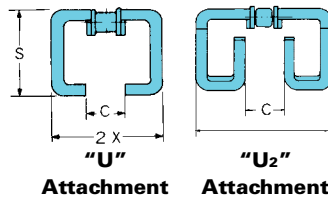
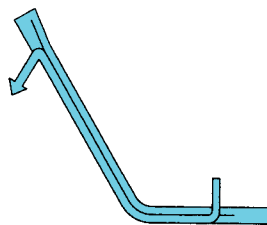
To locate compatible sprockets for your chain, refer to the Product Cross-Reference in Section D.

Note: Dimensions are subject to change. Contact Union Chain to obtain certified prints for design and construction.

UNION CHAIN DIVISION - SPECIALTY CHAINS

A - ENGINEERING CLASS CHAINS

RF Conveyor Chain for LCType Inclined Flow Conveyor



| Attachment | Application | Attachment | Application |
|----------------------|--|-----------------------------------|---|
| U (round steel bar) | for conveying general powdered materials | U ₂ (round steel bar) | for conveying material at higher efficiency than U (round) |
| U (square steel bar) | for conveying massive, powdered, or adhesive materials | U ₂ (square steel bar) | for conveying material at higher efficiency than U (square) |

Specifications

All dimensions are in inches unless otherwise indicated.

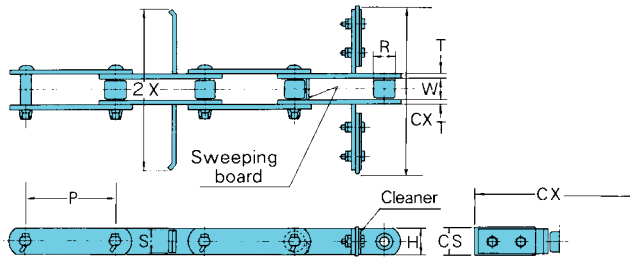
| Chain Number | Former Chain No. | Flow Model No. | Pitch | Roller Dia. | Width Between Roller Link Plates | Link Plate | | "U" Attachment | | | Approx. Wgt. (lbs./ft.) | "U ₂ " Attachment | | Avg. Tensile Stgth. | | |
|--------------|------------------|----------------|--------|-------------|----------------------------------|------------|------|----------------|--------|-------|-------------------------|------------------------------|-------|----------------------------|--------------------|---------|
| | | | | | | H | T | 2X | S | C | | S | C | "DT" (Basic) Series (lbs.) | "AT" Series (lbs.) | |
| RF450W-M | F4,FW4 | 1/8" 160 | 4.000 | 1.000 | 1.063 | 1.252 | .248 | 5.709 | 4.331 | 1.969 | 5.78 | 4.331 | 1.969 | 6.45 | 24,200 | 31,900 |
| RF10125-M | | 1/8" 240 | 4.921 | 1.252 | 1.811 | 1.500 | .248 | 8.858 | 5.512 | 2.559 | 8.74 | 5.512 | 2.559 | 9.95 | 25,300 | 50,600 |
| RF6205-M | F6,FA6 | 1/8" 320 | 6.000 | 1.500 | 1.461 | 1.752 | .311 | 11.811 | 6.890 | 3.150 | 13.10 | 6.890 | 3.150 | 15.05 | 42,000 | 62,700 |
| RF17200-M | | 1/8" 410 | 7.874 | 1.752 | 2.024 | 2.000 | .374 | 15.354 | 8.661 | 3.937 | 17.81 | 8.661 | 3.937 | 20.36 | 55,000 | 86,900 |
| RF26200-M | F8,FA8 | 1/8" 410 | 7.874 | 2.000 | 2.252 | 2.500 | .374 | 15.354 | 8.661 | 3.937 | 20.50 | 8.611 | 3.937 | 22.78 | 70,400 | 116,600 |
| RF26200-N | F8,FA8 | 1/8" 410 | 7.874 | 2.000 | 2.252 | 2.500 | .374 | 15.354 | 8.661 | 3.937 | 20.50 | 8.661 | 3.937 | 22.78 | 67,100 | 126,500 |
| RF36300-M | F12 | 1/8" 500 | 11.811 | 2.252 | 2.626 | 3.000 | .500 | 18.898 | 10.236 | 4.724 | 28.56 | 10.236 | 4.724 | 31.58 | 106,700 | — |
| RF36300-M | F12 | 1/8" 600 | 11.811 | 2.252 | 2.626 | 3.000 | .500 | 22.835 | 12.008 | 5.512 | 31.72 | 12.008 | 5.512 | 35.62 | 106,700 | — |
| RF36300-N | FA12 | 1/8" 500 | 11.811 | 2.252 | 2.626 | 3.000 | .500 | 18.898 | 10.236 | 4.724 | 28.56 | 10.236 | 4.724 | 31.58 | — | 194,700 |
| RF36300-N | FA12 | 1/8" 600 | 11.811 | 2.252 | 2.626 | 3.000 | .500 | 22.835 | 12.008 | 5.512 | 31.72 | 12.008 | 5.512 | 35.62 | — | 194,700 |

To locate compatible sprockets for your chain, refer to the Product Cross-Reference in Section D.

Note: Dimensions are subject to change. Contact Union Chain to obtain certified prints for design and construction.

RF Conveyor Chain for FK Type Flow Conveyor for Grain

This chain is specially designed for horizontal flow conveyors (upgrade or downgrade 10°) that handle grain. The sweeping board prevents material on the rail from being crushed and the cleaner sweeps the material off the case.



Specifications

All dimensions are in inches unless otherwise indicated.

| Chain Number | Flow Model No. | Pitch | Roller Dia. | Width Between Roller Link Plates | Link Plate | | Attachment | | Cleaner | | Approx. Weight (lbs./ft.) | Average Tensile Strength (lbs./ft.) |
|--------------|----------------|-------|-------------|----------------------------------|------------|------|------------|-------|---------|-------|---------------------------|-------------------------------------|
| | | | | | H | T | 2X | S | CX | CS | | |
| RF03075-S | FK110 | 2.952 | .626 | .634 | .866 | .126 | 3.740 | .787 | 4.134 | 1.102 | 1.41 | 6,600 |
| RF430-S | FK150 | 4.000 | .791 | .890 | 1.000 | .189 | 5.315 | .866 | 5.709 | 1.260 | 2.28 | 12,100 |
| RF450-S | FK150 | 4.000 | .874 | 1.063 | 1.126 | .248 | 5.315 | .984 | 5.709 | 1.339 | 3.36 | 17,600 |
| RF08125-S | FK200 | 4.921 | .874 | 1.063 | 1.126 | .248 | 7.283 | .984 | 7.677 | 1.339 | 3.36 | 17,600 |
| RF10125-S | FK200 | 4.921 | 1.142 | 1.181 | 1.500 | .248 | 7.283 | 1.339 | 7.677 | 1.850 | 4.84 | 25,300 |
| RF10125-S | FK240 | 4.921 | 1.142 | 1.181 | 1.500 | .248 | 8.858 | 1.339 | 9.252 | 1.850 | 5.04 | 25,300 |
| RF10150-S | FK270 | 5.905 | 1.142 | 1.181 | 1.500 | .248 | 9.843 | 1.339 | 10.433 | 1.850 | 4.64 | 25,300 |
| RF10150-S | FK320 | 5.905 | 1.142 | 1.181 | 1.500 | .248 | 11.811 | 1.339 | 12.402 | 1.850 | 4.84 | 25,300 |
| RF6205-S | FK270 | 6.000 | 1.374 | 1.461 | 1.752 | .311 | 9.843 | 1.575 | 10.433 | 2.087 | 7.06 | 41,800 |
| RF12200-S | FK350 | 7.874 | 1.374 | 1.461 | 1.752 | .311 | 12.992 | 1.575 | 13.583 | 2.087 | 6.92 | 41,800 |
| RF17200-S | FK350 | 7.874 | 1.579 | 2.024 | 2.000 | .374 | 12.992 | 1.811 | 13.583 | 2.283 | 9.74 | 55,000 |
| RF17200-S | FK450 | 7.874 | 1.579 | 2.024 | 2.000 | .374 | 16.929 | 1.811 | 17.520 | 2.283 | 10.21 | 55,000 |
| RF26200-S | FK450 | 7.874 | 1.752 | 2.252 | 2.500 | .374 | 16.929 | 2.283 | 17.520 | 2.677 | 13.44 | 70,400 |

To locate compatible sprockets for your chain, refer to the Product Cross-Reference in Section D.

Note: Dimensions are subject to change. Contact Union Chain to obtain certified prints for design and construction.

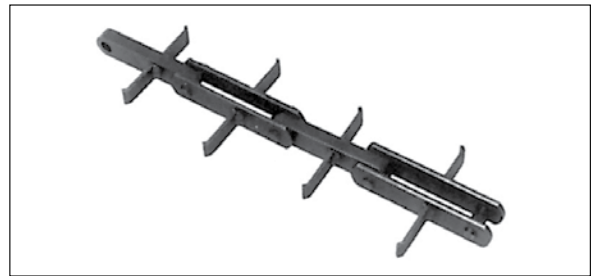


UNION CHAIN DIVISION - SPECIALTY CHAINS

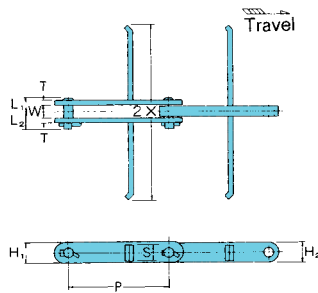
A - ENGINEERING CLASS CHAINS

NF Block Chain for Flow Conveyor

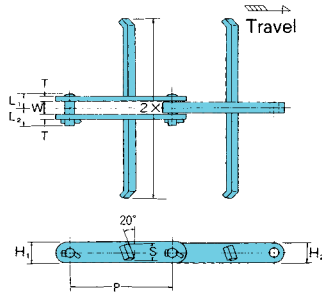
Special alloy steel provides greater tensile strength and this chain's simple construction provides greater allowable wear. This chain is ideal for conveying material that is abrasive, wet, or hot. The base chain consists of outer link plates, inner link plates, and pins. Attachments can be welded onto the base chain.



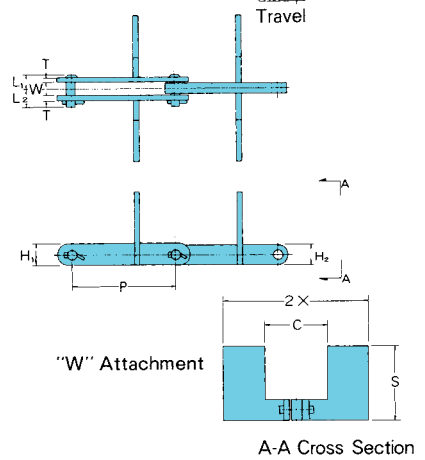
"L" Attachment



"KL" Attachment



"W" Attachment





NF Block Chain Specifications

All dimensions are in inches unless otherwise indicated.

| Chain Number | Pitch | Width Between Outer Link Plates | Link Plate | | | Pin | | Approx. Weight (lbs./ft.) | Average Tensile Strength (lbs./ft.) |
|--------------|-------|---------------------------------|----------------|----------------|------|----------------|----------------|---------------------------|-------------------------------------|
| | | | H ₁ | H ₂ | T | L ₁ | L ₂ | | |
| | P | W | H ₁ | H ₂ | T | L ₁ | L ₂ | | |
| NF30150 | 5.905 | .917 | 1.752 | 1.500 | .311 | .925 | 1.260 | 5.31 | 69,300 |
| NF30200 | 7.874 | .917 | 1.752 | 1.500 | .311 | .925 | 1.260 | 5.11 | 69,300 |
| NF56200 | 7.874 | 1.161 | 2.500 | 2.126 | .374 | 1.122 | 1.555 | 9.88 | 124,300 |
| NF56250 | 9.842 | 1.161 | 2.500 | 2.126 | .374 | 1.122 | 1.555 | 9.74 | 124,300 |

NF Block Chain Attachment Specifications

| Chain No. | Flow Model No. | "L" Attachment | | | "KL" Attachment | | | "W" Attachment | | | |
|-----------|----------------|----------------|-------|--|-----------------|-------|--|----------------|--------|-------|--|
| | | 2X | S | Additional Weight per Att. (lbs./att.) | 2X | S | Additional Weight per Att. (lbs./att.) | 2X | S | C | Additional Weight per Att. (lbs./att.) |
| NF30150 | FC150 | 5.315 | 1.339 | .40 | 5.315 | 1.339 | .40 | 5.315 | 3.150 | 3.150 | .70 |
| NF30150 | FC200 | 7.283 | 1.339 | .57 | 7.283 | 1.339 | .57 | 7.283 | 4.528 | 3.346 | 1.50 |
| NF30150 | FC270 | 9.843 | 1.339 | .79 | 9.843 | 1.339 | .79 | 9.843 | 5.512 | 4.134 | 2.46 |
| NF30150 | FC350 | 12.992 | 1.339 | 1.63 | 12.992 | 1.339 | 1.63 | 12.992 | 7.283 | 5.118 | 6.47 |
| NF30150 | FC450 | 16.929 | 1.339 | 2.16 | 16.929 | 1.339 | 2.16 | 16.929 | 9.055 | 5.315 | 11.31 |
| NF30200 | FC150 | 5.315 | 1.339 | .40 | 5.315 | 1.339 | .40 | 5.315 | 3.150 | 3.150 | .70 |
| NF30200 | FC200 | 7.283 | 1.339 | .57 | 7.283 | 1.339 | .57 | 7.283 | 4.528 | 3.346 | 1.50 |
| NF30200 | FC270 | 9.843 | 1.339 | .79 | 9.843 | 1.339 | .79 | 9.843 | 5.512 | 4.134 | 2.46 |
| NF30200 | FC350 | 12.992 | 1.339 | 1.63 | 12.992 | 1.339 | 1.63 | 12.992 | 7.283 | 5.118 | 6.47 |
| NF30200 | FC450 | 16.929 | 1.339 | 2.16 | 16.929 | 1.339 | 2.16 | 16.929 | 9.055 | 5.315 | 11.31 |
| NF56200 | FC410 | 15.354 | 2.008 | 2.86 | 15.354 | 2.008 | 2.86 | 15.354 | 9.173 | 3.937 | 11.00 |
| NF56200 | FC450 | 16.929 | 2.008 | 3.17 | 16.929 | 2.008 | 3.17 | 16.929 | 9.055 | 5.315 | 11.44 |
| NF56200 | FC580 | 22.047 | 2.008 | 4.22 | 22.047 | 2.008 | 4.22 | 22.047 | 11.417 | 6.299 | 18.92 |
| NF56250 | FC410 | 15.354 | 2.008 | 2.86 | 15.354 | 2.008 | 2.86 | 15.354 | 9.173 | 3.937 | 11.00 |
| NF56250 | FC450 | 16.929 | 2.008 | 3.17 | 16.929 | 2.008 | 3.17 | 16.929 | 9.055 | 5.315 | 11.44 |
| NF56250 | FC580 | 22.047 | 2.008 | 4.22 | 22.047 | 2.008 | 4.22 | 22.047 | 11.417 | 6.299 | 18.92 |

To locate compatible sprockets for your chain, refer to the Product Cross-Reference in Section D.

Note: Dimensions are subject to change. Contact Union Chain to obtain certified prints for design and construction.