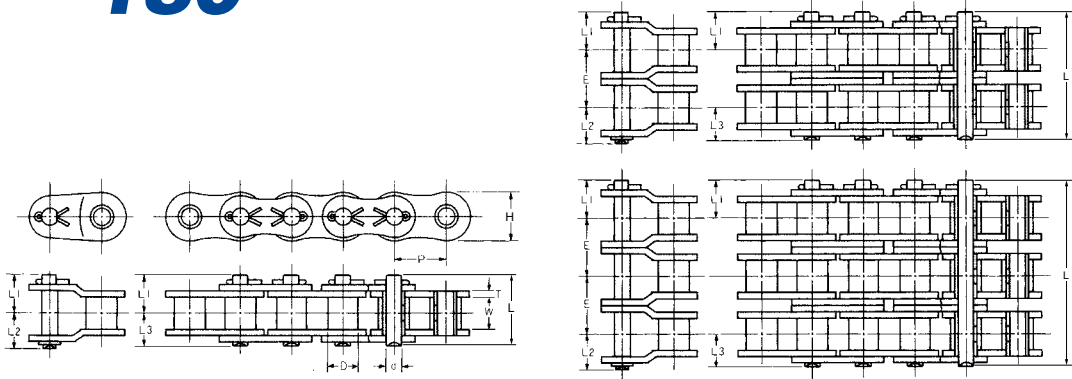


OCM ANSI ROLLER CHAIN

Chain No. **180** Pitch • 2.250inch / 57.15mm



UNIT Upper:inch
Beneath:mm

OCM Chain No.	Pitch P	Roller Diam. D	Width between L.P. W	Link Plate		Pin Diam. d	Pin				Trans Pitch E	Average Tensile Strength	Max. Working Load	Approx Weight
				H	T		L	L1	L2	L3				
OCM180	2.250	1.407	1.407	2.135	0.284	0.688	3.120	1.675	1.543	1.446	2.593	73,630	14,112	8.978
	57.15	35.71	35.7	54.2	7.2	17.45	79.2	42.5	39.2	36.7	65.8	33,400	6,400	13.46
OCM180-2	2.250	1.407	1.407	2.135	0.284	0.688	5.713	1.675	1.543	1.446	2.593	147,260	23,990	17.669
	57.15	35.71	35.7	54.2	7.2	17.45	145.0	42.5	39.2	36.7	65.8	66,800	10,880	26.49
OCM180-3	2.250	1.407	1.407	2.135	0.284	0.688	8.306	1.675	1.543	1.446	2.593	220,900	35,280	25.526
	57.15	35.71	35.7	54.2	7.2	17.45	210.8	42.5	39.2	36.7	65.8	100,200	16,000	38.27
OCM180-4	2.250	1.407	1.407	2.135	0.284	0.688	10.898	1.675	1.543	1.446	2.593	294,500	46,570	33.964
	57.15	35.71	35.7	54.2	7.2	17.45	276.6	42.5	39.2	36.7	65.8	133,600	21,120	50.92
OCM180-5	2.250	1.407	1.407	2.135	0.284	0.688	13.491	1.675	1.543	1.446	2.593	368,170	55,037	42.421
	57.15	35.71	35.7	54.2	7.2	17.45	342.4	42.5	39.2	36.7	65.8	167,000	24,960	63.60
OCM180-6	2.250	1.407	1.407	2.135	0.284	0.688	16.083	1.675	1.543	1.446	2.593	441,800	64,915	50.825
	57.15	35.71	35.7	54.2	7.2	17.45	408.2	42.5	39.2	36.7	65.8	200,400	29,440	76.20

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

HORSEPOWER RATINGS SINGLE STRAND ROLLER CHAIN

No. of Teeth Small Splt.	REVOLUTIONS PER MINUTE-SMALL SPROCKET (rpm)																							
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
11	5.38	12.3	22.9	42.8	61.6	79.8	97.5	115	132	149	124	106	92.0	80.7	71.6	64.1	57.8	52.4	47.9	44.0	40.5	37.5	24.5	5.87
12	5.91	13.5	25.2	46.9	67.6	87.7	107	126	145	164	142	121	105	92.0	81.7	73.1	65.8	59.8	54.6	50.2	46.1	41.4	21.7	0
13	6.45	14.8	27.5	51.2	73.8	95.6	117	138	158	178	160	137	118	104	92.0	86.4	74.3	67.5	61.6	56.5	52.0	39.7	18.2	0
14	6.99	16.0	29.8	55.5	79.9	104	127	149	172	193	178	153	132	116	103	92.0	83.0	75.4	68.8	63.2	58.2	37.1	13.7	0
15	7.52	17.2	32.0	59.8	86.1	112	137	161	185	208	198	169	146	129	114	102	92.0	83.5	76.3	70.0	57.9	33.9	0	0
16	8.07	18.4	34.3	64.1	92.3	120	146	172	198	219	216	186	161	142	126	112	101	92.0	84.1	77.1	55.8	29.8	0	0
17	8.61	19.7	36.6	68.4	98.6	128	156	184	212	229	227	204	177	156	138	123	111	101	92.0	79.3	52.8	24.9	0	0
18	9.16	20.9	39.0	72.8	105	135	166	196	225	240	237	223	193	169	150	134	121	110	100	77.5	49.2	19.2	0	0
19	9.71	22.1	41.3	77.1	111	143	176	208	239	251	247	239	209	184	162	145	131	119	103	75.0	44.8	0	0	0
20	10.3	23.5	43.7	81.5	117	152	186	219	252	261	256	247	225	198	176	157	142	129	102	71.9	39.6	0	0	0
21	10.8	24.7	46.0	86.0	124	161	196	231	266	271	266	256	243	213	189	169	153	130	100	67.9	33.7	0	0	0
22	11.4	26.0	48.4	90.4	130	169	207	243	279	280	274	263	249	228	202	181	158	129	97.5	63.3	27.0	0	0	0
23	11.9	27.2	50.8	94.8	137	177	216	255	278	290	282	271	255	236	213	188	160	128	94.1	57.9	0	0	0	0
24	12.5	28.6	53.2	99.2	143	185	227	267	300	298	290	278	261	240	217	189	160	126	90.1	51.9	0	0	0	0
25	13.1	29.8	55.7	104	149	193	237	279	310	306	298	284	267	244	219	190	158	123	85.4	45.1	0	0	0	0
26	13.7	31.1	58.1	108	156	202	247	291	318	314	304	291	271	248	221	190	157	120	80.1	37.5	0	0	0	0
28	14.8	33.7	62.4	117	169	219	267	315	334	330	318	302	280	253	224	189	152	111	67.3	0	0	0	0	0
30	16.0	36.3	67.7	126	182	236	288	339	350	343	330	311	287	257	224	186	145	100	51.8	0	0	0	0	0
32	17.0	38.9	72.5	135	196	253	308	365	365	357	341	319	292	260	223	181	135	86.5	33.7	0	0	0	0	0
35	18.8	42.9	79.9	149	215	279	341	386	384	373	354	329	296	259	216	169	117.1	61.1	0	0	0	0	0	0
40	21.7	49.5	92.4	173	248	322	393	418	412	394	369	335	295	248	196	138	74.3	0	0	0	0	0	0	0
Lubri-cation	I		II		III																			

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