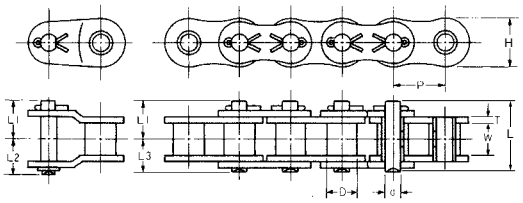
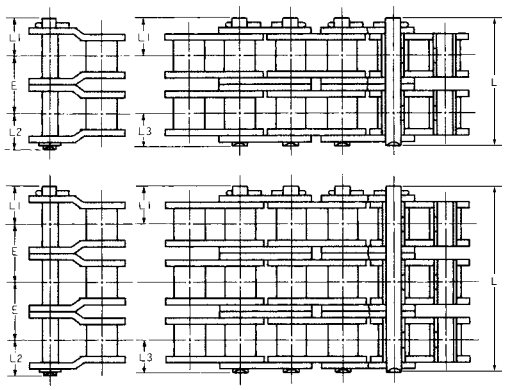
OCM ANSI ROLLER CHAIN

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 H	Link Plate T	Pin Diam. d	Pin L	Pin L1	Pin L2	Pin L3	Trans Pitch E	Average Tensile Strength Lb/kg	Max. Working Load Lb/kg	Approx Weight Lb/ft kg/m
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 Spkt.	REVOLUTIONS PER MINUTE-SMALL SPROCKET																							
	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	4.24	9.68	18.1	33.7	48.6	62.9	76.9	90.6	104	117	124	106	92.0	80.7	71.6	64.1	57.8	52.4	47.9	43.9	40.5	37.5	34.9	32.5
12	4.66	10.6	19.8	37.0	53.4	69.1	84.5	99.6	114	129	142	121	105	92.0	81.6	73.0	65.8	59.7	54.6	50.1	46.2	42.8	39.7	37.1
13	5.08	11.6	21.6	40.4	58.2	75.4	92.1	109	125	141	156	136	118	104	92.0	82.3	74.2	67.4	61.5	55.5	52.1	48.2	44.8	0
14	5.51	12.6	23.4	43.7	63.0	81.6	99.8	118	135	152	169	152	132	116	103	92.0	82.9	75.3	68.7	63.1	58.2	53.9	50.1	0
15	5.93	13.5	25.3	47.1	67.9	88.0	108	127	146	164	182	169	146	129	114	102	92.0	83.5	76.2	70.0	64.5	59.7	55.5	0
16	6.36	14.5	27.1	50.5	72.8	94.3	115	136	156	176	196	186	161	142	126	112	101	92.0	84.0	77.1	71.1	65.8	61.2	0
17	6.79	15.5	28.9	54.0	77.7	101	123	145	167	188	209	204	177	155	138	123	111	101	92.0	84.4	77.9	72.1	0	
18	7.22	16.5	30.8	57.4	82.7	107	131	154	177	200	222	222	193	169	150	134	121	110	100	92.0	84.8	78.5	0	
19	7.66	17.5	32.6	60.8	87.6	114	139	164	188	212	236	241	209	183	163	145	131	119	109	99.8	92.0	85.2	0	
20	8.10	18.5	34.5	64.3	92.6	120	147	173	199	224	249	260	226	198	175	157	142	129	117	108	99.3	92.0	0	
21	8.53	19.5	36.3	67.8	97.6	126	155	182	209	236	262	280	243	213	189	169	152	138	126	116	107	99.0	0	
22	8.97	20.5	38.2	71.3	103	133	163	192	220	248	276	300	260	228	203	181	163	148	135	124	115	0		
23	9.41	21.5	40.1	74.8	108	140	171	201	231	260	290	318	278	244	216	194	175	159	145	133	123	0		
24	9.86	22.5	42.0	78.3	113	146	179	210	242	273	303	333	296	260	231	206	186	169	154	142	131	0		
25	10.3	23.5	43.9	81.8	118	153	187	220	253	285	317	348	315	277	245	220	198	180	164	151	139	0		
26	10.7	24.5	45.7	85.4	123	159	195	229	264	297	331	363	334	293	260	233	210	191	174	160	0			
28	11.6	26.6	49.6	92.5	133	173	211	249	286	322	358	394	374	328	291	260	235	213	194	178	0			
30	12.5	28.6	53.4	99.6	144	186	227	268	308	347	386	424	414	364	322	289	260	236	216	198	0			
32	13.4	30.7	57.2	107	154	199	244	287	330	372	414	455	456	401	355	318	287	260	238	0				
35	14.8	33.8	63.1	118	170	220	268	316	363	410	456	501	522	458	406	364	328	291	220	0				
40	17.1	39.0	72.9	136	196	254	310	365	420	473	526	579	575	524	465	398	324	244	0					
Lubrication	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.