
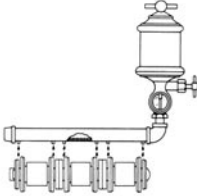
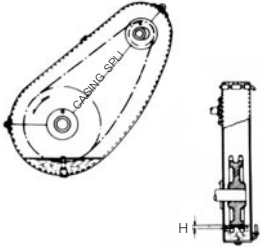
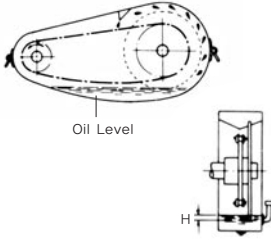
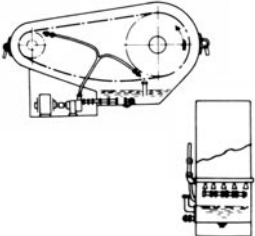


Method of Lubrication

There are three basic methods of lubrication for roller chain drives. Close adherence to these recommended types of lubrication is essential in obtaining the maximum service life of a chain drive. These recommended types of lubrication, as shown in the (Kilowatt Rating Tables), are determined by the chain speed and the amount of power transmitted.

Type of Lubrication		Lubricating Method	Lubrication amount & Method	Attention
A	I	 <p>Manual Lubrication Oil is applied with a oil filler or oil brush on the slack side of the chain</p>	<p>–It should be applied about every 8 hours or as often as necessary to prevent the bearings from becoming dry.</p>	<p>–Do not attempt to manually lubricate of service any chain while it is operating. Serious injury could result. –Acceptable for slow speed : generally not over 200m/ min</p>
	II	 <p>Drip Lubrication The oil is supplied by drip feed by using oil casing</p>	<p>–About 5 to 20 drops of oil per min. or as enough as necessary to prevent the chains from over heating</p>	<p>–According to change of the speed, should increase amount. –Acceptable for slow speed : generally not over 200m/ min</p>
B	I	 <p>Oil Bath Lubrication The Chain is installed in a leakless casing.</p>	<p>–The oil depth 'H' should be 6 to 12mm deep. –The oil level should be such that the pitch line of the chain is just submerged.</p>	<p>–This method is suitable for chains operating at up to approximately 450m/min –To prevent excessive heat generation, only a short section of chain should run through the bath.</p>
	II	 <p>Lubrication by Slinger Disc The Chain is installed in a leakless casing and oil is splashed on the chain.</p>	<p>–The oil depth 'H' should be 12 to 25mm deep. –If the width of the chain is larger than 125mm, attach slinger discs to both side.</p>	<p>–The circumferential speed should be at least 200m/min. –The chain should not pass through oil</p>
C		 <p>Forced Feed Lubrication Lubricant is pumped onto the chain under pressure.</p>	<p>–This is the preferred method of lubrication, particularly for drives with heavy loads or high speeds. –Use for speeds higher than Type B limit and for chains operating at up to approximately 760m/ min.</p>	<p>–The oil should be directed to the inside of the slack strand with one oil stream for each 1 inch of chain width.</p>

Kilowatt Rating Tables

ANSI Standard Roller Chain 25

- ▶ This table is only for single stand chains. For more information about multi stands chains, please consult with Dong Bo Chain
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 25** Pitch : 6.35mm (1/4 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I											II													
No. of small sprocket teeth	50	100	300	500	700	900	1200	1500	1800	2100	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	10000
9	0.02	0.03	0.08	0.13	0.18	0.23	0.30	0.36	0.43	0.49	0.57	0.67	0.78	0.76	0.64	0.54	0.47	0.42	0.37	0.33	0.30	0.27	0.25	0.22	0.19
10	0.02	0.04	0.10	0.15	0.20	0.26	0.33	0.41	0.48	0.55	0.64	0.76	0.87	0.89	0.75	0.64	0.55	0.48	0.43	0.39	0.35	0.31	0.29	0.26	0.22
11	0.02	0.04	0.11	0.17	0.23	0.28	0.37	0.45	0.53	0.61	0.71	0.84	0.96	1.03	0.87	0.74	0.64	0.56	0.50	0.45	0.40	0.37	0.34	0.31	0.26
12	0.02	0.04	0.12	0.18	0.25	0.31	0.40	0.49	0.58	0.67	0.78	0.92	1.06	1.17	0.98	0.84	0.72	0.64	0.57	0.51	0.46	0.42	0.38	0.35	0.30
13	0.03	0.05	0.13	0.20	0.27	0.34	0.44	0.54	0.63	0.73	0.85	1.00	1.15	1.30	1.11	0.95	0.82	0.72	0.64	0.57	0.51	0.47	0.43	0.40	0.34
14	0.03	0.05	0.14	0.22	0.29	0.37	0.48	0.58	0.69	0.79	0.92	1.09	1.25	1.41	1.24	1.06	0.92	0.81	0.72	0.64	0.57	0.52	0.48	0.44	0.37
15	0.03	0.05	0.15	0.23	0.32	0.40	0.51	0.63	0.74	0.85	0.99	1.17	1.35	1.52	1.37	1.17	1.01	0.90	0.79	0.71	0.64	0.58	0.53	0.48	0.42
16	0.03	0.06	0.16	0.25	0.34	0.43	0.55	0.67	0.79	0.91	1.07	1.26	1.44	1.63	1.51	1.29	1.12	0.98	0.87	0.78	0.70	0.64	0.58	0.54	0.46
17	0.03	0.06	0.17	0.27	0.36	0.45	0.59	0.72	0.85	0.97	1.14	1.34	1.54	1.74	1.66	1.42	1.22	1.07	0.96	0.85	0.77	0.70	0.64	0.59	0.50
18	0.04	0.07	0.18	0.28	0.39	0.48	0.63	0.76	0.90	1.03	1.21	1.43	1.64	1.85	1.81	1.54	1.34	1.17	1.04	0.93	0.84	0.76	0.69	0.64	0.54
19	0.04	0.07	0.19	0.30	0.41	0.51	0.66	0.81	0.96	1.10	1.28	1.51	1.74	1.96	1.95	1.67	1.45	1.27	1.13	1.01	0.91	0.83	0.75	0.69	0.59
20	0.04	0.07	0.20	0.32	0.43	0.54	0.70	0.86	1.01	1.16	1.36	1.60	1.84	2.07	2.11	1.81	1.57	1.37	1.22	1.09	0.98	0.90	0.81	0.75	0.64
21	0.04	0.08	0.21	0.34	0.45	0.57	0.74	0.90	1.06	1.22	1.43	1.69	1.94	2.18	2.27	1.94	1.69	1.48	1.31	1.17	1.06	0.96	0.87	0.81	0.69
22	0.04	0.08	0.22	0.35	0.48	0.60	0.78	0.95	1.12	1.29	1.50	1.77	2.04	2.30	2.44	2.08	1.81	1.58	1.40	1.26	1.13	1.03	0.94	0.87	0.74
23	0.05	0.09	0.23	0.37	0.50	0.63	0.82	1.00	1.17	1.35	1.58	1.86	2.14	2.41	2.61	2.22	1.93	1.69	1.50	1.34	1.21	1.10	1.01	0.93	0.79
24	0.05	0.09	0.25	0.39	0.53	0.66	0.85	1.04	1.23	1.41	1.65	1.95	2.24	2.52	2.78	2.37	2.06	1.81	1.60	1.43	1.29	1.17	1.07	0.98	0.84
25	0.05	0.10	0.26	0.41	0.55	0.69	0.89	1.09	1.28	1.48	1.73	2.03	2.34	2.64	2.93	2.52	2.19	1.92	1.70	1.52	1.37	1.25	1.14	1.04	0.90
26	0.05	0.10	0.27	0.42	0.57	0.72	0.93	1.14	1.34	1.54	1.80	2.12	2.44	2.75	3.06	2.68	2.32	2.04	1.81	1.61	1.45	1.32	1.21	1.11	0.95
28	0.06	0.11	0.29	0.46	0.62	0.78	1.01	1.23	1.45	1.67	1.95	2.30	2.64	2.98	3.31	2.99	2.59	2.28	2.01	1.81	1.63	1.48	1.35	1.24	1.06
30	0.06	0.12	0.31	0.49	0.67	0.84	1.09	1.33	1.56	1.80	2.10	2.48	2.85	3.21	3.57	3.32	2.87	2.52	2.24	2.00	1.81	1.64	1.50	1.37	1.17
32	0.07	0.12	0.33	0.53	0.72	0.90	1.16	1.42	1.68	1.93	2.25	2.66	3.05	3.44	3.83	3.66	3.17	2.78	2.46	2.21	1.99	1.81	1.65	1.51	1.29
35	0.07	0.14	0.37	0.58	0.79	0.99	1.28	1.57	1.85	2.12	2.48	2.93	3.36	3.79	4.21	4.18	3.62	3.18	2.82	2.52	2.28	2.07	1.89	1.73	1.48
40	0.08	0.16	0.43	0.67	0.91	1.14	1.48	1.81	2.13	2.45	2.87	3.38	3.88	4.38	4.87	5.10	4.42	3.89	3.45	3.08	2.78	2.52	2.31	2.11	1.81
45	0.10	0.18	0.48	0.77	1.04	1.30	1.68	2.06	2.42	2.78	3.26	3.84	4.41	4.97	5.53	6.08	5.28	4.63	4.11	3.68	3.32	3.01	2.75	2.52	2.16

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 41

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 41** Pitch : 12.70mm (1/2 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I									II												III			
No. of small sprocket teeth	10	25	50	100	200	300	400	500	700	900	1000	1200	1400	1600	1800	2100	2400	2700	3000	3500	4000	5000	6000	7000	8000
9	0.02	0.05	0.10	0.18	0.34	0.49	0.64	0.78	1.05	1.32	1.25	0.95	0.75	0.61	0.51	0.41	0.34	0.28	0.24	0.19	0.16	0.11	0.08	0.07	0.05
10	0.03	0.06	0.11	0.20	0.38	0.55	0.71	0.87	1.18	1.48	1.47	1.11	0.88	0.72	0.60	0.48	0.40	0.33	0.28	0.22	0.18	0.13	0.10	0.08	0.06
11	0.03	0.07	0.12	0.23	0.43	0.61	0.79	0.97	1.31	1.64	1.69	1.28	1.01	0.83	0.69	0.55	0.46	0.38	0.32	0.25	0.21	0.15	0.11	0.09	0.07
12	0.03	0.07	0.14	0.25	0.47	0.67	0.87	1.06	1.44	1.80	1.93	1.45	1.16	0.95	0.79	0.63	0.51	0.43	0.37	0.29	0.24	0.17	0.13	0.10	0.08
13	0.03	0.08	0.15	0.27	0.51	0.73	0.95	1.16	1.57	1.96	2.16	1.64	1.31	1.07	0.90	0.71	0.58	0.48	0.42	0.33	0.27	0.19	0.15	0.12	0.10
14	0.04	0.08	0.16	0.29	0.55	0.79	1.02	1.25	1.70	2.13	2.34	1.84	1.45	1.19	1.00	0.79	0.65	0.54	0.46	0.37	0.30	0.22	0.16	0.13	0.10
15	0.04	0.09	0.17	0.32	0.59	0.85	1.10	1.35	1.83	2.29	2.52	2.04	1.62	1.32	1.11	0.88	0.72	0.60	0.51	0.41	0.34	0.24	0.18	0.14	0.12
16	0.04	0.10	0.18	0.34	0.63	0.91	1.18	1.45	1.96	2.46	2.70	2.25	1.78	1.45	1.22	0.97	0.79	0.66	0.57	0.45	0.37	0.26	0.20	0.16	0.13
17	0.05	0.10	0.19	0.36	0.68	0.98	1.26	1.55	2.09	2.62	2.88	2.45	1.95	1.60	1.33	1.06	0.87	0.73	0.62	0.49	0.40	0.29	0.22	0.17	0.14
18	0.05	0.11	0.21	0.39	0.72	1.04	1.34	1.64	2.22	2.79	3.07	2.68	2.13	1.74	1.45	1.16	0.95	0.79	0.68	0.54	0.44	0.31	0.24	0.19	0
19	0.05	0.12	0.22	0.41	0.76	1.10	1.42	1.74	2.36	2.96	3.25	2.90	2.31	1.89	1.58	1.25	1.03	0.86	0.73	0.58	0.48	0.34	0.26	0.21	0
20	0.05	0.12	0.23	0.43	0.81	1.16	1.51	1.84	2.49	3.13	3.44	3.16	2.48	2.04	1.71	1.35	1.11	0.93	0.79	0.63	0.51	0.37	0.28	0.22	0
21	0.06	0.13	0.24	0.46	0.85	1.23	1.59	1.94	2.63	3.29	3.62	3.40	2.68	2.19	1.83	1.45	1.19	1.00	0.85	0.68	0.55	0.40	0.30	0.24	0
22	0.06	0.14	0.26	0.48	0.89	1.29	1.66	2.04	2.76	3.46	3.81	3.64	2.87	2.35	1.97	1.56	1.28	1.07	0.92	0.72	0.60	0.43	0.32	0.25	0
23	0.06	0.14	0.27	0.50	0.94	1.35	1.75	2.14	2.90	3.63	4.00	3.89	3.07	2.51	2.10	1.67	1.37	1.15	0.98	0.78	0.63	0.46	0.34	0.28	0
24	0.07	0.15	0.28	0.53	0.98	1.42	1.83	2.24	3.04	3.81	4.18	4.15	3.27	2.68	2.25	1.78	1.45	1.22	1.04	0.83	0.68	0.48	0.37	0.29	0
25	0.07	0.16	0.30	0.55	1.03	1.48	1.92	2.34	3.17	3.98	4.37	4.41	3.48	2.84	2.39	1.90	1.55	1.30	1.11	0.88	0.72	0.51	0.40	0	
26	0.07	0.17	0.31	0.57	1.07	1.54	2.00	2.45	3.31	4.15	4.56	4.68	3.69	3.02	2.53	2.01	1.64	1.38	1.18	0.93	0.76	0.54	0.42	0	
28	0.08	0.18	0.33	0.62	1.16	1.67	2.17	2.65	3.59	4.50	4.94	5.23	4.12	3.37	2.83	2.25	1.84	1.54	1.31	1.04	0.85	0.61	0.46	0	
30	0.08	0.19	0.36	0.67	1.25	1.80	2.33	2.85	3.86	4.84	5.32	5.80	4.57	3.74	3.13	2.48	2.04	1.71	1.45	1.16	0.95	0.68	0.51	0	
32	0.09	0.21	0.38	0.72	1.34	1.93	2.51	3.06	4.14	5.19	5.71	6.39	5.04	4.12	3.45	2.74	2.25	1.88	1.60	1.28	1.04	0.75	0		
35	0.10	0.23	0.43	0.79	1.48	2.13	2.76	3.37	4.56	5.72	6.29	7.31	5.76	4.72	3.95	3.13	2.57	2.15	1.84	1.45	1.19	0.85	0		
40	0.12	0.26	0.49	0.92	1.71	2.46	3.18	3.89	5.27	6.61	7.26	8.56	7.04	5.76	4.83	3.83	3.13	2.63	2.25	1.78	1.45	1.04	0		
45	0.13	0.30	0.56	1.04	1.94	2.79	3.62	4.42	5.99	7.50	8.25	9.72	8.43	6.87	5.76	4.57	3.74	3.13	2.68	2.13	1.74	0			

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 35

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 35** Pitch : 9.525mm (0.375 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I							II													III				
No. of small sprocket teeth	50	100	300	500	700	900	1200	1500	1800	2100	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	10000
9	0.09	0.17	0.47	0.74	1.00	1.26	1.63	1.99	2.34	2.69	2.11	1.62	1.29	1.05	0.88	0.75	0.66	0.57	0.51	0.46	0.41	0.37	0.34	0.31	0.27
10	0.10	0.19	0.52	0.83	1.12	1.41	1.82	2.23	2.63	3.02	2.50	1.90	1.51	1.23	1.04	0.88	0.77	0.67	0.60	0.53	0.48	0.43	0.40	0.37	0.31
11	0.12	0.22	0.58	0.92	1.24	1.56	2.02	2.47	2.91	3.34	2.88	2.18	1.73	1.42	1.18	1.01	0.88	0.77	0.68	0.61	0.55	0.50	0.45	0.42	0.36
12	0.13	0.24	0.64	1.01	1.37	1.71	2.22	2.71	3.20	3.67	3.28	2.50	1.98	1.62	1.36	1.16	1.01	0.88	0.78	0.70	0.63	0.57	0.52	0.48	0.41
13	0.14	0.26	0.70	1.10	1.49	1.87	2.42	2.96	3.49	4.01	3.70	2.80	2.23	1.83	1.53	1.30	1.12	0.99	0.87	0.78	0.70	0.64	0.58	0.54	0.46
14	0.15	0.28	0.75	1.19	1.61	2.02	2.62	3.21	3.78	4.34	4.14	3.14	2.49	2.03	1.71	1.46	1.27	1.11	0.98	0.88	0.79	0.72	0.65	0.60	0.51
15	0.16	0.30	0.81	1.28	1.74	2.18	2.83	3.45	4.07	4.67	4.59	3.47	2.76	2.26	1.89	1.62	1.40	1.23	1.09	0.98	0.88	0.80	0.73	0.67	0.57
16	0.17	0.32	0.87	1.38	1.86	2.34	3.03	3.70	4.36	5.01	5.05	3.80	3.04	2.49	2.09	1.78	1.54	1.36	1.20	1.07	0.97	0.88	0.80	0.74	0.62
17	0.19	0.35	0.93	1.47	1.99	2.50	3.23	3.95	4.66	5.35	5.53	4.17	3.33	2.73	2.28	1.95	1.69	1.48	1.32	1.18	1.06	0.96	0.88	0.80	0.69
18	0.20	0.37	0.99	1.56	2.12	2.66	3.44	4.21	4.95	5.69	6.03	4.54	3.63	2.97	2.49	2.12	1.84	1.62	1.43	1.28	1.15	1.05	0.96	0.88	0.75
19	0.21	0.39	1.05	1.66	2.25	2.81	3.65	4.46	5.25	6.03	6.54	4.92	3.94	3.22	2.70	2.30	2.00	1.75	1.56	1.39	1.25	1.14	1.03	0.95	0.81
20	0.22	0.41	1.11	1.75	2.37	2.98	3.85	4.71	5.55	6.38	7.06	5.32	4.25	3.48	2.91	2.49	2.16	1.89	1.68	1.50	1.36	1.23	1.12	1.03	0.88
21	0.23	0.43	1.17	1.85	2.50	3.14	4.06	4.97	5.85	6.72	7.60	5.72	4.57	3.74	3.14	2.68	2.32	2.03	1.80	1.62	1.46	1.32	1.21	1.11	0.95
22	0.24	0.46	1.23	1.94	2.63	3.30	4.27	5.22	6.15	7.07	8.15	6.20	4.91	4.01	3.36	2.87	2.49	2.18	1.94	1.74	1.56	1.42	1.30	1.19	1.01
23	0.26	0.48	1.29	2.04	2.76	3.46	4.48	5.48	6.46	7.42	8.68	6.62	5.26	4.30	3.60	3.08	2.67	2.34	2.08	1.86	1.68	1.52	1.39	1.28	1.09
24	0.27	0.50	1.35	2.13	2.89	3.62	4.69	5.74	6.76	7.77	9.09	7.06	5.59	4.57	3.84	3.27	2.83	2.49	2.21	1.97	1.78	1.62	1.48	1.36	1.15
25	0.28	0.52	1.41	2.23	3.02	3.79	4.90	6.00	7.07	8.12	9.50	7.51	5.96	4.88	4.09	3.49	3.02	2.66	2.36	2.10	1.90	1.72	1.57	1.45	1.23
26	0.29	0.55	1.47	2.33	3.15	3.95	5.12	6.26	7.37	8.47	9.91	7.96	6.31	5.16	4.33	3.70	3.21	2.81	2.49	2.23	2.01	1.83	1.67	1.53	1.30
28	0.32	0.59	1.59	2.52	3.41	4.28	5.54	6.78	7.98	9.17	10.7	8.90	7.07	5.78	4.84	4.14	3.59	3.15	2.79	2.50	2.25	2.04	1.87	1.72	1.46
30	0.34	0.64	1.72	2.72	3.68	4.61	5.97	7.30	8.60	9.88	11.6	9.87	7.83	6.39	5.35	4.58	3.97	3.48	3.09	2.76	2.49	2.26	2.06	1.89	1.62
32	0.37	0.68	1.84	2.91	3.94	4.94	6.40	7.83	9.22	10.6	12.4	10.9	8.58	7.04	5.90	5.04	4.37	3.83	3.40	3.04	2.74	2.49	2.27	2.09	0
35	0.40	0.75	2.03	3.21	4.34	5.45	7.05	8.62	10.2	11.7	13.7	12.4	9.85	8.05	6.76	5.76	5.00	4.38	3.89	3.48	3.14	2.85	2.60	2.39	0
40	0.47	0.87	2.34	3.71	5.02	6.29	8.15	9.96	11.7	13.5	15.8	15.2	12.0	9.85	8.28	7.05	6.11	5.36	4.75	4.25	3.83	3.48	0	0	0
45	0.53	0.99	2.66	4.21	5.70	7.14	9.25	11.3	13.3	15.3	17.9	18.1	14.4	11.8	9.85	8.43	7.30	6.41	5.69	5.09	0	0	0	0	0

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 40

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 40** Pitch : 12.70mm (1/2 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I									II											III				
No. of small sprocket teeth	10	25	50	100	200	300	400	500	700	900	1000	1200	1400	1600	1800	2100	2400	2700	3000	3500	4000	5000	6000	7000	8000
9	0.05	0.11	0.21	0.39	0.72	1.04	1.35	1.64	2.23	2.79	3.07	3.62	3.76	3.07	2.57	2.04	1.67	1.40	1.19	0.95	0.78	0.56	0.43	0.34	0.28
10	0.05	0.12	0.23	0.43	0.81	1.16	1.51	1.84	2.49	3.13	3.44	4.05	4.40	3.62	3.01	2.39	1.96	1.64	1.40	1.11	0.91	0.65	0.49	0.40	0.32
11	0.06	0.14	0.26	0.48	0.90	1.29	1.67	2.04	2.76	3.47	3.81	4.49	5.08	4.16	3.48	2.76	2.26	1.90	1.60	1.28	1.05	0.75	0.57	0.46	0.37
12	0.07	0.15	0.28	0.53	0.98	1.42	1.84	2.24	3.04	3.81	4.19	4.93	5.67	4.74	3.96	3.15	2.57	2.16	1.84	1.46	1.19	0.85	0.65	0.51	0.43
13	0.07	0.17	0.31	0.57	1.07	1.54	2.00	2.45	3.31	4.15	4.57	5.38	6.18	5.34	4.47	3.55	2.90	2.43	2.08	1.65	1.35	0.96	0.73	0.58	0.48
14	0.08	0.18	0.33	0.62	1.16	1.67	2.17	2.65	3.59	4.50	4.95	5.83	6.69	5.97	5.00	3.96	3.25	2.72	2.32	1.84	1.51	1.08	0.82	0.65	0.53
15	0.08	0.19	0.36	0.67	1.25	1.80	2.34	2.86	3.87	4.85	5.33	6.28	7.21	6.62	5.54	4.39	3.60	3.01	2.57	2.04	1.67	1.19	0.91	0.72	0.59
16	0.09	0.21	0.39	0.72	1.34	1.93	2.50	3.06	4.14	5.20	5.71	6.73	7.73	7.30	6.10	4.84	3.96	3.32	2.84	2.25	1.84	1.32	1.00	0.80	0.65
17	0.10	0.22	0.41	0.77	1.43	2.06	2.67	3.27	4.42	5.55	6.10	7.19	8.26	7.99	6.69	5.30	4.34	3.64	3.11	2.47	2.02	1.45	1.10	0.87	0.72
18	0.10	0.23	0.44	0.82	1.52	2.20	2.84	3.48	4.71	5.90	6.49	7.64	8.78	8.70	7.28	5.78	4.73	3.96	3.39	2.69	2.21	1.57	1.19	0.95	0
19	0.11	0.25	0.46	0.87	1.62	2.33	3.02	3.69	4.99	6.26	6.88	8.10	9.31	9.44	7.83	6.27	5.13	4.30	3.67	2.92	2.39	1.71	1.30	1.03	0
20	0.12	0.26	0.49	0.92	1.71	2.46	3.19	3.90	5.27	6.61	7.27	8.57	9.84	10.2	8.28	6.77	5.54	4.64	3.96	3.15	2.57	1.84	1.40	1.11	0
21	0.12	0.28	0.52	0.96	1.80	2.59	3.36	4.11	5.56	6.97	7.66	9.03	10.4	11.0	9.24	7.28	5.96	5.00	4.27	3.39	2.77	1.98	1.51	1.19	0
22	0.13	0.29	0.54	1.01	1.89	2.73	3.53	4.32	5.85	7.33	8.06	9.49	10.9	11.8	9.86	7.83	6.39	5.36	4.57	3.63	2.97	2.13	1.62	1.28	0
23	0.13	0.31	0.57	1.06	1.99	2.86	3.71	4.53	6.13	7.69	8.45	9.96	11.4	12.6	10.5	8.36	6.83	5.73	4.89	3.88	3.18	2.28	1.73	1.37	0
24	0.14	0.32	0.60	1.11	2.08	3.00	3.88	4.74	6.42	8.05	8.85	10.4	12.0	13.4	11.2	8.88	7.28	6.10	5.22	4.13	3.39	2.42	1.84	1.46	0
25	0.15	0.33	0.62	1.16	2.17	3.13	4.06	4.96	6.71	8.41	9.25	10.9	12.5	14.1	11.9	9.48	7.76	6.49	5.54	4.39	3.60	2.57	1.96	1.50	0
26	0.15	0.35	0.65	1.21	2.27	3.27	4.23	5.17	7.00	8.78	9.65	11.4	13.1	14.7	12.7	10.1	8.21	6.89	5.88	4.66	3.82	2.73	2.06	1.50	0
28	0.17	0.38	0.71	1.32	2.46	3.54	4.58	5.60	7.58	9.51	10.5	12.3	14.2	16.0	14.2	11.2	9.18	7.68	6.57	5.22	4.27	3.05	2.32	1.70	0
30	0.18	0.41	0.76	1.42	2.65	3.81	4.94	6.04	8.17	10.2	11.3	13.3	15.2	17.2	15.7	12.5	10.1	8.51	7.28	5.78	4.73	3.39	2.57	1.90	0
32	0.19	0.44	0.81	1.52	2.84	4.09	5.29	6.47	8.76	11.0	12.1	14.2	16.3	18.4	17.3	13.7	11.2	9.40	8.06	6.37	5.22	3.73	2.80	2.10	0
35	0.21	0.48	0.90	1.67	3.13	4.50	5.83	7.13	9.65	12.1	13.3	15.7	18.0	20.3	19.8	15.7	12.8	10.7	9.18	7.28	5.96	4.27	3.20	2.40	0
40	0.24	0.56	1.04	1.93	3.61	5.20	6.74	8.24	11.1	14.0	15.4	18.1	20.8	23.5	24.2	19.2	15.7	13.1	11.2	8.88	7.28	5.22	3.80	2.80	0
45	0.28	0.63	1.18	2.20	4.10	5.91	7.65	9.35	12.7	15.9	17.5	20.6	23.6	26.6	28.8	22.8	18.7	15.7	13.4	10.6	8.73	6.50	4.80	3.60	0

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.



Kilowatt Rating Tables

ANSI Standard Roller Chain 50

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 50** Pitch : 15.875mm (0.625 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I								II												III				
No. of small sprocket teeth	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
9	0.10	0.23	0.43	0.80	1.49	2.15	2.78	3.40	4.60	5.77	6.35	5.66	4.49	3.67	3.08	2.44	2.00	1.68	1.43	1.13	0.93	0.78	0.66	0.57	0.51
10	0.11	0.26	0.48	0.90	1.67	2.41	3.12	3.81	5.16	6.47	7.11	6.63	5.26	4.30	3.60	2.87	2.34	1.96	1.68	1.33	1.09	0.91	0.78	0.67	0.59
11	0.12	0.28	0.53	0.99	1.85	2.67	3.46	4.22	5.72	7.17	7.88	7.65	6.07	4.96	4.16	3.30	2.70	2.27	1.93	1.54	1.25	1.05	0.90	0.78	0.69
12	0.14	0.31	0.58	1.09	2.03	2.93	3.80	4.64	6.28	7.88	8.66	8.72	6.91	5.66	4.74	3.76	3.08	2.58	2.20	1.75	1.43	1.20	1.02	0.89	0.78
13	0.15	0.34	0.64	1.19	2.22	3.19	4.14	5.06	6.85	8.59	9.44	9.83	7.76	6.38	5.34	4.25	3.47	2.91	2.48	1.97	1.61	1.35	1.16	1.00	0
14	0.16	0.37	0.69	1.29	2.40	3.46	4.48	5.48	7.42	9.30	10.2	11.0	8.73	7.13	5.98	4.74	3.88	3.25	2.78	2.20	1.81	1.51	1.29	1.12	0
15	0.17	0.40	0.74	1.39	2.59	3.73	4.83	5.91	7.99	10.0	11.0	12.2	9.72	7.91	6.63	5.26	4.30	3.60	3.08	2.44	2.00	1.68	1.43	1.24	0
16	0.19	0.43	0.80	1.49	2.78	4.00	5.18	6.33	8.57	10.7	11.8	13.4	10.7	8.73	7.30	5.79	4.74	3.97	3.39	2.69	2.20	1.84	1.57	1.37	0
17	0.20	0.46	0.85	1.59	2.96	4.27	5.53	6.76	9.15	11.5	12.6	14.7	11.7	9.55	7.98	6.34	5.19	4.35	3.72	2.95	2.41	2.02	1.72	1.50	0
18	0.21	0.49	0.91	1.69	3.15	4.54	5.88	7.19	9.73	12.2	13.4	15.8	12.7	10.4	8.73	6.91	5.66	4.74	4.04	3.21	2.63	2.20	1.88	1.66	0
19	0.23	0.51	0.96	1.79	3.34	4.81	6.24	7.62	10.3	12.9	14.2	16.8	13.8	11.3	9.48	7.46	6.13	5.14	4.39	3.48	2.85	2.39	2.04	1.80	0
20	0.24	0.54	1.01	1.89	3.53	5.09	6.59	8.06	10.9	13.7	15.0	17.7	14.9	12.2	10.2	8.06	6.63	5.55	4.74	3.76	3.08	2.58	2.20	1.94	0
21	0.25	0.57	1.07	2.00	3.72	5.36	6.95	8.49	11.5	14.4	15.8	18.7	16.0	13.1	11.0	8.73	7.14	5.98	5.10	4.04	3.31	2.78	2.37	2.07	0
22	0.26	0.60	1.12	2.10	3.91	5.64	7.31	8.93	12.1	15.2	16.7	19.6	17.2	14.0	11.8	9.33	7.61	6.41	5.47	4.34	3.55	2.98	2.54	2.19	0
23	0.28	0.63	1.18	2.20	4.11	5.92	7.66	9.37	12.7	15.9	17.5	20.6	18.4	15.0	12.6	10.0	8.21	6.85	5.85	4.64	3.80	3.19	2.74	2.34	0
24	0.29	0.66	1.24	2.30	4.30	6.19	8.03	9.81	13.3	16.7	18.3	21.6	19.6	16.0	13.4	10.7	8.73	7.30	6.23	4.95	4.04	3.39	2.94	2.54	0
25	0.30	0.69	1.29	2.41	4.49	6.47	8.39	10.3	13.9	17.4	19.1	22.5	20.8	17.0	14.3	11.3	9.25	7.76	6.63	5.26	4.30	3.60	3.19	2.79	0
26	0.32	0.72	1.35	2.51	4.69	6.75	8.75	10.7	14.5	18.2	20.0	23.5	22.1	18.1	15.1	12.0	9.85	8.21	7.03	5.57	4.57	3.83	3.44	3.04	0
28	0.34	0.78	1.46	2.72	5.08	7.32	9.48	11.6	15.7	19.7	21.6	25.5	24.7	20.1	16.9	13.4	11.0	9.18	7.83	6.23	5.10	4.28	3.74	3.34	0
30	0.37	0.84	1.57	2.93	5.47	7.88	10.2	12.5	16.9	21.2	23.3	27.4	27.4	22.4	18.7	14.8	12.2	10.2	8.73	6.91	5.66	4.84	4.34	3.84	0
32	0.40	0.90	1.69	3.14	5.87	8.45	10.9	13.4	18.1	22.7	25.0	29.4	30.1	24.8	20.7	16.4	13.4	11.3	9.62	7.61	6.23	5.34	4.84	4.34	0
35	0.44	0.99	1.86	3.46	6.46	9.31	12.1	14.7	20.0	25.0	27.5	32.4	34.5	28.4	23.6	18.7	15.4	12.8	11.0	8.73	7.13	6.04	5.34	4.84	0
40	0.50	1.15	2.14	4.00	7.47	10.8	13.9	17.0	23.1	28.9	31.8	37.5	42.1	34.6	28.9	22.9	18.7	15.7	13.4	10.7	9.34	8.34	7.34	6.34	5.34
45	0.57	1.30	2.44	4.54	8.48	12.2	15.8	19.3	26.2	32.8	36.1	42.5	48.9	41.1	34.4	27.3	22.4	18.7	16.0	13.4	11.3	10.34	9.34	8.34	7.34

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 60

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 60** Pitch : 17.05mm (0.750 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																										
	I							II													III						
No. of small sprocket teeth	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000	2500	3000	3500	4000	4500		
9	0.18	0.41	0.76	1.41	2.03	2.63	3.79	4.92	6.01	7.08	8.14	9.17	10.1	8.62	7.45	6.54	5.19	4.25	3.57	3.04	2.18	1.66	1.31	1.07	0.90		
10	0.20	0.45	0.85	1.58	2.28	2.95	4.25	5.51	6.73	7.94	9.12	10.3	11.4	10.1	8.79	7.68	6.08	4.98	4.17	3.56	2.55	1.94	1.54	1.26	1.05		
11	0.22	0.50	0.94	1.75	2.53	3.27	4.71	6.11	7.46	8.80	10.1	11.4	12.7	11.6	10.1	8.88	7.02	5.74	4.81	4.11	2.94	2.24	1.78	1.45	1.22		
12	0.24	0.55	1.03	1.93	2.77	3.59	5.18	6.71	8.20	9.66	11.1	12.5	13.9	13.3	11.6	10.1	7.98	6.54	5.48	4.69	3.35	2.55	2.02	1.66	1.39		
13	0.26	0.60	1.13	2.10	3.03	3.92	5.65	7.31	8.94	10.5	12.1	13.6	15.2	15.0	13.0	11.3	9.03	7.38	6.19	5.28	3.78	2.87	2.28	1.87	0		
14	0.29	0.65	1.22	2.28	3.28	4.25	6.12	7.92	9.69	11.4	13.1	14.8	16.4	16.7	14.5	12.7	10.1	8.28	6.91	5.90	4.22	3.22	2.55	2.09	0		
15	0.31	0.70	1.31	2.45	3.53	4.57	6.59	8.54	10.4	12.3	14.1	15.9	17.7	18.5	16.1	14.0	11.2	9.18	7.68	6.54	4.69	3.56	2.83	2.31	0		
16	0.33	0.75	1.41	2.63	3.79	4.90	7.06	9.15	11.2	13.2	15.1	17.1	19.0	20.4	17.7	15.6	12.3	10.1	8.43	7.21	5.16	3.92	3.11	2.55	0		
17	0.35	0.81	1.50	2.81	4.04	5.24	7.54	9.77	11.9	14.1	16.2	18.2	20.3	22.3	19.4	17.1	13.5	11.0	9.25	7.91	5.65	4.30	3.41	2.79	0		
18	0.38	0.86	1.60	2.98	4.30	5.57	8.02	10.4	12.7	15.0	17.2	19.4	21.6	23.7	21.1	18.6	14.7	12.0	10.1	8.58	6.16	4.69	3.72	3.04	0		
19	0.40	0.91	1.70	3.16	4.56	5.90	8.51	11.0	13.5	15.9	18.2	20.6	22.9	25.1	22.9	20.2	16.0	13.1	10.9	9.33	6.68	5.08	4.03	3.30	0		
20	0.42	0.96	1.79	3.34	4.82	6.24	8.99	11.6	14.2	16.8	19.3	21.7	24.2	26.6	24.7	21.8	17.2	14.1	11.8	10.1	7.21	5.48	4.35	0			
21	0.44	1.01	1.89	3.53	5.08	6.58	9.48	12.3	15.0	17.7	20.3	22.9	25.5	28.0	26.6	23.5	18.5	15.1	12.7	10.8	7.76	5.90	4.69	0			
22	0.47	1.06	1.99	3.71	5.34	6.92	9.96	12.9	15.8	18.6	21.4	24.1	26.8	29.4	28.5	25.2	19.8	16.3	13.6	11.6	8.28	6.33	5.02	0			
23	0.49	1.12	2.08	3.89	5.60	7.26	10.5	13.5	16.6	19.5	22.4	25.3	28.1	30.9	30.5	26.9	21.2	17.4	14.5	12.5	8.88	6.77	5.36	0			
24	0.51	1.17	2.18	4.07	5.87	7.60	10.9	14.2	17.3	20.4	23.5	26.5	29.4	32.3	32.5	28.5	22.6	18.5	15.5	13.3	9.48	7.21	5.72	0			
25	0.54	1.22	2.28	4.26	6.13	7.94	11.4	14.8	18.1	21.3	24.5	27.7	30.7	33.8	34.6	30.3	24.0	19.7	16.5	14.1	10.1	7.68	6.08	0			
26	0.56	1.28	2.38	4.44	6.40	8.29	11.9	15.5	18.9	22.3	25.6	28.9	32.1	35.3	36.7	32.2	25.5	20.9	17.5	14.9	10.7	8.13	6.45	0			
28	0.61	1.38	2.58	4.81	6.93	8.98	12.9	16.7	20.5	24.1	27.7	31.3	34.8	38.2	41.0	36.0	28.5	23.4	19.5	16.7	11.9	9.10	0				
30	0.65	1.49	2.78	5.18	7.46	9.67	13.9	18.0	22.1	26.0	29.9	33.7	37.4	41.2	44.9	39.9	31.6	25.9	21.7	18.5	13.3	10.1	0				
32	0.70	1.60	2.98	5.56	8.00	10.4	14.9	19.3	23.7	27.9	32.0	36.1	40.1	44.1	48.1	43.9	34.8	28.5	23.9	20.4	14.6	11.1	0				
35	0.77	1.76	3.28	6.12	8.82	11.4	16.5	21.3	26.1	30.7	35.3	39.8	44.2	48.6	53.0	50.3	39.8	32.6	27.3	23.4	16.7	12.7	0				
40	0.89	2.03	3.79	7.07	10.2	13.2	19.0	24.6	30.1	35.5	40.7	45.9	51.1	56.2	61.2	61.4	49.0	39.9	33.4	28.5	20.4	0					
45	1.01	2.31	4.30	8.03	11.6	15.0	21.6	28.0	34.2	40.3	46.3	52.2	58.0	63.8	69.5	73.3	58.5	47.5	39.8	34.0	24.3	0					

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.



Kilowatt Rating Tables

ANSI Standard Roller Chain 80

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 80** Pitch : 25.40mm (1.00 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I						II														III				
No. of small sprocket teeth	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
9	0.40	0.91	1.69	3.16	4.55	5.90	8.50	11.0	13.5	15.9	18.2	15.2	12.7	10.8	9.4	8.21	6.54	5.35	4.48	3.83	3.32	2.91	2.44	2.08	1.73
10	0.45	1.02	1.90	3.54	5.10	6.61	9.52	12.3	15.1	17.8	20.4	17.8	14.8	12.7	11.0	9.62	7.68	6.27	5.25	4.48	3.89	3.41	2.86	2.44	2.02
11	0.49	1.13	2.10	3.93	5.65	7.33	10.6	13.7	16.7	19.7	22.6	20.5	17.2	14.6	12.7	11.1	8.80	7.23	6.06	5.17	4.48	3.93	3.30	2.81	1.27
12	0.54	1.24	2.31	4.31	6.21	8.05	11.6	15.0	18.4	21.6	24.9	23.3	19.5	16.6	14.5	12.7	10.1	8.21	6.90	5.89	5.11	4.48	3.76	3.21	0
13	0.59	1.35	2.52	4.70	6.77	8.77	12.6	16.4	20.0	23.6	27.1	26.3	22.2	18.8	16.3	14.3	11.3	9.33	7.76	6.65	5.76	5.06	4.24	3.62	0
14	0.64	1.46	2.73	5.09	7.34	9.51	13.7	17.7	21.7	25.5	29.4	29.4	24.8	21.0	18.2	16.0	12.7	10.4	8.73	7.43	6.44	5.65	4.74	4.04	0
15	0.69	1.58	2.94	5.49	7.90	10.2	14.8	19.1	23.4	27.5	31.6	32.6	27.5	23.3	20.2	17.8	14.1	11.5	9.62	8.21	7.14	6.27	5.25	4.48	0
16	0.74	1.69	3.15	5.88	8.48	11.0	15.8	20.5	25.0	29.5	33.9	35.9	30.3	25.7	22.2	19.5	15.5	12.7	10.6	9.10	7.83	6.90	5.79	4.94	0
17	0.79	1.80	3.37	6.28	9.05	11.7	16.9	21.9	26.7	31.5	36.2	39.3	33.0	28.1	24.4	21.4	16.9	13.9	11.6	9.92	8.58	7.54	6.33	5.41	0
18	0.84	1.92	3.58	6.68	9.63	12.5	18.0	23.3	28.4	33.5	38.5	42.9	35.9	30.7	26.6	23.3	18.5	15.1	12.7	10.8	9.40	8.21	6.90	5.89	0
19	0.89	2.03	3.80	7.08	10.2	13.2	19.0	24.7	30.2	35.5	40.8	46.0	39.0	33.2	28.8	25.3	20.1	16.4	13.7	11.7	10.1	8.95	7.46	6.39	0
20	0.94	2.15	4.01	7.49	10.8	14.0	20.1	26.1	31.9	37.6	43.1	48.7	42.1	35.9	31.1	27.3	21.6	17.8	14.8	12.7	11.0	9.62	8.06	0	
21	0.99	2.27	4.23	7.89	11.4	14.7	21.2	27.5	33.6	39.6	45.5	51.3	45.3	38.6	33.4	29.4	23.3	19.1	16.0	13.7	11.9	10.4	8.73	0	
22	1.04	2.38	4.45	8.30	12.0	15.5	22.3	28.9	35.3	41.6	47.8	53.9	48.5	41.4	35.9	31.5	25.0	20.4	17.2	14.6	12.7	11.1	9.33	0	
23	1.10	2.50	4.67	8.71	12.5	16.2	23.4	30.3	37.1	43.7	50.2	56.6	51.9	44.2	38.3	33.6	26.7	21.9	18.4	15.7	13.6	11.9	10.0	0	
24	1.15	2.62	4.89	9.12	13.1	17.0	24.5	31.7	38.8	45.7	52.5	59.2	55.3	47.5	40.9	35.9	28.5	23.3	19.5	16.6	14.5	12.7	10.6	0	
25	1.20	2.74	5.11	9.53	13.7	17.8	25.6	33.2	40.6	47.8	54.9	61.9	58.8	50.5	43.2	38.1	30.3	24.8	20.7	17.8	15.4	13.5	11.3	0	
26	1.25	2.85	5.33	9.94	14.3	18.5	26.7	34.6	42.3	49.9	57.3	64.6	62.4	53.5	46.1	40.4	32.1	26.3	22.0	18.8	16.3	14.3	12.0	0	
28	1.36	3.09	5.77	10.8	15.5	20.1	28.9	37.5	45.8	54.0	62.1	70.0	69.7	59.8	51.5	45.2	35.9	29.4	24.6	21.0	18.2	16.0	0		
30	1.46	3.33	6.22	11.6	16.7	21.6	31.2	40.4	49.4	58.2	66.9	75.4	77.3	66.3	57.2	50.1	39.8	32.5	27.3	23.3	20.2	17.8	0		
32	1.57	3.57	6.67	12.4	17.9	23.2	33.4	43.3	53.0	62.4	71.7	80.8	85.2	72.7	62.9	55.2	43.8	35.9	30.1	25.7	22.2	19.5	0		
35	1.73	3.94	7.34	13.7	19.7	25.6	36.8	47.7	58.3	68.7	79.0	89.0	97.4	83.2	72.0	63.2	50.1	41.0	34.4	29.4	25.4	0			
40	1.99	4.55	8.48	15.8	22.8	29.5	42.5	55.1	67.4	79.4	91.2	103	114	102	87.3	76.8	61.3	50.1	42.0	35.9	14.9	0			
45	2.26	5.16	9.63	18.0	25.9	33.5	48.3	62.6	76.5	90.2	104	117	130	121	106	91.8	73.1	59.8	50.1	40.4	0				

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 100

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 100** Pitch : 31.75mm (1.25 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I					II										III									
No. of small sprocket teeth	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	2700
9	0.66	1.51	2.82	5.27	7.59	9.83	14.2	18.3	22.4	26.4	22.1	18.1	15.1	13.0	11.2	9.85	8.73	7.83	6.39	5.36	4.57	3.97	3.48	3.09	0
10	0.74	1.70	3.16	5.90	8.50	11.0	15.9	20.6	25.1	29.6	25.9	21.2	17.8	15.1	13.1	11.6	10.2	9.18	7.46	6.28	5.36	4.65	4.08	3.62	0
11	0.82	1.88	3.51	6.54	9.42	12.2	17.6	22.8	27.9	32.8	29.9	24.5	20.5	17.5	15.1	13.3	11.8	10.6	8.65	7.24	6.19	5.36	4.71	0.96	0
12	0.90	2.06	3.85	7.19	10.4	13.4	19.3	25.0	30.6	36.1	34.1	27.8	23.4	19.9	17.3	15.1	13.4	12.0	9.85	8.28	7.05	6.11	5.36	0	0
13	0.99	2.25	4.20	7.84	11.3	14.6	21.1	27.3	33.4	39.3	38.4	31.4	26.3	22.5	19.5	17.1	15.1	13.6	11.1	9.33	7.91	6.89	6.04	0	0
14	1.07	2.44	4.55	8.49	12.2	15.8	22.8	29.6	36.1	42.6	42.9	35.1	29.4	25.1	21.8	19.1	16.9	15.1	12.4	10.1	8.88	7.68	6.75	0	0
15	1.15	2.63	4.90	9.15	13.2	17.1	24.6	31.9	38.9	45.9	47.6	38.9	32.6	27.8	24.2	21.2	18.8	16.8	13.7	11.6	9.85	8.51	7.46	0	0
16	1.23	2.82	5.26	9.81	14.1	18.3	26.4	34.1	41.7	49.2	52.5	42.9	36.0	30.7	26.6	23.4	20.7	18.5	15.1	12.7	10.8	9.40	8.28	0	0
17	1.32	3.01	5.61	10.5	15.1	19.5	28.1	36.5	44.6	52.5	57.5	47.0	39.4	33.6	29.1	25.6	22.7	20.3	16.6	14.0	11.9	10.3	0.59	0	0
18	1.40	3.20	5.97	11.1	16.0	20.8	29.9	38.8	47.4	55.9	62.6	51.2	42.9	36.6	31.7	27.8	24.7	22.1	18.1	15.1	13.0	11.2	0	0	0
19	1.49	3.39	6.33	11.8	17.0	22.0	31.7	41.1	50.3	59.2	67.9	55.6	46.5	39.7	34.4	30.2	26.8	23.9	19.6	16.4	14.0	12.2	0	0	0
20	1.57	3.58	6.69	12.5	18.0	23.3	33.5	43.5	53.1	62.6	71.9	60.0	50.2	42.9	37.2	32.6	28.9	25.9	21.2	17.8	15.1	13.1	0	0	0
21	1.66	3.78	7.05	13.2	18.9	24.5	35.4	45.8	56.0	66.0	75.8	64.6	54.0	46.1	40.0	35.1	31.1	27.8	22.8	19.1	16.3	14.2	0	0	0
22	1.74	3.97	7.41	13.8	19.9	25.8	37.2	48.2	58.9	69.4	79.7	69.2	58.0	49.5	42.9	37.6	33.4	29.8	24.5	20.5	17.5	15.1	0	0	0
23	1.83	4.17	7.78	14.5	20.9	27.1	39.0	50.5	61.8	72.8	83.6	74.0	61.9	52.9	45.8	40.2	35.7	31.9	26.1	21.9	18.7	5.77	0	0	0
24	1.91	4.36	8.14	15.2	21.9	28.4	40.8	52.9	64.7	76.2	87.6	78.9	66.0	56.4	48.9	42.9	38.1	34.0	27.8	23.4	19.9	0	0	0	0
25	2.00	4.56	8.51	15.9	22.9	29.6	42.7	55.3	67.6	79.7	91.5	83.9	70.2	59.9	51.9	45.6	40.4	36.2	29.6	24.8	21.2	0	0	0	0
26	2.09	4.76	8.88	16.6	23.9	30.9	44.5	57.7	70.5	83.1	95.5	89.0	74.5	63.6	55.1	48.3	42.9	38.3	31.4	26.3	22.5	0	0	0	0
28	2.26	5.15	9.62	17.9	25.9	33.5	48.2	62.5	76.4	90.0	103	99.4	83.6	71.0	61.6	54.0	47.9	42.9	35.1	29.4	25.1	0	0	0	0
30	2.43	5.55	10.4	19.3	27.9	36.1	52.0	67.3	82.3	97.0	111	110	92.5	79.1	68.3	59.9	53.1	47.5	38.9	32.6	7.46	0	0	0	0
32	2.61	5.95	11.1	20.7	29.9	38.7	55.7	72.2	88.3	104	119	121	101	86.5	75.4	66.0	58.6	52.4	42.9	33.7	0	0	0	0	0
35	2.88	6.56	12.2	22.8	32.9	42.6	61.4	79.5	97.2	115	132	139	116	99.2	85.8	75.4	67.0	59.9	49.1	41.1	0	0	0	0	0
40	3.32	7.58	14.1	26.4	38.0	49.2	70.9	91.9	112	132	152	170	142	122	105	92.5	82.1	73.2	59.9	0	0	0	0	0	0
45	3.77	8.60	16.1	30.0	43.2	55.9	80.5	104	128	150	173	195	170	145	125	110	97.7	87.3	33.8	0	0	0	0	0	0

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 120

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 120** Pitch : 38.10mm (1/2 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I				II						III														
No. of small sprocket teeth	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100
9	1.22	2.77	5.17	9.65	13.9	18.0	25.9	33.6	41.1	32.2	25.6	21.0	17.5	15.0	13.0	11.4	10.1	9.03	8.13	7.40	6.76	6.20	5.72	5.30	4.92
10	1.36	3.11	5.80	10.8	15.6	20.2	29.1	37.7	46.0	37.8	29.9	24.5	20.5	17.5	15.2	13.4	11.9	10.6	9.55	8.65	7.91	7.27	6.70	6.20	5.77
11	1.51	3.44	6.42	12.0	17.3	22.4	32.2	41.7	51.0	43.6	34.5	28.3	23.7	20.2	17.5	15.4	13.7	12.2	11.0	10.0	9.10	8.36	7.76	7.16	0
12	1.66	3.78	7.06	13.2	19.0	24.6	35.4	45.9	56.1	49.7	39.4	32.2	27.0	23.1	20.0	17.5	15.6	14.0	12.5	11.4	10.4	9.55	8.80	8.13	0
13	1.81	4.12	7.69	14.4	20.7	26.8	38.6	50.0	61.1	56.0	44.4	36.3	30.4	26.0	22.5	19.8	17.5	15.7	14.2	12.8	11.7	10.7	9.92	9.18	0
14	1.96	4.47	8.33	15.6	22.4	29.0	41.8	54.2	66.2	62.6	49.6	40.6	34.0	29.1	25.2	22.1	19.6	17.5	15.8	14.3	13.1	12.0	11.1	6.67	0
15	2.11	4.81	8.98	16.8	24.1	31.3	45.0	58.4	71.3	69.4	55.1	45.1	37.8	32.2	27.9	24.5	21.7	19.5	17.5	15.9	14.5	13.4	12.3	0	0
16	2.26	5.16	9.63	18.0	25.9	33.5	48.3	62.6	76.5	76.5	60.7	49.6	41.6	35.5	30.8	27.0	23.9	21.4	19.3	17.5	16.0	14.7	13.6	0	0
17	2.41	5.51	10.3	19.2	27.6	35.8	51.6	66.8	81.7	83.8	66.4	54.3	45.5	38.9	33.7	29.5	26.3	23.5	21.2	19.2	17.5	16.1	14.8	0	0
18	2.57	5.86	10.9	20.4	29.4	38.1	54.8	71.0	86.9	91.3	72.4	59.2	49.6	42.4	36.7	32.2	28.6	25.6	23.1	21.0	19.1	17.5	8.43	0	0
19	2.72	6.21	11.6	21.6	31.2	40.4	58.1	75.3	92.1	99.0	78.3	64.2	53.8	46.0	39.8	34.9	31.0	27.8	25.0	22.7	20.7	19.0	0	0	0
20	2.88	6.57	12.3	22.9	32.9	42.7	61.5	79.6	97.3	107	85.1	69.3	58.1	49.6	43.0	37.8	33.5	29.9	27.0	24.5	22.4	20.5	0	0	0
21	3.03	6.92	12.9	24.1	34.7	45.0	64.8	83.9	103	115	91.0	74.6	62.5	53.4	46.3	40.6	36.0	32.2	29.1	26.4	24.1	22.1	0	0	0
22	3.19	7.28	13.6	25.3	36.5	47.3	68.1	88.2	108	123	97.7	79.8	67.1	57.2	49.6	43.6	38.6	34.5	31.2	28.3	25.8	12.4	0	0	0
23	3.35	7.64	14.2	26.6	38.3	49.6	71.5	92.6	113	132	104	85.8	71.7	61.2	53.0	46.6	41.3	36.9	33.3	30.2	27.6	0	0	0	0
24	3.50	7.99	14.9	27.8	40.1	51.9	74.8	96.9	118	140	109	91.0	76.1	65.2	56.6	49.6	44.0	39.4	35.5	32.2	29.4	0	0	0	0
25	3.66	8.35	15.6	29.1	41.9	54.3	78.2	101	124	146	119	97.0	81.3	69.3	60.1	52.7	46.8	41.9	37.8	34.2	30.8	0	0	0	0
26	3.82	8.72	16.3	30.4	43.7	56.6	81.6	106	129	152	126	103	85.8	73.6	63.7	56.0	49.6	44.4	40.1	36.3	19.8	0	0	0	0
28	4.14	9.44	17.6	32.9	47.4	61.4	88.4	114	140	165	141	115	96.2	82.1	71.3	62.5	55.4	49.6	44.8	40.6	0	0	0	0	0
30	4.46	10.2	19.0	35.4	51.0	66.1	95.2	123	151	178	156	128	107	91.0	79.1	69.3	61.5	55.1	49.6	31.6	0	0	0	0	0
32	4.78	10.9	20.4	38.0	54.7	70.9	102	132	162	191	172	140	118	101	87.3	76.1	67.7	60.7	54.7	0	0	0	0	0	0
35	5.27	12.0	22.4	41.8	60.3	78.1	112	146	178	210	196	160	134	115	99.2	87.3	77.6	69.3	35.6	0	0	0	0	0	0
40	6.08	13.9	25.9	48.3	69.6	90.2	130	168	206	242	240	196	164	140	122	107	94.8	44.4	0	0	0	0	0	0	0
45	6.91	15.8	29.4	54.9	79.1	102	148	191	234	275	286	234	196	167	145	128	59.7	0	0	0	0	0	0	0	0

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 140

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 140** Pitch : 44.45mm (1.75 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I			II														III							
No. of small sprocket teeth	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
9	1.90	4.34	8.10	15.1	21.8	28.2	34.5	40.6	46.7	52.7	56.2	48.0	41.6	36.5	28.9	23.7	19.8	16.9	14.7	12.9	11.4	10.2	9.25	8.36	761
10	2.13	4.87	9.08	16.9	24.4	31.6	38.6	45.5	52.3	59.0	65.6	56.2	48.6	42.7	33.9	27.8	23.3	19.8	17.2	15.1	13.4	12.0	10.8	9.77	0
11	2.36	5.39	10.1	18.8	27.0	35.0	42.8	50.5	58.0	65.4	72.7	64.9	56.1	49.2	39.1	32.0	26.8	22.9	19.8	17.4	15.4	13.8	12.5	11.3	0
12	2.60	5.92	11.1	20.6	29.7	38.5	47.1	55.4	63.7	71.8	79.9	73.9	64.4	56.1	44.5	36.5	30.6	26.1	22.6	19.8	17.6	15.7	14.2	12.9	0
13	2.83	6.46	12.1	22.5	32.4	42.0	51.3	60.5	69.5	78.3	87.1	83.3	72.6	63.3	50.2	41.2	34.5	29.4	25.5	22.4	19.8	17.8	16.0	14.5	0
14	3.07	7.00	13.1	24.4	35.1	45.5	55.6	65.5	75.2	84.8	94.3	93.1	81.1	70.7	56.1	46.0	38.5	32.9	28.5	25.0	22.2	19.8	17.9	16.3	0
15	3.30	7.54	14.1	26.3	37.8	49.0	59.9	70.6	81.1	91.4	102	103	89.5	78.3	62.2	51.0	42.7	36.5	31.6	27.8	24.6	22.0	19.8	0	
16	3.54	8.08	15.1	28.1	40.5	52.5	64.2	75.7	86.9	98.0	109	114	98.6	86.5	68.6	56.1	47.1	40.1	34.8	30.6	27.1	24.2	21.9	0	
17	3.78	8.63	16.1	30.1	43.3	56.1	68.5	80.8	92.8	105	116	125	108	94.8	75.4	61.5	51.6	44.0	38.1	33.5	29.7	26.6	23.9	0	
18	4.02	9.18	17.1	32.0	46.0	59.6	72.9	85.9	98.7	111	124	136	118	103	82.1	67.0	56.1	47.9	41.6	36.5	32.3	28.9	26.1	0	
19	4.27	9.73	18.2	33.9	48.8	63.2	77.3	91.1	105	118	131	144	128	112	88.8	72.7	60.9	52.0	45.1	39.5	35.1	31.4	28.3	0	
20	4.51	10.3	19.2	35.8	51.6	66.8	81.7	96.3	111	125	139	152	138	120	95.5	78.3	65.7	56.1	48.6	42.7	37.9	33.9	0		
21	4.75	10.8	20.2	37.8	54.4	70.5	86.1	101	117	131	146	161	148	131	103	84.3	70.7	60.4	52.4	46.0	40.7	36.5	0		
22	5.00	11.4	21.3	39.7	57.2	74.1	90.6	107	123	138	154	169	159	140	110	90.3	76.1	64.8	56.1	49.2	43.7	39.1	0		
23	5.24	12.0	22.3	41.7	60.0	77.7	95.0	112	129	145	161	177	170	150	118	97.0	81.3	69.2	60.0	52.7	46.7	41.8	0		
24	5.49	12.5	23.4	43.6	62.8	81.4	99.5	117	135	152	169	186	181	160	126	103	86.5	73.8	63.9	56.1	49.8	44.5	0		
25	5.74	13.1	24.4	45.6	65.6	85.0	104	123	141	159	176	194	193	170	134	110	91.8	78.3	68.0	59.7	52.9	47.4	0		
26	5.99	13.7	25.5	47.5	68.5	88.7	108	128	147	166	184	202	204	180	142	116	97.7	83.6	72.1	63.3	56.1	0			
28	6.48	14.8	27.6	51.5	74.2	96.1	118	138	159	179	199	219	228	200	159	130	109	93.2	80.6	70.7	62.7	0			
30	6.99	15.9	29.7	55.5	79.9	104	127	149	171	193	215	236	253	222	176	144	121	103	89.5	78.3	69.5	0			
32	7.49	17.1	31.9	59.5	85.7	111	136	160	184	207	230	253	276	245	194	159	133	113	98.5	86.5	0				
35	8.25	18.8	35.1	65.5	94.4	122	150	176	202	228	254	279	304	280	222	181	152	130	113	97.0	0				
40	9.53	21.7	40.6	75.7	109	141	173	204	234	264	293	322	351	342	271	222	186	159	133	0					
45	10.8	24.7	46.1	86.0	124	160	196	231	266	299	333	366	399	408	324	265	222	177	69.2	0					

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 160

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 160** Pitch : 50.80mm (2.00 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I			II												III									
No. of small sprocket teeth	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1100	1200	1300	1400
9	2.87	6.54	12.2	22.8	32.8	42.5	51.9	61.2	70.3	74.6	62.9	53.3	46.3	40.7	36.0	32.2	29.0	26.3	24.0	22.1	18.9	16.3	14.3	12.7	0
10	3.21	7.32	13.7	25.5	36.7	47.6	58.2	68.5	78.7	87.4	73.3	62.4	54.2	47.5	42.2	37.7	34.0	30.9	28.2	25.9	22.1	19.2	16.8	14.9	0
11	3.56	8.12	15.1	28.3	40.7	52.7	64.5	76.0	87.3	98.4	84.5	72.1	62.4	54.8	48.6	43.5	39.2	35.6	32.5	29.8	25.4	22.1	19.4	17.2	0
12	3.91	8.92	16.6	31.1	44.7	57.9	70.8	83.5	95.9	108	96.3	82.1	71.2	62.4	55.4	49.5	44.7	40.6	37.0	34.0	29.0	25.1	22.1	19.6	0
13	4.26	9.72	18.1	33.9	48.8	63.2	77.2	91.0	105	118	109	92.5	80.6	70.4	62.4	55.9	50.4	45.7	41.8	38.3	32.8	28.4	24.9	22.1	0
14	4.62	10.5	19.7	36.7	52.8	68.4	83.7	98.6	113	128	121	104	89.5	78.3	69.8	62.4	56.3	51.1	46.7	42.8	36.6	31.7	27.8	24.7	0
15	4.97	11.3	21.2	39.5	56.9	73.7	90.1	106	122	138	135	116	99.2	87.3	77.6	69.2	62.4	56.7	51.8	47.5	40.6	35.1	30.9	0	
16	5.33	12.2	22.7	42.4	61.0	79.1	96.6	114	131	148	148	127	110	96.2	85.1	76.1	68.8	62.4	57.0	52.4	44.7	38.7	34.0	0	
17	5.69	13.0	24.2	45.2	65.2	84.4	103	122	140	158	162	139	120	105	93.3	83.6	75.3	68.4	62.4	57.3	48.9	42.5	37.2	0	
18	6.06	13.8	25.8	48.1	69.3	89.8	110	129	149	168	177	151	131	115	101	91.0	82.1	74.5	68.0	62.4	53.3	46.3	40.6	0	
19	6.42	14.6	27.3	51.0	73.5	95.2	116	137	158	178	192	164	142	125	110	98.5	88.8	80.6	73.8	67.7	57.8	50.1	44.0	0	
20	6.79	15.5	28.9	53.9	77.7	101	123	145	166	188	207	177	153	134	119	107	96.2	87.3	79.8	73.2	62.4	54.2	47.5	0	
21	7.15	16.3	30.5	56.8	81.9	106	130	153	175	198	220	190	165	145	128	115	104	94.0	85.8	78.3	67.2	58.3	51.1	0	
22	7.52	17.2	32.0	59.8	86.1	112	136	161	185	208	231	204	177	155	137	123	111	101	91.8	84.3	72.1	62.4	0		
23	7.89	18.0	33.6	62.7	90.3	117	143	169	194	218	243	218	190	166	147	131	126	107	98.5	90.3	76.8	66.8	0		
24	8.26	18.9	35.2	65.6	94.6	122	150	176	203	229	254	233	203	177	157	140	126	115	104	96.2	82.1	71.2	0		
25	8.64	19.7	36.8	68.6	98.8	128	156	184	212	239	266	247	215	188	166	149	134	122	111	102	87.3	75.4	0		
26	9.01	20.6	38.4	71.6	103	134	163	192	221	249	277	262	228	199	177	158	143	129	118	108	92.5	80.6	0		
28	9.76	22.3	41.6	77.5	112	145	177	208	239	270	300	293	255	222	198	177	160	145	132	121	104	89.5	0		
30	10.5	24.0	44.8	83.5	120	156	191	225	258	291	323	325	283	247	219	196	177	160	146	134	115	0			
32	11.3	25.7	48.0	89.6	129	167	204	241	277	312	347	358	310	272	241	216	195	177	161	148	126	0			
35	12.4	28.3	52.9	98.7	142	184	225	265	305	344	382	410	355	311	276	247	222	202	184	169	134	0			
40	14.3	32.7	61.1	114	164	213	260	306	352	397	441	485	434	383	337	301	272	247	225	192	0				
45	16.3	37.2	69.4	129	186	242	295	348	400	451	501	551	518	457	402	360	312	260	202	141	0				

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 180

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 180** Pitch : 57.15mm (2.00 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																								
	I			II											III										
No. of small sprocket teeth	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150
9	3.70	8.44	15.8	29.4	42.3	54.9	67.1	79.0	90.8	82.0	68.6	58.6	50.8	44.5	39.5	35.4	31.9	28.9	26.4	24.2	22.4	20.7	19.2	18.0	0
10	4.15	9.46	17.7	32.9	47.4	61.5	75.1	88.5	102	96.1	80.6	68.6	59.5	52.2	46.3	41.4	37.4	33.9	31.0	28.4	26.2	24.2	22.5	21.0	0
11	4.60	10.5	19.6	36.5	52.6	68.1	83.3	98.1	113	111	92.5	79.1	68.6	60.2	53.4	47.8	43.1	39.1	35.7	35.0	30.2	28.0	26.0	24.2	0
12	5.05	11.5	21.5	40.1	57.8	74.8	91.5	108	124	126	106	90.3	78.3	68.6	60.9	54.5	49.1	44.5	40.7	37.4	34.5	31.9	29.6	27.7	0
13	5.51	12.6	23.4	43.7	63.0	81.6	99.8	118	135	142	120	101	88.0	76.8	68.6	61.4	55.4	50.3	45.9	42.1	38.9	36.0	33.4	0	0
14	5.96	13.6	25.4	47.4	68.2	88.4	108	127	146	159	133	113	98.5	85.8	76.1	68.6	61.8	56.2	51.3	47.1	43.4	40.2	37.4	0	0
15	6.43	14.7	27.4	51.0	73.5	95.2	116	137	158	176	148	126	109	95.5	85.0	76.1	68.6	62.3	56.8	52.2	48.1	44.5	41.4	0	0
16	6.89	15.7	29.3	54.7	78.8	102	125	147	169	191	163	139	120	105	93.3	83.6	75.3	68.6	62.7	57.6	53.0	49.1	45.7	0	0
17	7.36	16.8	31.3	58.4	84.2	109	133	157	180	203	178	152	132	116	102	91.8	82.8	74.6	68.6	63.0	58.1	53.8	0	0	0
18	7.82	17.8	33.3	62.1	89.5	116	142	167	192	216	194	166	143	126	112	100	90.3	82.1	74.6	68.6	63.3	58.6	0	0	0
19	8.29	18.9	35.3	65.9	94.9	123	150	177	203	229	211	180	155	137	121	108	97.7	88.8	81.3	74.5	68.6	63.6	0	0	0
20	8.77	20.0	37.3	69.6	100	130	159	187	215	242	228	194	168	148	131	117	105	95.5	87.3	80.6	74.1	68.6	0	0	0
21	9.24	21.1	39.3	73.4	106	137	167	197	227	256	245	209	181	159	141	126	113	103	94.0	86.5	79.8	73.9	0	0	0
22	9.72	22.2	41.4	77.2	111	144	176	207	238	269	263	224	194	170	151	135	122	110	101	92.5	85.8	0	0	0	0
23	10.2	23.3	43.4	81.0	117	151	185	218	250	282	281	241	207	182	161	145	131	119	108	99.2	91.8	0	0	0	0
24	10.7	24.3	45.4	84.8	122	158	193	228	262	295	299	257	221	194	172	154	139	126	115	106	97.7	0	0	0	0
25	11.2	25.4	47.5	88.6	128	165	202	238	274	309	318	273	235	207	183	164	148	134	122	113	104	0	0	0	0
26	11.6	26.5	49.5	92.4	133	173	211	248	285	322	337	288	249	219	194	174	157	143	130	119	0	0	0	0	0
28	12.6	28.8	53.7	100	144	187	228	269	309	349	377	322	279	245	217	194	175	159	145	133	0	0	0	0	0
30	13.6	31.0	57.8	108	155	201	246	290	333	376	418	357	309	272	240	216	194	176	161	148	0	0	0	0	0
32	14.6	33.2	62.0	116	167	216	264	311	357	403	448	393	340	299	265	238	214	194	178	0	0	0	0	0	0
35	16.0	36.6	68.3	127	184	238	291	343	394	444	493	450	389	342	303	272	245	217	164	0	0	0	0	0	0
40	18.5	42.3	78.9	147	212	275	336	396	455	513	647	463	429	391	347	297	242	182	0	0	0	0	0	0	0
45	21.0	48.0	89.6	167	241	312	381	449	516	582	507	471	431	383	329	269	202	0	0	0	0	0	0	0	0

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 200

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 200** Pitch : 63.50mm (2.00 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																			
	I					II										III				
No. of small sprocket teeth	10	15	20	30	40	50	70	100	150	200	250	300	350	400	450	500	550	600	650	700
9	4.42	6.37	8.25	11.9	15.4	18.8	25.5	35.1	50.6	65.5	80.1	94.4	108	89.2	74.6	63.7	55.3	48.5	43.0	0
10	4.95	7.14	9.25	13.3	17.3	21.1	28.5	39.4	56.7	73.4	89.8	106	122	105	87.3	74.6	64.7	56.8	50.4	0
11	5.49	7.91	10.2	14.8	19.1	23.4	31.6	43.6	62.8	81.4	99.5	117	135	121	101	85.8	74.6	65.5	58.1	0
12	6.03	8.69	11.3	16.2	21.0	25.7	34.8	47.9	69.0	89.4	109	129	148	137	115	98.5	85.1	74.6	0	0
13	6.58	9.47	12.3	17.7	22.9	28.0	37.9	52.2	75.3	97.5	119	140	161	155	130	110	96.2	84.3	0	0
14	7.13	10.3	13.3	19.2	24.8	30.3	41.1	56.6	81.5	106	129	152	175	173	145	124	107	94.0	0	0
15	7.68	11.1	14.3	20.6	26.7	32.7	44.2	61.0	87.8	114	139	164	188	192	160	137	119	104	0	0
16	8.23	11.9	15.4	22.1	28.7	35.0	47.4	65.4	94.2	122	149	176	202	212	177	151	131	115	0	0
17	8.79	12.7	16.4	23.6	30.6	37.4	50.6	69.8	101	130	159	188	216	232	194	166	143	126	0	0
18	9.35	13.5	17.4	25.1	32.5	39.8	53.9	74.2	107	139	169	200	229	252	212	181	156	137	0	0
19	9.91	14.3	18.5	26.6	34.5	42.2	57.1	78.7	113	147	180	212	243	274	229	195	169	148	0	0
20	10.5	15.1	19.5	28.2	36.5	44.6	60.4	83.2	120	155	190	224	257	290	248	211	183	0	0	0
21	11.0	15.9	20.6	29.7	38.4	47.0	63.6	87.7	126	164	200	236	271	305	267	228	197	0	0	0
22	11.6	16.7	21.7	31.2	40.4	49.4	66.9	92.2	133	172	210	248	285	321	286	244	211	0	0	0
23	12.2	17.5	22.7	32.7	42.4	51.8	70.2	96.8	139	181	221	260	299	337	305	260	226	0	0	0
24	12.8	18.4	23.8	34.3	44.4	54.3	73.5	101	146	189	231	272	313	353	326	278	241	0	0	0
25	13.3	19.2	24.9	35.8	46.4	56.7	76.8	106	152	198	241	285	327	369	346	295	256	0	0	0
26	13.9	20.0	25.9	37.4	48.4	59.2	80.1	110	159	206	252	297	341	385	367	313	272	0	0	0

Type of Lubrication	Manual and Drip Lubrication
I	Manual and Drip Lubrication
II	Bath and Drip Lubrication
III	Force Feed Lubrication

※ To locate more information about Type of Lubrication, refer to 'Method of chain lubrication'.

Kilowatt Rating Tables

ANSI Standard Roller Chain 240

- ▶ This table is only for single stand chains. For more information about multi stands chains.
- ▶ When using a chain in the colored portion of above table, please consult with Dong Bo Chain

■ **DBC 240** Pitch : 76.20mm (3.00 inch)

unit:kw

Type of Lubrication	Speed of Small Sprocket (r.p.m)																				
	I						II												III		
No. of small sprocket teeth	5	10	15	20	25	30	40	50	60	80	100	125	150	175	200	250	300	350	400	450	500
9	4.09	7.63	11.0	14.2	17.4	20.5	26.6	32.5	38.3	49.6	60.6	74.1	87.3	100	113	138	159	126	103	86.5	0
10	4.58	8.55	12.3	16.0	19.5	23.0	29.8	36.4	42.9	55.6	67.9	83.0	97.8	112	127	155	183	148	121	101	0
11	5.08	9.48	13.6	17.7	21.6	25.5	33.0	40.3	47.5	61.6	75.3	92.0	108	125	140	172	202	170	140	116	0
12	5.58	10.4	15.0	19.4	23.7	28.0	36.2	44.3	52.2	67.6	82.7	101	119	137	154	189	222	194	159	0	0
13	6.08	11.3	16.3	21.2	25.9	30.5	39.5	48.3	56.9	73.8	90.2	110	130	149	168	206	242	219	179	0	0
14	6.59	12.3	17.7	22.9	28.0	33.0	42.8	52.3	61.7	79.9	97.7	119	141	162	182	223	263	245	200	0	0
15	7.10	13.2	19.1	24.7	30.2	35.6	46.1	56.4	66.4	86.1	105	129	152	174	196	240	283	271	222	0	0
16	7.61	14.2	20.5	26.5	32.4	38.2	49.5	60.5	71.2	92.3	113	138	163	187	211	257	299	269	245	0	0
17	8.13	15.2	21.8	28.3	34.6	40.8	52.8	64.5	76.1	98.5	120	147	173	199	225	275	300	281	268	0	0
18	8.64	16.1	23.2	30.1	36.8	43.4	56.2	68.7	80.9	105	128	157	185	212	239	292	303	291	281	0	0
19	9.16	17.1	24.6	31.9	39.0	46.0	59.5	72.8	85.8	111	136	166	196	225	253	310	317	304	293	0	0
20	9.69	18.1	26.0	33.7	41.2	48.6	62.9	76.9	90.7	117	144	175	207	238	268	327	330	316	304	0	0
21	10.2	19.1	27.4	35.6	43.5	51.2	66.3	81.1	95.6	124	151	185	218	250	282	345	345	328	314	0	0
22	10.7	20.0	28.9	37.4	45.7	53.8	69.8	85.3	100	130	159	195	229	263	297	346	342	339	315	0	0
23	11.3	21.0	30.3	39.2	47.9	56.5	73.2	89.5	105	137	167	204	240	276	312	370	359	350	334	0	0
24	11.8	22.0	31.7	41.1	50.2	59.2	76.6	93.7	110	143	175	214	252	289	326	396	376	360	0	0	0
25	12.3	23.0	33.1	42.9	52.5	61.8	80.1	97.9	115	149	183	223	263	302	341	410	388	370	0	0	0
26	12.9	24.0	34.6	44.8	54.7	64.5	83.6	102	120	156	191	233	275	315	356	418	397	380	0	0	0

Type of Lubrication	Manual and Drip Lubrication
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