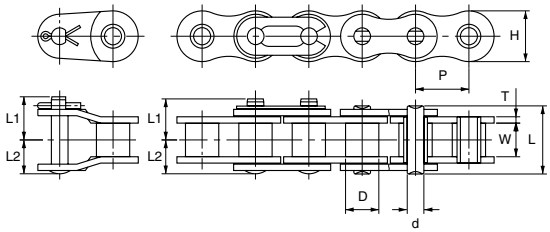
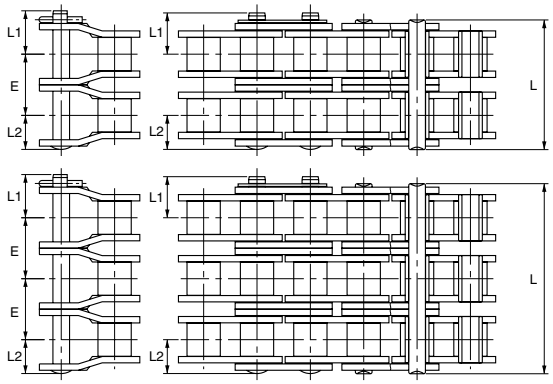
OCM ANSI ROLLER CHAIN

Chain No. 50 Pitch ● 0.625inch / 15.875mm





UNIT Upper:inch
Beneath:mm

OCM Chain No.	ANSI No.	Pitch P	Roller Diam. D	Width between L.P. W	Link Plate H	Link Plate T	Pin Diam. d	Pin L	Pin L1	Pin L2	Trans Pitch E	Average Tensile Strength Lb/kg	Max. Working Load Lb/kg	Approx Weight Lb/ft kg/m
OCM50	50	0.625 15.875	0.400 10.16	0.376 9.55	0.591 15.0	0.079 2.0	0.200 5.08	0.800 20.3	0.477 12.1	0.410 10.4	0.713 18.1	7,166 3,250	1,389 630	0.713 1.08
OCM50-2	50-2	0.625 15.875	0.400 10.16	0.376 9.55	0.591 15.0	0.079 2.0	0.200 5.08	1.513 38.4	0.477 12.1	0.410 10.4	0.713 18.1	14,333 6,500	2,360 1,070	1.406 2.13
OCM50-3	50-3	0.625 15.875	0.400 10.16	0.376 9.55	0.591 15.0	0.079 2.0	0.200 5.08	2.230 56.6	0.477 12.1	0.410 10.4	0.713 18.1	21,499 9,750	3,462 1,570	2.099 3.18
OCM50-4	50-4	0.625 15.875	0.400 10.16	0.376 9.55	0.591 15.0	0.079 2.0	0.200 5.08	2.943 74.7	0.477 12.1	0.410 10.4	0.713 18.1	28,665 13,000	4,564 2,070	2.792 4.23
OCM50-5	50-5	0.625 15.875	0.400 10.16	0.376 9.55	0.591 15.0	0.079 2.0	0.200 5.08	3.656 92.8	0.477 12.1	0.410 10.4	0.713 18.1	35,831 16,250	5,402 2,450	3.485 5.28
OCM50-6	50-6	0.625 15.875	0.400 10.16	0.376 9.55	0.591 15.0	0.079 2.0	0.200 5.08	4.369 110.9	0.477 12.1	0.410 10.4	0.713 18.1	42,998 19,500	6,372 2,890	4.171 6.32

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																								
	10	25	50	100	200	300	400	500	700	900	1000	1200	1400	1600	1800	2100	2400	2700	3000	3500	4000	4500	5000	5500	6000
11	0.11	0.24	0.45	0.84	1.56	2.25	2.92	3.57	4.83	6.06	6.66	7.85	8.13	6.65	5.58	4.42	3.62	3.04	2.59	2.06	1.68	1.41	1.20	1.04	0.92
12	0.12	0.26	0.49	0.92	1.72	2.47	3.21	3.92	5.31	6.65	7.31	8.62	9.26	7.58	6.35	5.04	4.13	3.46	2.95	2.34	1.92	1.61	1.37	1.19	1.04
13	0.13	0.29	0.54	1.00	1.87	2.70	3.50	4.27	5.78	7.25	7.97	9.40	10.4	8.55	7.16	5.69	4.65	3.90	3.33	2.64	2.16	1.81	1.55	1.34	0
14	0.14	0.31	0.58	1.09	2.03	2.92	3.79	4.63	6.27	7.86	8.64	10.2	11.7	9.55	8.01	6.35	5.20	4.36	3.72	2.95	2.42	2.03	1.73	1.50	0
15	0.15	0.34	0.63	1.17	2.19	3.15	4.08	4.99	6.75	8.47	9.31	11.0	12.6	10.6	8.88	7.05	5.77	4.83	4.13	3.27	2.68	2.25	1.92	1.66	0
16	0.16	0.36	0.67	1.26	2.34	3.38	4.37	5.35	7.24	9.08	9.98	11.8	13.5	11.7	9.78	7.76	6.35	5.32	4.55	3.61	2.95	2.47	2.11	1.83	0
17	0.17	0.39	0.72	1.34	2.50	3.61	4.67	5.71	7.73	9.69	10.7	12.6	14.4	12.8	10.7	8.50	6.96	5.83	4.98	3.95	3.23	2.71	2.31	2.01	0
18	0.18	0.41	0.76	1.43	2.66	3.83	4.97	6.07	8.22	10.3	11.3	13.4	15.3	13.9	11.7	9.26	7.58	6.35	5.42	4.30	3.52	2.95	2.52	0	
19	0.19	0.43	0.81	1.51	2.82	4.07	5.27	6.44	8.72	10.9	12.0	14.2	16.3	15.1	12.7	10.0	8.22	6.89	5.88	4.67	3.82	3.20	2.73	0	
20	0.20	0.46	0.86	1.60	2.98	4.30	5.57	6.80	9.21	11.5	12.7	15.0	17.2	16.3	13.7	10.8	8.88	7.44	6.35	5.04	4.13	3.46	2.95	0	
21	0.21	0.48	0.90	1.69	3.14	4.53	5.87	7.17	9.71	12.2	13.4	15.8	18.1	17.6	14.7	11.7	9.55	8.01	6.84	5.42	4.44	3.72	3.18	0	
22	0.22	0.51	0.95	1.77	3.31	4.76	6.17	7.54	10.2	12.8	14.1	16.6	19.1	18.8	15.8	12.5	10.2	8.59	7.33	5.82	4.76	3.99	3.41	0	
23	0.23	0.53	1.00	1.86	3.47	5.00	6.47	7.91	10.7	13.4	14.8	17.4	20.0	20.1	16.9	13.4	11.0	9.18	7.84	6.22	5.09	4.27	0		
24	0.25	0.56	1.04	1.95	3.63	5.23	6.78	8.29	11.2	14.1	15.5	18.2	20.9	21.4	18.0	14.3	11.7	9.77	8.35	6.63	5.42	4.55	0		
25	0.26	0.58	1.09	2.03	3.80	5.47	7.08	8.66	11.7	14.7	16.2	19.0	21.9	22.8	19.1	15.2	12.4	10.4	8.88	7.05	5.77	4.83	0		
26	0.27	0.61	1.14	2.12	3.96	5.70	7.39	9.03	12.2	15.3	16.9	19.9	22.8	24.2	20.3	16.1	13.2	11.0	9.42	7.47	6.12	5.13	0		
28	0.29	0.66	1.23	2.30	4.29	6.18	8.01	9.79	13.2	16.6	18.3	21.5	24.7	27.0	22.6	18.0	14.7	12.3	10.5	8.35	6.84	5.73	0		
30	0.31	0.71	1.33	2.49	4.62	6.66	8.63	10.5	14.3	17.9	19.7	23.2	26.6	30.0	25.1	19.9	16.3	13.7	11.7	9.26	7.58	0			
32	0.33	0.76	1.42	2.66	4.96	7.14	9.25	11.3	15.3	19.2	21.1	24.9	28.6	32.2	27.7	22.0	18.0	15.1	12.9	10.2	8.35	0			
35	0.37	0.84	1.57	2.93	5.46	7.86	10.2	12.5	16.9	21.1	23.2	27.4	31.5	35.5	31.6	25.1	20.6	17.2	14.7	11.7	9.55	0			
40	0.43	0.97	1.81	3.38	6.31	9.08	11.8	14.4	19.5	24.4	26.8	31.6	36.3	41.0	38.7	30.7	25.1	21.0	18.0	14.3	0				
Lubrication	I				II						III														

See page 14. for lubrication type.
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.