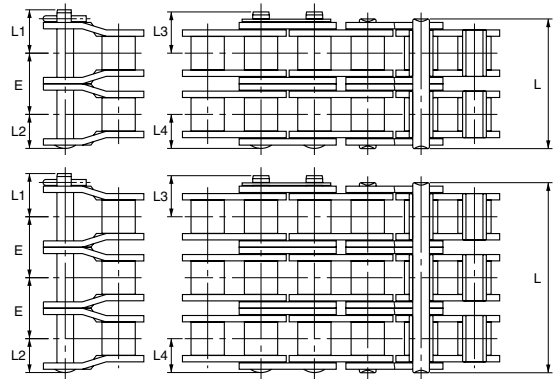
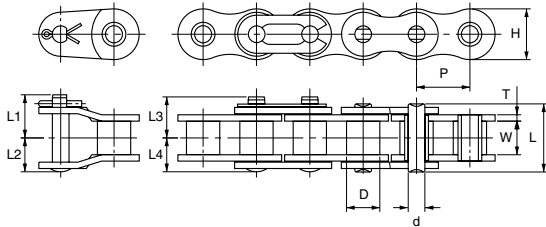


OCM ANSI ROLLER CHAIN

Chain No. **80** Pitch • 1.000inch / 25.40mm



UNIT Upper:inch
Beneath:mm

OCM Chain No.	ANSI No.	Pitch P	Roller Diam. D	Width between L.P. W		Link Plate H T		Pin Diam. d	Pin L L1 L2 L3 L4				Trans Pitch E	Average Tensile Strength Lb/kg	Max. Working Load Lb/kg	Approx Weight Lb/ft kg/m
				W	H	T	L		L1	L2	L3	L4				
OCM80	80	1.000 25.40	0.625 15.88	0.627 15.9	0.949 24.1	0.126 3.2	0.313 7.94	1.289 32.7	0.776 19.7	0.709 18.0	0.741 18.8	0.643 16.3	1.155 29.3	17,640 8,000	3,638 1,650	1.868 2.8
OCM80-2	80-2	1.000 25.40	0.625 15.88	0.627 15.9	0.949 24.1	0.126 3.2	0.313 7.94	2.447 62.1	0.776 19.7	0.709 18.0	0.741 18.8	0.643 16.3	1.155 29.3	35,280 16,000	6,185 2,805	3.735 5.6
OCM80-3	80-3	1.000 25.40	0.625 15.88	0.627 15.9	0.949 24.1	0.126 3.2	0.313 7.94	3.602 91.4	0.776 19.7	0.709 18.0	0.741 18.8	0.643 16.3	1.155 29.3	52,920 24,000	9,096 4,125	5.536 8.3
OCM80-4	80-4	1.000 25.40	0.625 15.88	0.627 15.9	0.949 24.1	0.126 3.2	0.313 7.94	4.756 120.7	0.776 19.7	0.709 18.0	0.741 18.8	0.643 16.3	1.155 29.3	70,560 32,000	12,006 5,445	7.337 11.0
OCM80-5	80-5	1.000 25.40	0.625 15.88	0.627 15.9	0.949 24.1	0.126 3.2	0.313 7.94	5.910 150.0	0.776 19.7	0.709 18.0	0.741 18.8	0.643 16.3	1.155 29.3	88,200 40,000	14,189 6,435	9.138 13.7
OCM80-6	80-6	1.000 25.40	0.625 15.88	0.627 15.9	0.949 24.1	0.126 3.2	0.313 7.94	7.065 179.3	0.776 19.7	0.709 18.0	0.741 18.8	0.643 16.3	1.155 29.3	105,840 48,000	16,736 7,590	10.939 16.4

1. Rivetted Construction is standard.
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 (rpm)																											
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2700	3000	3400			
11	0.97	2.22	4.14	7.72	11.1	14.4	20.8	26.9	30.3	30.3	27.4	23.0	19.6	17.0	14.9	11.84	9.69	8.12	6.94	6.01	5.28	4.42	3.78	3.13				
12	1.07	2.44	4.55	8.48	12.2	15.8	22.8	29.5	33.4	33.4	31.2	26.2	22.4	19.4	17.0	13.5	11.0	9.26	7.90	6.85	6.01	5.04	4.30	3.57				
13	1.16	2.66	4.96	9.25	13.3	17.3	24.9	32.2	36.3	36.3	35.2	29.5	25.2	21.8	19.2	15.2	12.5	10.4	8.91	7.72	6.78	5.68	4.85	4.02				
14	1.26	2.88	5.37	10.0	14.4	18.7	26.9	34.9	39.4	39.4	39.4	33.0	28.2	24.4	21.4	17.0	13.9	11.7	9.96	8.63	7.58	6.35	5.42	4.49				
15	1.36	3.10	5.79	10.8	15.6	20.1	29.0	37.6	43.7	43.7	43.7	36.6	31.2	27.1	23.8	18.9	15.4	12.9	11.0	9.57	8.40	7.04	6.01	4.98				
16	1.46	3.32	6.20	11.6	16.7	21.6	31.1	40.3	48.1	48.1	48.1	40.3	34.4	29.8	26.2	20.8	17.0	14.3	12.2	10.5	9.26	7.76	6.62	5.49				
17	1.56	3.55	6.62	12.4	17.8	23.1	33.2	43.0	52.6	52.7	52.7	44.1	37.7	32.7	28.7	22.8	18.6	15.6	13.3	11.6	10.1	8.50	7.25	0				
18	1.66	3.78	7.05	13.1	18.9	24.5	35.3	45.8	56.0	57.4	57.4	48.1	41.1	35.6	31.2	24.8	20.3	17.0	14.5	12.6	11.0	9.26	7.90	0				
19	1.75	4.00	7.47	13.9	20.1	26.0	37.5	48.5	59.3	61.7	61.7	52.2	44.5	38.6	33.9	26.9	22.0	18.4	15.7	13.6	12.0	10.0	8.57	0				
20	1.85	4.23	7.89	14.7	21.2	27.5	39.6	51.3	62.7	65.3	65.3	56.3	48.1	41.7	36.6	29.0	23.8	19.9	17.0	14.7	12.9	10.8	9.26	0				
21	1.95	4.46	8.32	15.5	22.4	29.0	41.7	54.1	66.1	68.8	68.8	60.6	51.8	44.9	39.4	31.2	25.6	21.4	18.3	15.9	13.9	11.7	9.96	0				
22	2.06	4.69	8.75	16.3	23.5	30.5	43.9	56.9	69.5	72.3	72.3	65.0	55.5	48.1	42.2	33.5	27.4	23.0	19.6	17.0	14.9	12.5	10.7	0				
23	2.16	4.92	9.18	17.1	24.7	32.0	46.0	59.7	72.9	75.9	75.9	69.5	59.3	51.4	45.1	35.8	29.3	24.6	21.0	18.2	16.0	13.4	11.4	0				
24	2.26	5.15	9.61	17.9	25.8	33.5	48.2	62.5	76.4	79.5	79.5	74.1	63.2	54.8	48.1	38.2	31.2	26.2	22.4	19.4	17.0	14.3	12.2	0				
25	2.36	5.38	10.0	18.7	27.0	35.0	50.4	65.3	79.8	83.0	83.0	83.0	78.7	67.2	58.3	51.1	40.6	33.2	27.8	23.8	20.6	18.1	15.2	0				
26	2.46	5.62	10.5	19.6	28.2	36.5	52.6	68.1	83.2	86.6	86.6	86.6	83.5	71.3	61.8	54.2	43.0	35.2	29.5	25.2	21.8	19.2	16.1	0				
28	2.67	6.08	11.4	21.2	30.5	39.5	56.9	73.8	90.2	93.9	93.9	93.9	93.3	79.7	69.1	60.6	48.1	39.4	33.0	28.2	24.4	21.4	18.0	0				
30	2.87	6.55	12.2	22.8	32.9	42.6	61.4	79.5	97.2	104	104	104	104	88.4	76.6	67.2	53.3	43.7	36.6	31.2	27.1	23.8	19.9	0				
32	3.08	7.03	13.1	24.5	35.3	45.7	65.8	85.2	104	114	114	114	114	97.4	84.4	74.1	58.8	48.1	40.3	34.4	29.8	26.2	0					
35	3.39	7.74	14.4	27.0	38.8	50.3	72.5	93.9	115	130	130	130	130	111	96.5	84.7	67.2	55.0	46.1	39.4	34.1	30.0	0					
40	3.92	8.94	16.7	31.1	44.9	58.1	83.7	108	133	153	153	153	153	136	118	103	82.1	67.2	56.3	48.1	41.7	0						

Lubrication	I	II	III
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Remarks) 1. For HP rating of multiple strand, multiply the HP above by multiple strand factor shown in the table at right.
2. The operation in right part of the dotted line is not recommended.
3. The lubrication type is as follows. Type I : Manual & Drip feed, Type II : Oil bath and Disc, Type III : Pump
4. Dimensions & Ratings are subject to change without notice. Certified dimensions furnished upon request.

Number of Strands	2	3	4	5	6
Multiple Strand Factors	1.7	2.5	3.3	3.9	4.6