



UNION CHAIN DIVISION - SPECIALTY CHAINS

A - ENGINEERING CLASS CHAINS

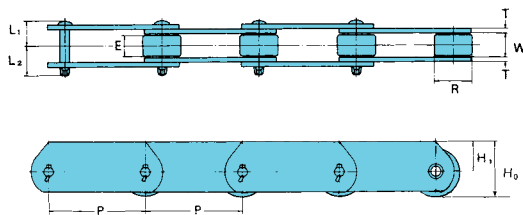
RFD Deep Link Chains

This type of chain allows solid contact between the chain and material to be conveyed. There is less friction due to roller rotation over the chain guide rail.



Applications

- Conveyor lines of thick plate or section steel in steel mills.
- Automobile or container assembly lines.



RFD Deep Link Chain Specifications

All dimensions are in inches unless otherwise indicated.

Chain Number	Pitch P	Roller		Width Between Roller Link Plates W	Chain Height H₀	Link Plate		Pin		Average Tensile Stgth. ("DT" Basic series) (lbs.)	Approx. Weight (lbs./ft.)
		R	E			H₁	T	L₁	L₂		
RFD03100-R	3.937	1.252	.610	.634	1.453	.827	.126	.709	.787	6,600	1.88
RFD05100-R	3.937	1.575	.748	.866	1.732	.945	.177	.984	1.122	15,500	3.96
RFD05150-R	5.905	1.575	.748	.866	1.732	.945	.177	.984	1.122	15,500	3.29
RFD10150-R	5.905	2.000	1.063	1.181	2.260	1.260	.248	1.299	1.417	25,300	6.52
RFD10200-R	7.874	2.000	1.063	1.181	2.260	1.260	.248	1.299	1.417	25,300	5.71
RFD12200-R	7.874	2.559	1.260	1.461	2.894	1.614	.311	1.594	1.693	41,800	10.01
RFD12250-R	9.842	2.559	1.260	1.461	2.894	1.614	.311	1.594	1.693	41,800	9.07
RFD17250-R	9.842	3.150	1.732	2.024	3.543	1.969	.374	2.028	2.283	55,000	15.12
RFD17300-R	11.811	3.150	1.732	2.024	3.543	1.969	.374	2.028	2.283	55,000	14.45
RFD26300-R	11.811	3.346 ¹	1.969	2.264	3.760	2.087	.374	2.185	2.402	70,400	16.33
RFD36300-R	11.811	3.937 ¹	2.205	2.626	4.409	2.441	.500	2.677	3.071	106,700	26.21
RFD36400-R	15.748	3.937 ¹	2.205	2.626	4.409	2.441	.500	2.677	3.071	106,700	22.98
RFD52450-R	17.716	4.331 ¹	2.205	3.031	4.921	2.756	.630	3.228	3.543	112,200	30.91

¹Roller diameter is different from the roller diameter of standard conveyor chain.

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.