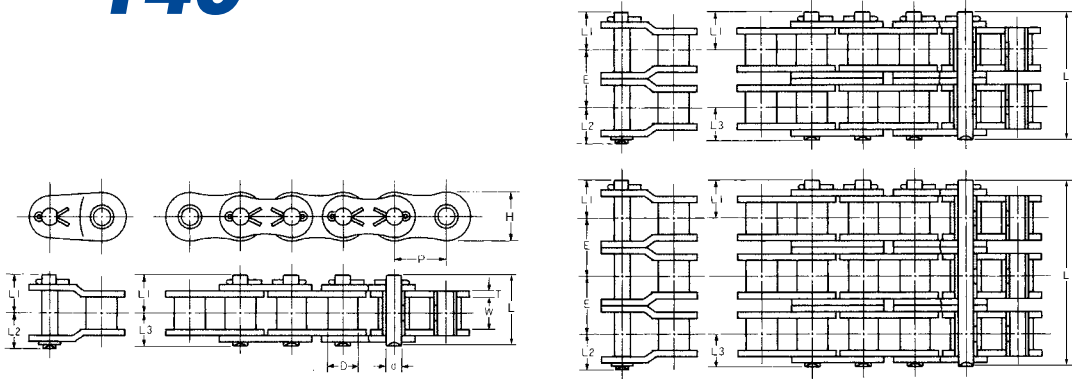


OCM ANSI ROLLER CHAIN

Chain No. **140** Pitch • 1.750inch / 44.45mm



UNIT Upper:inch
Beneath:mm

OCM Chain No.	ANSI No.	Pitch P	Roller Diam. D	Width between L.P.		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
				W	H	T	L		L1	L2	L3					
OCM140	140	1.750	1.000	1.000	1.663	0.220	0.500	2.321	1.253	1.150	1.068	1.927	48,731	9,702	5.136	
		44.45	25.40	25.40	42.2	5.6	12.70	58.9	31.8	29.2	27.1	48.9	22,100	4,400	7.7	
OCM140-2	140-2	1.750	1.000	1.000	1.663	0.220	0.500	4.247	1.253	1.150	1.068	1.927	97,461	16,493	10.072	
		44.45	25.40	25.40	42.2	5.6	12.70	107.8	31.8	29.2	27.1	48.9	44,200	7,480	15.1	
OCM140-3	140-3	1.750	1.000	1.000	1.663	0.220	0.500	6.174	1.253	1.150	1.068	1.927	146,192	24,255	15.074	
		44.45	25.40	25.40	42.2	5.6	12.70	156.7	31.8	29.2	27.1	48.9	66,300	11,000	22.6	
OCM140-4	140-4	1.750	1.000	1.000	1.663	0.220	0.500	8.101	1.253	1.150	1.068	1.927	194,922	32,017	20.077	
		44.45	25.40	25.40	42.2	5.6	12.70	205.6	31.8	29.2	27.1	48.9	88,400	14,520	30.1	
OCM140-5	140-5	1.750	1.000	1.000	1.663	0.220	0.500	10.027	1.253	1.150	1.068	1.927	243,653	37,838	25.013	
		44.45	25.40	25.40	42.2	5.6	12.70	254.5	31.8	29.2	27.1	48.9	110,500	17,160	37.5	
OCM140-6	140-6	1.750	1.000	1.000	1.663	0.220	0.500	11.954	1.253	1.150	1.068	1.927	292,383	44,629	30.015	
		44.45	25.40	25.40	42.2	5.6	12.70	303.4	31.8	29.2	27.1	48.9	132,600	20,240	45.0	

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	250	300	350	400	450	500	550	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
11	2.88	6.56	12.2	22.8	33.0	42.6	52.2	61.4	70.5	79.7	88.5	86.9	75.2	66.1	52.4	42.9	35.9	30.7	26.6	23.3	20.7	18.5	16.8	15.2	6.36
12	3.16	7.21	13.4	25.1	36.2	46.8	57.3	67.5	77.5	87.4	97.2	99.0	85.8	75.2	59.7	48.9	41.0	35.0	30.3	26.6	23.6	21.1	19.0	16.2	0
13	3.45	7.86	14.6	27.4	39.4	51.1	62.5	73.6	84.5	95.3	106	112	96.7	84.9	67.3	55.1	46.1	39.4	34.2	30.0	26.6	23.9	21.5	10.9	0
14	3.73	8.52	16.0	29.6	42.8	55.4	67.6	79.7	91.6	103	115	125	108	94.8	75.2	61.6	51.6	44.1	38.2	33.5	29.8	26.6	24.0	0	0
15	4.02	9.17	17.2	31.9	46.0	59.7	73.0	85.8	98.7	111	124	135	120	105	83.4	68.3	57.3	48.9	42.4	37.1	33.0	29.5	26.6	0	0
16	4.32	9.84	18.4	34.2	49.3	64.0	78.2	92.1	106	119	133	146	132	116	92.0	75.2	63.0	53.9	46.7	41.0	36.3	32.5	29.4	0	0
17	4.60	10.5	19.6	36.6	52.7	68.3	83.4	98.3	113	127	142	156	145	127	101	82.5	69.1	59.0	51.1	44.9	39.8	35.7	24.1	0	0
18	4.89	11.2	20.8	38.9	56.1	72.5	88.8	105	120	135	150	165	157	138	110	89.8	75.2	64.2	55.7	48.9	43.3	38.8	16.9	0	0
19	5.19	11.8	22.1	41.3	59.4	77.0	94.1	111	127	143	160	176	170	150	119	97.4	81.7	69.7	60.3	53.0	47.1	42.1	0	0	0
20	5.48	12.5	23.3	43.6	62.8	81.4	99.5	117	134	152	169	185	185	162	128	105	88.1	75.2	65.2	57.3	50.8	45.5	0	0	0
21	5.78	13.2	24.7	46.0	66.2	85.7	105	124	142	160	178	196	198	174	138	113	94.8	81.0	70.1	61.6	54.6	43.7	0	0	0
22	6.09	13.8	25.9	48.3	69.6	90.1	110	130	149	168	188	205	213	186	149	121	102	86.9	75.2	66.1	58.6	35.9	0	0	0
23	6.38	14.6	27.2	50.7	73.1	94.5	116	137	157	177	196	216	228	200	158	130	109	92.8	80.5	70.7	62.6	27.2	0	0	0
24	6.68	15.3	28.4	53.1	76.4	99.1	121	142	164	185	205	225	243	213	169	138	116	99.0	85.8	75.2	66.8	0	0	0	0
25	6.99	16.0	29.8	55.5	79.9	104	127	149	172	193	215	236	257	227	180	148	123	105	91.2	80.1	70.3	0	0	0	0
26	7.28	16.6	31.0	57.9	83.4	108	132	156	178	201	224	247	268	240	190	156	131	112	96.7	84.9	62.4	0	0	0	0
28	7.90	18.0	33.7	62.8	90.2	117	143	169	193	219	243	267	291	268	213	174	146	125	108	94.8	43.7	0	0	0	0
30	8.50	19.4	36.2	67.6	97.4	126	154	181	209	235	261	287	314	298	236	193	162	138	120	96.4	0	0	0	0	0
32	9.12	20.8	38.8	72.4	104	135	165	194	224	252	280	308	335	327	260	213	178	153	132	78.2	0	0	0	0	0
35	10.0	22.9	42.8	79.8	115	149	182	215	247	278	308	339	370	375	298	244	204	174	130	45.1	0	0	0	0	0
40	11.6	26.4	49.3	92.1	133	172	211	248	284	320	357	393	428	426	363	298	249	172	77.9	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