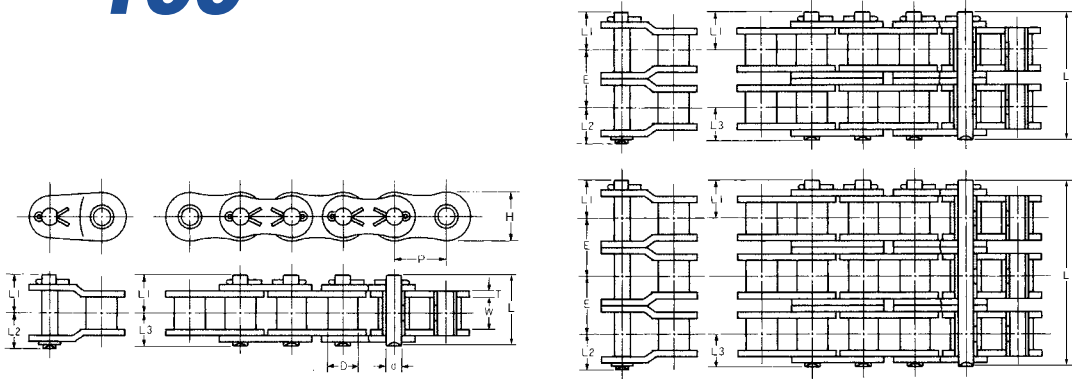


# OCM ANSI ROLLER CHAIN

Chain No. **100** Pitch • 1.250inch / 31.75mm



UNIT Upper:inch  
Beneath:mm

OCM Chain No.	ANSI No.	Pitch P	Roller Diam. D	Width between L.P. W		Link Plate		Pin Diam. d	Pin				Trans Pitch E	Average Tensile Strength Lb/kg	Max. Working Load Lb/kg	Approx Weight Lb/ft kg/m
				H	T	L	L1		L2	L3						
OCM100	100	1.250	0.750	0.755	1.185	0.158	0.375	1.698	0.925	0.846	0.787	1.411	26,460	5,513	2.801	
		31.75	19.05	19.15	30.1	4.0	9.53	43.1	23.5	21.5	20.0	35.8	12,000	2,500	4.2	
OCM100-2	100-2	1.250	0.750	0.755	1.185	0.158	0.375	3.109	0.925	0.846	0.787	1.411	52,920	9,371	5.603	
		31.75	19.05	19.15	30.1	4.0	9.53	78.9	23.5	21.5	20.0	35.8	24,000	4,250	8.4	
OCM100-3	100-3	1.250	0.750	0.755	1.185	0.158	0.375	4.519	0.925	0.846	0.787	1.411	79,380	13,781	8.338	
		31.75	19.05	19.15	30.1	4.0	9.53	114.7	23.5	21.5	20.0	35.8	36,000	6,250	12.5	
OCM100-4	100-4	1.250	0.750	0.755	1.185	0.158	0.375	5.930	0.925	0.846	0.787	1.411	105,840	18,191	11.006	
		31.75	19.05	19.15	30.1	4.0	9.53	150.5	23.5	21.5	20.0	35.8	48,000	8,250	16.5	
OCM100-5	100-5	1.250	0.750	0.755	1.185	0.158	0.375	7.340	0.925	0.846	0.787	1.411	132,300	21,499	13.807	
		31.75	19.05	19.15	30.1	4.0	9.53	186.3	23.5	21.5	20.0	35.8	60,000	9,750	20.7	
OCM100-6	100-6	1.250	0.750	0.755	1.185	0.158	0.375	8.751	0.925	0.846	0.787	1.411	158,760	25,358	16.542	
		31.75	19.05	19.15	30.1	4.0	9.53	222.1	23.5	21.5	20.0	35.8	72,000	11,500	24.8	

Note: Dimensions subject to change. Certified dimensions furnished upon request.

## HORSEPOWER RATINGS SINGLE STRAND ROLLER CHAIN

No. of Teeth Small Spkt.	REVOLUTIONS PER MINUTE-SMALL SPROCKET																										
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	2700		
11	0.81	1.85	3.45	6.44	9.28	12.0	17.3	22.4	27.4	32.3	37.1	32.8	27.5	23.4	20.3	17.8	15.8	14.2	11.6	9.71	8.29	7.19	6.31	1.29	0		
12	0.89	2.03	3.79	7.08	10.2	13.2	19.0	24.6	30.1	35.5	40.8	37.3	31.3	26.7	23.2	20.3	18.0	16.1	13.2	11.1	9.45	8.19	7.19	0	0		
13	0.97	2.22	4.13	7.72	11.1	14.4	20.7	26.9	32.8	38.7	44.5	42.1	35.3	30.1	26.1	22.9	20.3	18.2	14.9	12.5	10.6	9.23	8.10	0	0		
14	1.05	2.40	4.48	8.36	12.0	15.6	22.5	29.1	35.6	41.9	48.2	47.0	39.4	33.7	29.2	25.6	22.7	20.3	16.6	13.9	11.9	10.3	9.05	0	0		
15	1.13	2.59	4.83	9.01	13.0	16.8	24.2	31.4	38.3	45.2	51.9	52.2	43.7	37.3	32.4	28.4	25.2	22.5	18.4	15.5	13.2	11.4	10.0	0	0		
16	1.22	2.77	5.17	9.66	13.9	18.0	26.0	33.6	41.1	48.4	55.6	57.5	48.2	41.1	35.7	31.3	27.7	24.8	20.3	17.0	14.5	12.6	11.1	0	0		
17	1.30	2.96	5.52	10.3	14.8	19.2	27.7	35.9	43.9	51.7	59.4	63.0	52.8	45.0	39.0	34.3	30.4	27.2	22.3	18.7	15.9	13.8	0.79	0	0		
18	1.38	3.15	5.88	11.0	15.8	20.5	29.5	38.2	46.7	55.0	63.2	68.6	57.5	49.1	42.5	37.3	33.1	29.6	24.2	20.3	17.4	15.0	0	0	0		
19	1.46	3.34	6.23	11.6	16.7	21.7	31.2	40.5	49.5	58.3	67.0	74.4	62.2	53.2	46.1	40.5	35.9	32.1	26.3	22.0	18.8	16.3	0	0	0		
20	1.55	3.53	6.58	12.3	17.7	22.9	33.0	42.8	52.3	61.6	70.8	79.8	67.3	57.5	49.8	43.7	38.8	34.7	28.4	23.8	20.3	17.6	0	0	0		
21	1.63	3.72	6.94	13.0	18.7	24.2	34.8	45.1	55.1	65.0	74.6	84.2	72.4	61.8	53.6	47.0	41.7	37.3	30.6	25.6	21.9	19.0	0	0	0		
22	1.71	3.91	7.30	13.6	19.6	25.4	36.6	47.4	58.0	68.3	78.5	88.5	77.7	66.3	57.5	50.4	44.7	40.0	32.8	27.5	23.4	20.3	0	0	0		
23	1.80	4.10	7.66	14.3	20.6	26.7	38.4	49.8	60.8	71.7	82.3	92.8	83.0	70.9	61.4	53.9	47.8	42.8	35.0	29.4	25.1	7.74	0	0	0		
24	1.88	4.30	8.02	15.0	21.5	27.9	40.2	52.1	63.7	75.0	86.2	97.2	88.5	75.6	65.5	57.5	51.0	45.6	37.3	31.3	26.7	0	0	0	0		
25	1.97	4.49	8.38	15.6	22.5	29.2	42.0	54.4	66.6	78.4	90.1	102	94.1	80.3	69.6	61.1	54.2	48.5	39.7	33.3	28.4	0	0	0	0		
26	2.05	4.68	8.74	16.3	23.5	30.4	43.8	56.8	69.4	81.8	94.0	106	99.8	85.2	73.8	64.8	57.5	51.4	42.1	35.3	30.1	0	0	0	0		
28	2.22	5.07	9.47	17.7	25.5	33.0	47.5	61.5	75.2	88.6	102	115	112	95.2	82.5	72.4	64.2	57.5	47.0	39.4	33.7	0	0	0	0		
30	2.40	5.47	10.2	19.0	27.4	35.5	51.2	66.3	81.0	95.5	110	124	124	106	91.5	80.3	71.2	63.7	52.2	43.7	10.0	0	0	0	0		
32	2.57	5.86	10.9	20.4	29.4	38.1	54.9	71.1	86.9	102	118	133	136	116	101	88.5	78.5	70.2	57.5	48.2	0	0	0	0	0		
35	2.83	6.46	12.0	22.5	32.4	42.0	60.4	78.3	95.7	113	130	146	156	133	115	101	89.8	80.3	65.8	55.1	0	0	0	0	0		
40	3.27	7.46	13.9	26.0	37.4	48.5	69.8	90.4	111	130	150	169	188	163	141	124	110	98.1	80.3	0	0	0	0	0	0		
Lubri-cation	I			II										III													

See page 14, for lubrication type.  
When your selection fall in the right part of the dotted line, consult us.  
For horsepower ratings of multiple strand, multiply the horsepower above by multiple strand factor on page 11.  
Note: Dimensions subject to change. Certified dimensions furnished upon request.