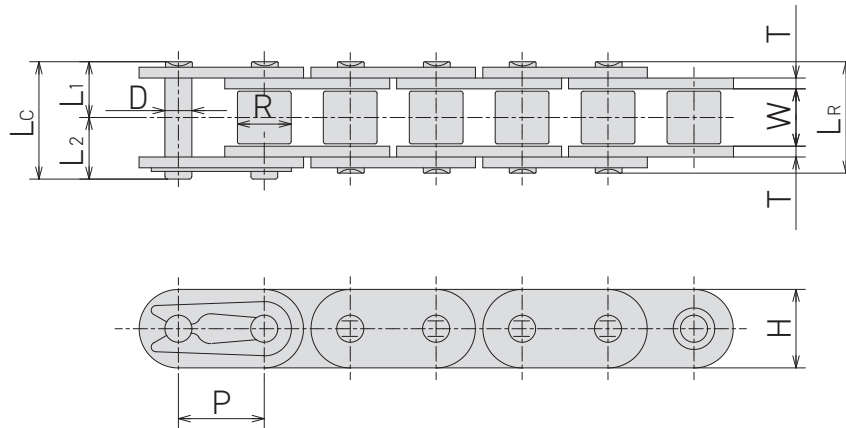


Flat Sidebar Roller Chain

ANSI | Single Pitch | Miscellaneous | F

“F” type roller chains offer high fatigue resistance and are suited for conveyor based products and/or sliding on a surface.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information

SY Chain No.	Pitch P	Dimension - mm									Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin					Plate				
		Width	Dia.	Dia.	Length			Height	Thickness	kN			
SY 35-1 F	9.525	4.78	5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25	10.80	2.23	0.38
SY 40-1 F	12.70	7.95	7.92	3.96	16.6	17.7	8.3	9.4	11.7	1.5	19.10	4.17	0.67
SY 50-1 F	15.875	9.53	10.16	5.08	20.5	22.0	10.2	11.8	14.6	2.0	31.90	7.22	1.10
SY 60-1 F	19.05	12.70	11.91	5.95	25.7	26.9	12.8	14.1	17.5	2.4	43.10	10.70	1.63
SY 80-1 F	25.40	15.88	15.88	7.93	33.0	35.5	16.4	19.1	23.4	3.2	78.50	18.40	2.82
SY 100-1 F	31.75	19.05	19.05	9.53	39.6	43.0	19.7	23.3	29.3	4.0	118.00	28.30	4.37
SY 120-1 F	38.10	25.40	22.23	11.10	49.7	53.4	24.8	28.6	35.1	4.8	167.00	38.00	6.45
SY 140-1 F	44.45	25.40	25.40	12.70	54.0	58.3	27.0	31.3	40.9	5.6	216.00	50.30	8.29
SY 160-1 F	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	275.00	66.30	10.96
SY 200-1 F	63.50	38.10	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0	451.00	82.30	18.96
SY 240-1 F	76.20	47.63	47.63	23.78	95.5	104.0	47.8	56.2	70.3	9.5	677.00	112.80	26.47

Connecting links are “cotter” style for all sizes 100 F to 160 F. Connecting links are “through S pin” style for sizes 200 F and 240 F. Offset links are not available.