

Maximum Kilowatt Rating

MAXIMUM KILOWATT RATING OF 08B

unit (kW)

No. of Teeth Small Spt.	Maximum R.P.M.-Small Sprocket																			
	10	25	50	100	200	300	400	500	700	900	1000	1200	1400	1600	1800	2100	2400	2700	3000	3500
	Lubrication System																			
	A									B										
11	0.06	0.14	0.27	0.50	0.93	1.34	1.73	2.12	2.87	3.60	3.96	4.66	5.07	4.15	3.48	2.76	2.26	1.89	1.62	1.28
12	0.07	0.16	0.29	0.55	1.02	1.47	1.91	2.33	3.15	3.95	4.35	5.12	5.78	4.73	3.96	3.15	2.58	2.16	1.84	1.46
13	0.08	0.17	0.32	0.60	1.11	1.60	2.08	2.54	3.44	4.31	4.74	5.58	6.41	5.33	4.47	3.55	2.90	2.43	2.08	1.65
14	0.08	0.19	0.35	0.65	1.21	1.74	2.25	2.75	3.72	4.67	5.13	6.05	6.95	5.96	5.00	3.96	3.25	2.72	2.32	1.84
15	0.09	0.20	0.37	0.70	1.30	1.87	2.42	2.96	4.01	5.03	5.53	6.52	7.49	6.61	5.54	4.40	3.60	3.02	2.58	2.04
16	0.09	0.21	0.40	0.75	1.39	2.01	2.60	3.18	4.30	5.39	5.93	6.99	8.03	7.28	6.10	4.84	3.96	3.32	2.84	2.25
17	0.10	0.23	0.43	0.80	1.49	2.14	2.78	3.39	4.59	5.76	6.33	7.46	8.57	7.98	6.69	5.31	4.34	3.64	3.11	2.47
18	0.11	0.24	0.45	0.85	1.58	2.28	2.95	3.61	4.88	6.12	6.73	7.93	9.12	8.69	7.28	5.78	4.73	3.96	3.39	2.69
19	0.11	0.26	0.48	0.90	1.68	2.42	3.13	3.83	5.18	6.49	7.14	8.41	9.66	9.43	7.90	6.27	5.13	4.30	3.67	2.91
20	0.12	0.27	0.51	0.95	1.77	2.55	3.31	4.04	5.47	6.86	7.55	8.89	10.21	10.18	8.53	6.77	5.54	4.64	3.96	3.15
21	0.13	0.29	0.54	1.00	1.87	2.69	3.49	4.26	5.77	7.23	7.95	9.37	10.77	10.95	9.18	7.28	5.96	5.00	4.27	3.39
22	0.13	0.30	0.56	1.05	1.96	2.83	3.67	4.48	6.07	7.61	8.36	9.85	11.32	11.74	9.84	7.81	6.39	5.36	4.57	3.63
23	0.14	0.32	0.59	1.10	2.06	2.97	3.85	4.70	6.37	7.98	8.77	10.34	11.88	12.55	10.52	8.35	6.83	5.73	4.89	3.88
24	0.15	0.33	0.62	1.16	2.16	3.11	4.03	4.92	6.66	8.36	9.19	10.83	12.44	13.38	11.21	8.90	7.28	6.10	5.21	4.14
25	0.15	0.35	0.65	1.21	2.26	3.25	4.21	5.15	6.97	8.73	9.60	11.31	13.00	14.23	11.92	9.46	7.74	6.49	5.54	4.40
26	0.16	0.36	0.68	1.26	2.35	3.39	4.39	5.37	7.27	9.11	10.02	11.80	13.66	15.09	12.64	10.03	8.21	6.88	5.88	4.66
28	0.17	0.39	0.73	1.37	2.55	3.67	4.76	5.82	7.87	9.87	10.85	12.79	14.69	16.57	14.13	11.21	9.18	7.69	6.57	5.21
30	0.19	0.42	0.79	1.47	2.75	3.96	5.13	6.27	8.48	10.63	11.69	13.78	15.83	17.85	15.67	12.44	10.18	8.53	7.28	5.78
32	0.20	0.45	0.85	1.58	2.94	4.24	5.50	6.72	9.09	11.40	12.54	14.77	16.97	19.14	17.27	13.70	11.21	9.40	8.02	6.37
35	0.22	0.50	0.93	1.74	3.24	4.67	6.05	7.40	10.02	12.56	13.81	16.27	18.69	21.08	19.75	15.67	12.83	10.75	9.18	7.28
40	0.25	0.58	1.08	2.01	3.75	5.40	6.99	8.55	11.57	14.51	15.95	18.80	21.59	24.35	24.13	19.15	15.67	13.13	11.21	8.90
45	0.29	0.65	1.22	2.28	4.26	6.13	7.94	9.71	13.14	16.48	18.12	21.35	24.52	27.65	28.79	22.85	18.70	15.67	13.38	10.62

MAXIMUM KILOWATT RATING OF 10B

unit (kW)

No. of Teeth Small Spkt.	Maximum R.P.M.-Small Sprocket																			
	10	25	50	100	200	300	400	500	700	900	1000	1200	1400	1600	1800	2100	2400	2700	3000	3500
	Lubrication System																			
	A									B										C
11	0.09	0.22	0.40	0.75	1.40	2.02	2.61	3.19	4.32	5.42	5.96	7.02	8.06	4.96	4.16	3.30	2.70	2.26	1.93	1.53
12	0.10	0.24	0.44	0.82	1.54	2.22	2.87	3.51	4.75	5.96	6.55	7.71	8.91	5.66	4.74	3.76	3.08	2.58	2.20	1.75
13	0.11	0.26	0.48	0.90	1.68	2.42	3.13	3.83	5.18	6.49	7.14	8.41	9.79	6.38	5.34	4.24	3.47	2.91	2.48	1.97
14	0.12	0.28	0.52	0.97	1.82	2.62	3.39	4.14	5.61	7.03	7.73	9.11	8.71	7.13	5.97	4.74	3.88	3.25	2.78	2.20
15	0.13	0.30	0.56	1.05	1.96	2.82	3.65	4.46	6.04	7.58	8.33	9.82	9.66	7.90	6.62	5.26	4.30	3.61	3.08	2.44
16	0.14	0.32	0.60	1.12	2.10	3.02	3.92	4.79	6.48	8.12	8.93	10.53	10.64	8.71	7.30	5.79	4.74	3.97	3.39	2.69
17	0.15	0.34	0.64	1.20	2.24	3.23	4.18	5.11	6.92	8.67	9.54	11.24	11.65	9.54	7.99	6.34	5.19	4.35	3.71	2.95
18	0.16	0.37	0.68	1.28	2.38	3.43	4.45	5.44	7.36	9.23	10.14	11.95	12.69	10.39	8.71	6.91	5.66	4.74	4.05	3.21
19	0.17	0.39	0.73	1.35	2.53	3.64	4.71	5.76	7.80	9.78	10.75	12.67	13.77	11.27	9.44	7.49	6.13	5.14	4.39	3.48
20	0.18	0.41	0.77	1.43	2.67	3.85	4.98	6.09	8.25	10.34	11.37	13.39	14.87	12.17	10.20	8.09	6.62	5.55	4.74	3.76
21	0.19	0.43	0.81	1.51	2.81	4.05	5.25	6.42	8.69	10.90	11.98	14.12	16.00	13.09	10.97	8.71	7.13	5.97	5.10	4.05
22	0.20	0.46	0.85	1.59	2.96	4.26	5.52	6.75	9.14	11.46	12.60	14.85	17.06	14.04	11.77	9.34	7.64	6.40	5.47	4.34
23	0.21	0.48	0.89	1.66	3.11	4.47	5.80	7.08	9.59	12.02	13.22	15.58	17.89	15.01	12.58	9.98	8.17	6.85	5.85	4.64
24	0.22	0.50	0.93	1.74	3.25	4.68	6.07	7.42	10.04	12.59	13.84	16.31	18.74	16.00	13.41	10.64	8.71	7.30	6.23	4.94
25	0.23	0.52	0.98	1.82	3.40	4.89	6.34	7.75	10.49	13.16	14.47	17.04	19.58	17.01	14.25	11.31	9.26	7.76	6.62	5.26
26	0.24	0.55	1.02	1.90	3.55	5.11	6.62	8.09	10.95	13.73	15.09	17.78	20.43	18.04	15.12	12.00	9.82	8.23	7.03	5.58
28	0.26	0.59	1.10	2.06	3.84	5.53	7.17	8.76	11.86	14.87	16.35	19.26	22.13	20.16	16.89	13.41	10.97	9.20	7.85	6.23
30	0.28	0.64	1.19	2.22	4.14	5.96	7.72	9.44	12.78	16.02	17.61	20.75	23.84	22.36	18.74	14.87	12.17	10.20	8.71	6.91
32	0.30	0.68	1.27	2.38	4.44	6.39	8.28	10.12	13.70	17.18	18.88	22.25	25.56	24.63	20.64	16.38	13.41	11.23	9.59	7.61
35	0.33	0.75	1.40	2.62	4.89	7.04	9.12	11.15	15.09	18.92	20.80	24.51	28.16	28.17	23.61	18.74	15.33	12.85	10.97	8.71
40	0.38	0.87	1.62	3.03	5.65	8.13	10.53	12.88	17.43	21.86	24.03	28.32	32.53	34.42	28.85	22.89	18.74	15.70	13.41	10.64
45	0.43	0.99	1.84	3.44	6.41	9.23	11.96	14.62	19.80	24.82	27.29	32.16	36.94	41.07	34.42	27.31	22.36	18.74	16.00	12.69

MAXIMUM KILOWATT RATING OF 12B

unit (kW)

No. of Teeth Small Spkt.	Maximum R.P.M.-Small Sprocket																			
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000
	Lubrication System																			
	A							B												
11	0.13	0.30	0.56	1.05	1.51	1.96	2.82	3.65	4.46	5.26	6.04	6.81	7.57	8.32	9.07	8.84	7.02	5.74	4.81	4.11
12	0.14	0.33	0.62	1.15	1.66	2.15	3.09	4.01	4.90	5.77	6.63	7.48	8.32	9.14	9.96	10.07	7.99	6.54	5.48	4.68
13	0.16	0.36	0.67	1.25	1.81	2.34	3.37	4.37	5.34	6.29	7.23	8.15	9.07	9.97	10.86	11.36	9.01	7.38	6.18	5.28
14	0.17	0.39	0.73	1.36	1.96	2.54	3.65	4.73	5.79	6.82	7.83	8.83	9.82	10.80	11.77	12.70	10.07	8.25	6.91	5.90
15	0.18	0.42	0.78	1.46	2.11	2.73	3.94	5.10	6.23	7.35	8.44	9.52	10.58	11.63	12.68	13.71	11.17	9.15	7.66	6.54
16	0.20	0.45	0.84	1.57	2.26	2.93	4.22	5.47	6.68	7.88	9.05	10.20	11.35	12.47	13.59	14.70	12.31	10.07	8.44	7.21
17	0.21	0.48	0.90	1.68	2.41	3.13	4.51	5.84	7.14	8.41	9.66	10.89	12.11	13.32	14.51	15.69	13.48	11.03	9.25	7.90
18	0.22	0.51	0.96	1.78	2.57	3.33	4.79	6.21	7.59	8.94	10.28	11.59	12.88	14.17	15.43	16.69	14.69	12.02	10.07	8.60
19	0.24	0.54	1.01	1.89	2.72	3.53	5.08	6.58	8.05	9.48	10.89	12.29	13.66	15.02	16.36	17.70	15.93	13.04	10.93	9.33
20	0.25	0.57	1.07	2.00	2.88	3.73	5.37	6.96	8.51	10.02	11.51	12.98	14.44	15.87	17.29	18.70	17.20	14.08	11.80	10.07
21	0.27	0.60	1.13	2.11	3.03	3.93	5.66	7.33	8.97	10.57	12.14	13.69	15.22	16.73	18.23	19.72	18.51	15.15	12.70	10.84
22	0.28	0.64	1.19	2.21	3.19	4.13	5.95	7.71	9.43	11.11	12.76	14.39	16.00	17.59	19.17	20.73	19.85	16.24	13.61	11.62
23	0.29	0.67	1.25	2.32	3.35	4.34	6.25	8.09	9.89	11.66	13.39	15.10	16.79	18.46	20.11	21.75	21.21	17.36	14.55	12.42
24	0.31	0.70	1.30	2.43	3.50	4.54	6.54	8.47	10.36	12.20	14.02	15.81	17.58	19.33	21.06	22.77	22.61	18.51	15.51	13.24
25	0.32	0.73	1.36	2.54	3.66	4.75	6.83	8.85	10.82	12.75	14.65	16.52	18.37	20.20	22.01	23.80	24.04	19.68	16.49	14.08
26	0.33	0.76	1.42	2.65	3.82	4.95	7.13	9.24	11.29	13.31	15.29	17.24	19.17	21.07	22.96	24.83	25.50	20.87	17.49	14.93
28	0.36	0.83	1.54	2.87	4.14	5.36	7.72	10.01	12.23	14.41	16.56	18.67	20.76	22.83	24.87	26.90	28.50	23.32	19.55	16.69
30	0.39	0.89	1.66	3.10	4.46	5.78	8.32	10.78	13.18	15.53	17.84	20.12	22.37	24.59	26.80	28.98	31.60	25.87	21.68	18.51
32	0.42	0.95	1.78	3.32	4.78	6.19	8.92	11.56	14.13	16.65	19.13	21.57	23.98	26.37	28.73	31.07	34.82	28.50	23.88	20.39
35	0.46	1.05	1.96	3.66	5.27	6.82	9.83	12.73	15.57	18.34	21.07	23.76	26.42	29.05	31.65	34.23	39.32	32.60	27.32	23.32
40	0.53	1.21	2.26	4.22	6.08	7.88	11.35	14.71	17.98	21.19	24.34	27.45	30.52	33.56	36.56	39.54	45.42	39.82	33.37	28.50
45	0.60	1.38	2.57	4.80	6.91	8.95	12.90	16.71	20.42	24.06	27.64	31.17	34.66	38.11	41.52	44.90	51.59	47.52	39.82	34.00

MAXIMUM KILOWATT RATING OF 16B

unit (kW)

No. of Teeth Small Spkt.	Maximum R.P.M.-Small Sprocket																			
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000
	Lubrication System																			
	A						B										C			
11	0.44	1.01	1.88	3.51	5.06	6.55	9.44	12.23	14.95	17.62	20.24	20.45	17.14	14.63	12.68	11.13	8.83	7.23	6.06	5.17
12	0.49	1.11	2.07	3.86	5.56	7.20	10.37	13.44	16.43	19.35	22.23	23.30	19.53	16.67	14.45	12.68	10.06	8.24	6.90	5.89
13	0.53	1.21	2.25	4.21	6.06	7.85	11.31	14.65	17.91	21.10	24.24	26.27	22.02	18.80	16.29	14.30	11.35	9.29	7.78	6.65
14	0.57	1.31	2.44	4.56	6.56	8.50	12.25	15.87	19.40	22.86	26.26	29.36	24.60	21.01	18.21	15.98	12.68	10.38	8.70	7.43
15	0.62	1.41	2.63	4.91	7.07	9.16	13.20	17.10	20.90	24.63	28.29	31.91	27.29	23.30	20.19	17.72	14.06	11.51	9.65	8.24
16	0.66	1.51	2.82	5.26	7.58	9.82	14.15	18.33	22.41	26.41	30.34	34.21	30.06	25.67	22.25	19.53	15.49	12.68	10.63	9.07
17	0.71	1.61	3.01	5.62	8.10	10.49	15.11	19.57	23.93	28.19	32.39	36.53	32.92	28.11	24.37	21.38	16.97	13.89	11.64	9.94
18	0.75	1.72	3.20	5.98	8.61	11.16	16.07	20.82	25.45	29.99	34.45	38.85	35.87	30.63	26.55	23.30	18.49	15.13	12.68	10.83
19	0.80	1.82	3.40	6.34	9.13	11.83	17.04	22.07	26.98	31.79	36.52	41.19	38.90	33.21	28.79	25.27	20.05	16.41	13.75	11.74
20	0.84	1.92	3.59	6.70	9.65	12.50	18.01	23.33	28.52	33.60	38.60	43.53	42.01	35.87	31.09	27.29	21.65	17.72	14.85	12.68
21	0.89	2.03	3.78	7.06	10.17	13.18	18.98	24.59	30.06	35.42	40.69	45.89	45.20	38.59	33.45	29.36	23.30	19.07	15.98	13.64
22	0.93	2.13	3.98	7.43	10.70	13.86	19.96	25.86	31.61	37.25	42.79	48.25	48.47	41.38	35.87	31.48	24.98	20.45	17.14	14.63
23	0.98	2.24	4.18	7.79	11.22	14.54	20.94	27.13	33.16	39.08	44.89	50.63	51.81	44.24	38.34	33.65	26.70	21.86	18.32	15.64
24	1.03	2.34	4.37	8.16	11.75	15.22	21.93	28.41	34.72	40.92	47.00	53.01	55.23	47.15	40.87	35.87	28.47	23.30	19.53	16.67
25	1.07	2.45	4.57	8.53	12.28	15.91	22.91	29.69	36.29	42.76	49.12	55.40	58.71	50.13	43.45	38.14	30.26	24.77	20.76	17.72
26	1.12	2.55	4.77	8.89	12.81	16.60	23.91	30.97	37.86	44.61	51.25	57.79	62.27	53.17	46.08	40.45	32.10	26.27	22.02	18.80
28	1.21	2.77	5.16	9.64	13.88	17.98	25.90	33.55	41.01	48.33	55.52	62.61	69.59	59.42	51.50	45.20	35.87	29.36	24.60	21.01
30	1.31	2.98	5.56	10.38	14.95	19.37	27.90	36.15	44.19	52.07	59.81	67.45	75.00	65.90	57.12	50.13	39.78	32.56	27.29	23.30
32	1.40	3.20	5.96	11.13	16.03	20.77	29.92	38.76	47.38	55.82	64.13	72.32	80.41	72.60	62.93	55.23	43.82	35.87	30.06	25.67
35	1.54	3.52	6.57	12.26	17.66	22.88	32.96	42.69	52.19	61.50	70.65	79.67	88.58	83.04	71.98	63.17	50.13	41.03	34.39	29.36
40	1.78	4.07	7.59	14.16	20.40	26.43	38.07	49.32	60.29	71.04	81.61	92.03	102.32	101.46	87.94	77.18	61.25	50.13	42.01	35.87
45	2.02	4.62	8.62	16.08	23.17	30.01	43.23	56.01	68.47	80.67	92.68	104.51	116.20	121.06	104.93	92.09	73.08	59.82	50.13	---

BS Single Pitch

ANSI Single Pitch

MAXIMUM KILOWATT RATING OF 20B

unit (kW)

No. of Teeth Small Spkt.	Maximum R.P.M.-Small Sprocket																		
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1500	1800
	Lubrication System																		
	A					B										C			
11	0.77	1.76	3.28	6.13	8.83	11.43	16.47	21.34	26.08	30.73	29.86	24.44	20.49	17.49	15.16	13.31	10.56	9.52	7.24
12	0.85	1.93	3.61	6.73	9.70	12.56	18.09	23.44	28.65	33.76	34.03	27.85	23.34	19.93	17.27	15.16	12.03	10.85	8.25
13	0.92	2.11	3.93	7.34	10.57	13.69	19.73	25.55	31.24	36.81	38.37	31.40	26.32	22.47	19.48	17.09	13.57	12.23	9.31
14	1.00	2.28	4.26	7.95	11.45	14.84	21.37	27.68	33.84	39.88	42.88	35.10	29.41	25.11	21.77	19.10	15.16	13.67	10.40
15	1.08	2.46	4.59	8.57	12.34	15.98	23.02	29.83	36.46	42.96	47.56	38.92	32.62	27.85	24.14	21.19	16.81	15.16	11.53
16	1.16	2.64	4.92	9.18	13.23	17.14	24.68	31.98	39.09	46.06	52.39	42.88	35.94	30.68	26.60	23.34	18.52	16.70	12.71
17	1.23	2.82	5.25	9.80	14.12	18.30	26.35	34.14	41.74	49.18	56.50	46.96	39.36	33.60	29.13	25.56	20.29	18.29	13.91
18	1.31	3.00	5.59	10.43	15.02	19.46	28.03	36.32	44.39	52.31	60.10	51.17	42.88	36.61	31.73	27.85	22.10	19.93	15.16
19	1.39	3.18	5.92	11.06	15.93	20.63	29.72	38.50	47.06	55.46	63.71	55.49	46.50	39.71	34.42	30.20	23.97	21.61	16.44
20	1.47	3.36	6.26	11.69	16.83	21.81	31.41	40.69	49.74	58.61	67.34	59.93	50.22	42.88	37.17	32.62	25.89	23.34	17.76
21	1.55	3.54	6.60	12.32	17.74	22.99	33.11	42.90	52.44	61.79	70.98	64.48	54.04	46.14	39.99	35.10	27.85	25.11	19.10
22	1.63	3.72	6.94	12.95	18.66	24.17	34.82	45.11	55.14	64.97	74.64	69.14	57.94	49.47	42.88	37.63	29.86	26.93	20.49
23	1.71	3.90	7.28	13.59	19.58	25.36	36.53	47.32	57.85	68.17	78.31	73.90	61.94	52.88	45.84	40.23	31.92	28.79	21.90
24	1.79	4.09	7.63	14.23	20.50	26.55	38.25	49.55	60.57	71.37	81.99	78.78	66.02	56.37	48.86	42.88	34.03	30.68	23.34
25	1.87	4.27	7.97	14.87	21.42	27.75	39.97	51.78	63.30	74.59	85.69	83.75	70.19	59.93	51.94	45.59	36.18	32.62	24.82
26	1.95	4.46	8.31	15.51	22.35	28.95	41.70	54.02	66.04	77.82	89.40	88.83	74.44	63.56	55.09	48.35	38.37	34.60	26.32
28	2.12	4.83	9.01	16.81	24.21	31.36	45.18	58.53	71.54	84.30	96.85	99.27	83.19	71.03	61.57	54.04	42.88	38.66	29.41
30	2.28	5.20	9.70	18.11	26.08	33.79	48.67	63.05	77.08	90.82	104.34	110.09	92.26	78.78	68.28	59.93	47.56	42.88	32.62
32	2.44	5.58	10.40	19.41	27.96	36.23	52.18	67.60	82.64	97.38	111.87	121.28	101.64	86.78	75.22	66.02	52.39	47.24	35.94
35	2.69	6.14	11.46	21.39	30.81	39.91	57.49	74.47	91.04	107.27	123.24	138.73	116.27	99.27	86.05	75.52	59.93	54.04	---
40	3.11	7.09	13.24	24.70	35.58	46.10	66.40	86.03	105.16	123.91	142.35	160.53	142.05	121.28	105.13	92.26	73.22	66.02	---
45	3.53	8.06	15.03	28.06	40.41	52.35	75.41	97.70	119.43	140.72	161.67	182.31	169.50	144.72	125.44	110.09	---	---	---

ANSI Double Pitch

ENGL. 81X

MAXIMUM KILOWATT RATING OF 24B

unit (kW)

No. of Teeth Small Spkt.	Maximum R.P.M.-Small Sprocket																	
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400
	Lubrication System																	
	A				B								C					
11	1.38	3.15	5.87	10.96	15.78	20.44	29.45	38.15	46.63	43.54	34.55	28.28	23.70	20.24	17.54	15.39	13.65	12.22
12	1.52	3.46	6.45	12.03	17.33	22.46	32.35	41.91	51.23	49.61	39.37	32.23	27.01	23.06	19.99	17.54	15.56	13.92
13	1.65	3.77	7.03	13.12	18.90	24.49	35.27	45.69	55.85	55.94	44.39	36.34	30.45	26.00	22.54	19.78	17.54	15.70
14	1.79	4.08	7.62	14.21	20.47	26.53	38.21	49.50	60.51	62.52	49.61	40.61	34.03	29.06	25.19	22.10	19.60	17.45
15	1.93	4.40	8.21	15.31	22.06	28.58	41.16	53.33	65.19	69.34	55.02	45.04	37.74	32.23	27.93	24.51	21.74	19.45
16	2.07	4.72	8.80	16.42	23.65	30.64	44.13	57.18	69.89	76.39	60.62	49.61	41.58	35.50	30.77	27.01	23.95	21.43
17	2.21	5.03	9.39	17.53	25.25	32.71	47.12	61.05	74.62	83.66	66.39	54.34	45.54	38.88	33.70	29.58	26.23	23.47
18	2.35	5.35	9.99	18.65	26.86	34.80	50.12	64.93	79.38	91.15	72.33	59.20	49.61	42.36	36.72	32.23	28.58	25.57
19	2.49	5.68	10.59	19.77	28.47	36.89	53.13	68.84	84.15	98.85	78.44	64.20	53.81	45.94	39.82	34.95	30.99	27.73
20	2.63	6.00	11.20	20.89	30.10	38.99	56.16	72.76	88.94	104.80	84.71	69.34	58.11	49.61	43.00	37.74	33.47	29.95
21	2.77	6.32	11.80	22.02	31.72	41.10	59.20	76.70	93.75	110.47	91.15	74.60	62.52	53.38	46.27	40.61	36.01	32.23
22	2.92	6.65	12.41	23.16	33.36	43.22	62.25	80.65	98.58	116.16	97.73	79.99	67.04	57.24	49.61	43.54	38.62	34.55
23	3.06	6.98	13.02	24.30	35.00	45.34	65.31	84.61	103.43	121.88	104.47	85.51	71.66	61.19	53.04	46.55	41.28	36.94
24	3.20	7.31	13.63	25.44	36.65	47.48	68.38	88.59	108.30	127.61	111.36	91.15	76.39	65.22	56.53	49.61	44.00	39.37
25	3.35	7.64	14.25	26.59	38.30	49.62	71.47	92.59	113.18	133.36	118.39	96.90	81.21	69.34	60.10	52.75	46.78	41.86
26	3.49	7.97	14.86	27.74	39.95	51.76	74.56	96.59	118.08	139.13	125.57	106.13	86.13	73.54	63.74	55.94	49.61	44.39
28	3.78	8.63	16.10	30.05	43.28	56.08	80.77	104.64	127.91	150.72	140.33	114.86	96.26	82.19	71.24	62.52	55.45	49.61
30	4.08	9.30	17.35	32.37	46.63	60.41	87.02	112.74	137.81	162.38	155.63	127.38	106.75	91.15	79.00	69.34	61.49	55.02
32	4.37	9.97	18.60	34.71	50.00	64.77	93.30	120.87	147.76	174.11	171.45	140.33	117.60	100.41	87.04	76.39	67.74	60.62
35	4.81	10.98	20.49	38.24	55.08	71.36	102.78	133.16	162.77	191.80	196.12	160.52	134.52	114.86	99.56	87.38	77.49	---
40	5.56	12.68	23.67	44.17	63.62	82.43	118.73	153.81	188.02	221.55	239.61	196.12	164.36	140.33	121.64	---	---	---
45	6.32	14.41	26.88	50.16	72.26	93.61	134.83	174.68	213.53	251.61	285.91	234.02	196.12	167.45	---	---	---	---

MAXIMUM KILOWATT RATING OF 28B

unit (kW)

No. of Teeth Small Spkt.	Maximum R.P.M.-Small Sprocket																		
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	700	800	900	1000	
	Lubrication System																		
	A				B										C				
11	2.21	5.05	9.42	17.58	25.32	32.80	40.10	47.25	54.28	61.21	68.06	64.75	56.13	49.26	39.09	31.99	26.81	22.89	
12	2.43	5.55	10.35	19.31	27.81	36.03	44.05	51.90	59.63	67.24	74.76	73.78	63.95	56.13	44.54	36.45	30.55	26.08	
13	2.65	6.05	11.28	21.05	30.33	39.29	48.03	56.59	65.01	73.31	81.51	83.19	72.11	63.29	50.22	41.11	34.45	29.41	
14	2.87	6.55	12.22	22.81	32.85	42.56	52.03	61.31	70.43	79.42	88.30	92.97	80.59	70.73	56.13	45.94	38.50	32.87	
15	3.09	7.06	13.17	24.57	35.39	45.85	56.05	66.05	75.88	85.57	95.13	103.11	89.37	78.44	62.25	50.95	42.70	36.45	
16	3.32	7.57	14.12	26.35	37.95	49.16	60.10	70.82	81.35	91.74	102.00	112.15	98.46	86.41	68.57	56.13	47.04	40.16	
17	3.54	8.08	15.07	28.13	40.52	52.49	64.17	75.61	86.86	97.95	108.90	119.74	107.83	94.64	75.10	61.47	51.51	43.98	
18	3.77	8.59	16.03	29.92	43.10	55.83	68.25	80.42	92.39	104.19	115.84	127.36	117.49	103.11	81.82	66.97	56.13	47.92	
19	3.99	9.11	17.00	31.72	45.69	59.19	72.36	85.26	97.95	110.45	122.80	135.02	127.41	111.82	88.74	72.63	60.87	51.97	
20	4.22	9.63	17.97	33.53	48.29	62.56	76.48	90.11	103.52	116.74	129.80	142.71	137.60	120.76	95.83	78.44	65.74	56.13	
21	4.45	10.15	18.94	35.34	50.90	65.95	80.61	94.99	109.13	123.06	136.82	150.43	148.05	129.93	103.11	84.39	70.73	60.39	
22	4.68	10.67	19.91	37.16	53.53	69.34	84.77	99.88	114.75	129.40	143.87	158.18	158.75	139.32	110.56	90.49	75.84	64.75	
23	4.91	11.20	20.89	38.99	56.16	72.75	88.94	104.80	120.39	135.77	150.95	165.96	169.69	148.93	118.19	96.73	81.07	69.22	
24	5.14	11.72	21.88	40.82	58.80	76.18	93.12	109.73	126.05	142.15	158.05	173.77	180.88	158.75	125.98	103.11	86.41	73.78	
25	5.37	12.25	22.86	42.66	61.45	79.61	97.32	114.67	131.74	148.56	165.17	181.60	192.30	168.77	133.93	109.62	91.87	78.44	
26	5.60	12.78	23.85	44.51	64.11	83.06	101.53	119.63	137.44	154.99	172.32	189.46	203.95	179.00	142.05	116.26	97.43	83.19	
28	6.07	13.85	25.84	48.22	69.45	89.98	109.99	129.60	148.89	167.90	186.68	205.24	223.63	200.05	158.75	129.93	108.89	92.97	
30	6.54	14.92	27.84	51.95	74.82	96.94	118.50	139.63	160.41	180.89	201.12	221.12	240.93	221.86	176.06	144.10	120.76	103.11	
32	7.01	15.99	29.85	55.70	80.23	103.93	127.05	149.71	171.99	193.95	215.64	237.08	258.32	244.41	193.95	158.75	133.04	113.59	
35	7.72	17.62	32.88	61.36	88.38	114.50	139.96	164.92	189.46	213.66	237.55	261.18	284.57	279.57	221.86	181.59	152.18	129.93	
40	8.92	20.35	37.98	70.88	102.09	132.26	161.67	190.50	218.85	246.80	274.40	301.69	328.72	341.57	271.06	221.86	---	---	
45	10.13	23.11	43.13	80.49	115.94	150.20	183.60	216.35	248.54	280.28	311.62	342.62	373.31	403.71	323.44	---	---	---	

MAXIMUM KILOWATT RATING OF 32B

unit (kW)

No. of Teeth Small Spkt.	Maximum R.P.M.-Small Sprocket																		
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	
	Lubrication System																		
	A			B										C					
11	2.81	6.41	11.96	22.31	32.14	41.64	50.90	59.98	68.90	77.70	84.39	72.05	62.45	54.81	48.61	43.50	39.22	35.60	
12	3.09	7.04	13.14	24.51	35.31	45.74	55.92	65.89	75.69	85.36	94.90	82.10	71.16	62.45	55.39	49.56	44.69	40.56	
13	3.36	7.68	14.32	26.73	38.50	49.87	60.97	71.84	82.53	93.07	103.47	92.57	80.24	70.42	62.45	55.88	50.39	45.74	
14	3.65	8.31	15.52	28.95	41.70	54.03	66.05	77.82	89.40	100.82	112.10	103.45	89.67	78.70	69.80	62.45	56.31	51.12	
15	3.93	8.96	16.72	31.19	44.93	58.21	71.15	83.84	96.32	108.62	120.77	114.73	99.45	87.28	77.41	69.26	62.45	56.69	
16	4.21	9.60	17.92	33.44	48.17	62.41	76.29	89.90	103.27	116.46	129.49	126.40	109.56	96.15	85.27	76.30	68.80	62.45	
17	4.50	10.25	19.14	35.71	51.43	66.63	81.45	95.98	110.26	124.34	138.25	138.43	119.99	105.31	93.39	83.57	75.35	68.40	
18	4.78	10.91	20.35	37.98	54.71	70.88	86.64	102.09	117.28	132.26	147.05	150.82	130.73	114.73	101.75	91.05	82.10	74.52	
19	5.07	11.56	21.58	40.27	58.00	75.14	91.85	108.23	124.34	140.21	155.89	163.56	141.77	124.43	110.35	98.74	89.03	80.82	
20	5.36	12.22	22.81	42.56	61.30	79.42	97.08	114.39	131.42	148.20	164.77	176.65	153.11	134.38	119.18	106.64	96.15	87.28	
21	5.65	12.88	24.04	44.86	64.62	83.72	102.33	120.58	138.53	156.22	173.69	190.06	164.74	144.58	128.22	114.73	103.45	93.91	
22	5.94	13.55	25.28	47.17	67.95	88.03	107.61	126.80	145.67	164.27	182.64	200.80	176.65	155.03	137.49	123.03	110.93	100.70	
23	6.23	14.21	26.52	49.49	71.29	92.36	112.90	133.03	152.83	172.35	191.62	210.68	188.82	165.72	146.97	131.51	118.58	107.64	
24	6.52	14.88	27.77	51.82	74.64	96.70	118.21	139.29	160.02	180.45	200.63	220.59	201.27	176.65	156.66	140.18	126.40	114.73	
25	6.82	15.55	29.02	54.16	78.01	101.06	123.54	145.57	167.23	188.59	209.68	230.53	213.98	187.80	166.55	149.03	134.38	121.98	
26	7.11	16.23	30.28	56.50	81.38	105.43	128.88	151.87	174.47	196.75	218.75	240.51	226.95	199.18	176.65	158.06	142.52	129.37	
28	7.71	17.58	32.80	61.21	88.16	114.22	139.62	164.52	189.00	213.14	236.98	260.55	253.63	222.60	197.41	176.65	159.28	144.58	
30	8.30	18.94	35.34	65.94	94.98	123.05	150.42	177.25	203.63	229.63	255.31	280.70	281.29	246.87	218.94	195.91	176.65	160.35	
32	8.90	20.30	37.89	70.70	101.84	131.94	161.28	190.04	218.33	246.20	273.74	300.96	309.88	271.96	241.19	215.82	194.60	176.65	
35	9.81	22.37	41.74	77.89	112.19	145.35	177.67	209.35	240.51	271.22	301.55	331.55	354.46	311.09	275.89	246.87	222.60	---	
40	11.33	25.84	48.21	89.97	129.59	167.89	205.24	241.83	277.82	313.30	348.33	382.98	417.28	380.08	337.08	---	---	---	
45	12.86	29.34	54.75	102.18	147.17	190.67	233.08	274.64	315.51	355.80	395.59	434.93	473.89	453.53	---	---	---	---	

BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information