

0.25 HP, 1440 RPM 63 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
440.37	0.39	3.27	1V02	1V02	1V02	1440
396.69	0.43	3.63	1V02	1V02	1V02	1440
349.51	0.49	4.12	1V02	1V02	1V02	1440
296.91	0.57	4.85	1V02	1V02	1V02	1440
240.00	0.71	6	1V02	1V02	1V02	1440
134.45	1.20	10.71	2V02	2V02	2V02	1440
121.11	1.33	11.89	2V02	2V02	2V02	1440
109.17	1.48	13.19	2V02	2V02	2V02	1440
96.13	1.68	14.98	2V02	2V02	2V02	1440
84.61	1.90	17.02	2V02	2V02	2V02	1440
72.04	2.24	19.99	2V02	2V02	2V02	1440
66.09	2.44	21.79	2V02	2V02	2V02	1440
58.18	2.77	24.75	2V02	2V02	2V02	1440
49.54	3.25	29.07	2V02	2V02	2V02	1440
40.00	4.03	36	2V02	2V02	2V02	1440
32.59	4.67	44.18	3V02	3V02	3V02	1440
29.37	5.18	49.03	3V02	3V02	3V02	1440
26.47	5.75	54.41	3V02	3V02	3V02	1440
23.30	6.53	61.8	3V02	3V02	3V02	1440
20.52	7.42	70.19	3V02	3V02	3V03	1440
18.20	8.36	79.14	3V02	3V03	3V03	1440
16.02	9.50	89.89	3V02	3V03	3V03	1440
14.87	10.24	96.87	3V02	3V03	3V03	1440
13.64	11.16	105.6	3V03	3V03	3V03	1440
12.01	12.68	119.94	3V03	3V03	3V03	1440
11.01	13.82	130.75	3V03	3V03	3V03	1440
10.22	14.89	140.9	3V03	3V03	3V03	1440
9.70	15.69	148.5	3V03	3V03	3V03	1440
8.25	18.44	174.45	3V03	3V03	3V04	1440
6.67	22.83	216	3V03	3V04	3V04	1440

0.5 HP, 1440 RPM 71 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
440.37	0.77	3.27	1V02	1V02	1V02	1440
396.69	0.86	3.63	1V02	1V02	1V02	1440
349.51	0.97	4.12	1V02	1V02	1V02	1440
296.91	1.15	4.85	1V02	1V02	1V02	1440
240.00	1.42	6	1V02	1V02	1V02	1440
134.45	2.64	10.71	2V02	2V02	2V02	1440
121.11	2.93	11.89	2V02	2V02	2V02	1440
109.17	3.25	13.19	2V02	2V02	2V02	1440
96.13	3.69	14.98	2V02	2V02	2V02	1440
84.61	4.19	17.02	2V02	2V02	2V02	1440
72.04	4.92	19.99	2V02	2V02	2V02	1440
66.09	5.36	21.79	2V02	2V02	2V02	1440
58.18	6.09	24.75	2V02	2V02	2V02	1440
49.54	7.16	29.07	2V02	2V02	2V03	1440
40.00	8.86	36	2V02	2V03	2V03	1440
32.59	9.34	44.18	3V02	2V03	2V03	1440
29.37	10.36	49.03	3V02	3V03	3V03	1440
26.47	11.50	54.41	3V03	3V03	3V03	1440
23.30	13.06	61.8	3V03	3V03	3V03	1440
20.52	14.84	70.19	3V03	3V03	3V03	1440
18.20	16.73	79.14	3V03	3V03	3V04	1440
16.02	19.00	89.89	3V03	3V03	3V04	1440
14.87	20.48	96.87	3V03	3V03	3V04	1440
13.64	22.32	105.6	3V03	3V04	3V04	1440
12.01	25.35	119.94	3V03	3V03	3V03	1440
11.01	27.64	130.75	3V04	3V04	3V04	1440
10.22	29.78	140.9	3V04	3V04	3V04	1440
9.70	31.39	148.5	3V04	3V04	3V04	1440
8.25	36.87	174.45	3V04	3V04	3V04	1440
6.67	45.66	216	3V04	3V04	3V05	1440

0.75 HP, 1440 RPM 80 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
440.37	1.16	3.27	1V02	1V02	1V02	1440
396.69	1.29	3.63	1V02	1V02	1V02	1440
349.51	1.46	4.12	1V02	1V02	1V02	1440
296.91	1.72	4.85	1V02	1V02	1V02	1440
240.00	2.13	6	1V02	1V02	1V02	1440
134.45	3.60	10.71	2V02	2V02	2V02	1440
121.11	3.99	11.89	2V02	2V02	2V02	1440
109.17	4.43	13.19	2V02	2V02	2V02	1440
96.13	5.03	14.98	2V02	2V02	2V02	1440
84.61	5.71	17.02	2V02	2V02	2V02	1440
72.04	6.71	19.99	2V02	2V02	2V03	1440
66.09	7.32	21.79	2V02	2V03	2V03	1440
58.18	8.31	24.75	2V02	2V03	2V03	1440
49.54	9.76	29.07	2V03	2V03	2V03	1440
40.00	12.09	36	2V03	2V03	2V03	1440
33.51	14.43	43	2V03	2V03	2V03	1441
25.75	18.77	56	2V03	3V03	2V04	1442
23.30	19.59	61.8	3V03	3V03	3V04	1440
20.52	22.25	70.19	3V03	3V04	3V04	1440
18.20	25.09	79.14	3V03	3V04	3V04	1440
16.02	28.50	89.89	3V04	3V04	3V04	1440
14.87	30.71	96.87	3V04	3V04	3V04	1440
13.64	33.48	105.6	3V04	3V04	3V04	1440
12.01	38.03	119.94	3V04	3V04	3V04	1440
11.01	41.46	130.75	3V04	3V04	3V05	1440
10.22	44.67	140.9	3V04	3V04	3V05	1440
9.70	47.08	148.5	3V04	3V04	3V05	1440
8.25	55.31	174.45	3V04	3V05	3V05	1440
6.67	68.49	216	3V04	3V05	3V05	1440
5.36	85.23	269	3V05	3V05	3V05	1441

Note- Other reduction ratios are available on request. For More details please contact: Vijay Engg. Works, Satara, Tel :02162-240314, 09881732219, 09923571087

1 HP, 1440 RPM 80 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
440.37	1.55	3.27	1V02	1V02	1V02	1440
396.69	1.72	3.63	1V02	1V02	1V02	1440
349.51	1.95	4.12	1V02	1V02	1V02	1440
296.91	2.29	4.85	1V02	1V02	1V02	1440
240.00	2.83	6	1V02	1V02	1V02	1440
134.45	4.79	10.71	2V02	2V02	2V02	1440
121.11	5.32	11.89	2V02	2V02	2V02	1440
109.17	5.90	13.19	2V02	2V02	2V03	1440
96.13	6.71	14.98	2V02	2V02	2V03	1440
84.61	7.62	17.02	2V02	2V03	2V03	1440
72.04	8.95	19.99	2V03	2V03	2V03	1440
66.09	9.75	21.79	2V03	2V03	2V03	1440
58.18	11.08	24.75	2V03	2V03	2V03	1440
49.54	13.01	29.07	2V03	2V03	2V03	1440
40.00	16.11	36	2V03	2V03	2V04	1440
33.51	19.23	43	2V03	2V04	2V04	1441
25.75	25.03	56	3V03	2V04	3V04	1442
23.30	26.13	61.8	3V03	3V04	3V04	1440
20.52	29.67	70.19	3V04	3V04	3V04	1440
18.20	33.46	79.14	3V04	3V04	3V04	1440
16.02	38.00	89.89	3V04	3V04	3V04	1440
14.87	40.95	96.87	3V04	3V04	3V05	1440
13.64	44.64	105.6	3V04	3V04	3V05	1440
12.01	50.71	119.94	3V04	3V05	3V05	1440
11.01	55.28	130.75	3V04	3V05	3V05	1440
10.22	59.57	140.9	3V04	3V05	3V05	1440
9.70	62.78	148.5	3V04	3V05	3V05	1440
8.25	73.75	174.45	3V05	3V05	3V05	1440
6.67	91.32	216	3V05	3V06	3V06	1440
5.35	113.72	269	3V05	3V06	4V06	1440

1.5 HP, 1440 RPM 90 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
413.79	2.47	3.48	1V03	1V03	1V03	1440
376.96	2.71	3.82	1V03	1V03	1V03	1440
338.03	3.02	4.26	1V03	1V03	1V03	1440
295.08	3.46	4.88	1V03	1V03	1V03	1440
249.57	4.09	5.77	1V03	1V03	1V03	1440
200.00	4.83	7.2	1V03	1V03	1V03	1440
115.76	8.35	12.44	2V33	2V33	2V33	1440
102.86	9.40	14	2V33	2V33	2V33	1440
90.00	10.74	16	2V33	2V33	2V33	1440
82.29	11.75	17.5	2V33	2V33	2V33	1440
80.00	12.09	18	2V33	2V33	2V33	1440
66.09	14.63	21.79	2V33	2V33	2V33	1440
58.18	16.62	24.75	2V33	2V04	2V04	1440
49.54	19.52	29.07	2V33	2V04	2V04	1440
40.00	24.17	36	2V04	2V04	2V04	1440
33.51	28.85	43	2V04	2V04	2V04	1441
25.75	35.46	56	2V04	2V04	3V44	1442
23.30	39.19	61.8	3V44	3V44	3V44	1440
20.52	44.51	70.19	3V44	3V44	3V05	1440
18.20	50.19	79.14	3V44	3V44	3V05	1440
16.02	57.00	89.89	3V44	3V05	3V05	1440
14.87	61.43	96.87	3V44	3V05	3V05	1440
13.64	66.96	105.6	3V44	3V05	3V05	1440
12.01	76.06	119.94	3V05	3V05	3V05	1440
11.01	82.91	130.75	3V05	3V05	3V05	1440
10.22	89.35	140.9	3V05	3V05	3V05	1440
9.70	94.17	148.5	3V05	3V05	3V06	1440
8.25	110.62	174.45	3V05	3V05	3V06	1440
6.67	136.97	216	3V05	3V06	3V06	1440
5.36	170.46	269	3V05	3V06	3V07	1441

2 HP, 1440 RPM 90 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
413.79	3.29	3.48	1V03	1V03	1V03	1440
376.96	2.71	3.82	1V03	1V03	1V03	1440
338.03	3.02	4.26	1V03	1V03	1V03	1440
295.08	3.46	4.88	1V03	1V03	1V03	1440
200.00	5.10	7.2	1V03	1V03	1V03	1440
115.76	11.14	12.44	1V03	1V03	1V03	1440
102.86	12.53	14	2V33	2V33	2V33	1440
90.00	14.32	16	2V33	2V04	2V04	1440
82.29	15.67	17.5	2V33	2V04	2V04	1440
80.00	16.11	18	2V33	2V04	2V04	1440
72.04	17.90	19.99	2V33	2V04	2V04	1440
66.09	19.51	21.79	2V04	2V04	2V04	1440
58.18	22.16	24.75	2V04	2V04	2V04	1440
49.54	26.02	29.07	2V04	2V04	2V04	1440
40.00	32.23	36	2V04	2V04	2V04	1440
33.51	38.47	43	2V04	2V04	2V04	1441
25.75	47.28	56	3V44	2V44	3V44	1442
23.30	52.25	61.8	3V44	3V05	3V05	1440
20.52	59.35	70.19	3V44	3V05	3V05	1440
18.20	66.91	79.14	3V44	3V05	3V05	1440
16.02	76.00	89.89	3V05	3V05	3V05	1440
14.87	81.90	96.87	3V05	3V05	3V05	1440
13.64	89.29	105.6	3V05	3V05	3V05	1440
12.01	101.41	119.94	3V05	3V05	3V06	1440
11.01	110.55	130.75	3V05	3V05	3V06	1440
10.22	119.13	140.9	3V05	3V05	3V06	1440
9.70	125.56	148.5	3V05	3V06	3V06	1440
8.25	147.50	174.45	3V05	3V06	3V06	1440
6.67	182.63	216	3V06	3V06	3V07	1440
5.36	227.29	269	4V06	3V07	3V07	1441

Note- Other reduction ratios are available on request. For More details please contact: Vijay Engg. Works, Satara, Tel :02162-240314, 09881732219, 09923571087

3 HP, 1440 RPM 100 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
421.05	4.85	3.42	1V04	1V04	1V04	1440
387.10	5.27	3.72	1V04	1V04	1V04	1440
352.08	5.80	4.09	1V04	1V04	1V04	1440
314.41	6.49	4.58	1V04	1V04	1V04	1440
274.29	7.44	5.25	1V04	1V04	1V04	1440
231.14	8.83	6.23	1V04	1V04	1V04	1440
184.62	5.24	7.8	1V04	1V04	1V04	1440
120.00	16.11	12	2V04	2V04	2V04	1440
110.77	17.46	13	2V04	2V04	2V04	1440
98.63	19.61	14.6	2V04	2V04	2V04	1440
82.29	23.50	17.5	2V04	2V04	2V04	1440
75.79	25.51	19	2V04	2V04	2V04	1440
64.57	29.95	22.3	2V04	2V04	2V04	1440
50.53	38.27	28.5	2V04	2V04	2V04	1440
45.00	42.97	32	2V04	2V04	2V05	1440
37.89	51.03	38	2V04	2V05	2V05	1440
32.00	60.43	45	2V05	2V05	2V05	1440
25.71	71.02	56	2V05	3V05	3V05	1440
20.52	89.02	70.19	3V05	3V05	3V05	1440
18.20	100.37	79.14	3V05	3V05	3V06	1440
16.02	114.00	89.89	3V05	3V05	3V06	1440
14.87	122.86	96.87	3V05	3V06	3V06	1440
13.64	133.93	105.6	3V05	3V06	3V06	1440
12.01	152.12	119.94	3V05	3V06	3V06	1440
11.01	165.83	130.75	3V06	3V06	3V07	1440
10.22	178.70	140.9	3V06	3V06	3V07	1440
9.70	188.34	148.5	3V06	3V05	3V07	1440
8.25	221.25	174.45	3V06	3V07	3V07	1440
6.67	273.95	216	3V06	3V07	3V07	1440
5.35	341.16	269	3V07	3V07	3V07	1440

4 HP, 1440 RPM 100 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
421.05	6.46	3.42	1V04	1V04	1V04	1440
387.10	7.03	3.72	1V04	1V04	1V04	1440
352.08	7.73	4.09	1V04	1V04	1V04	1440
314.41	8.66	4.58	1V04	1V04	1V04	1440
274.29	9.92	5.25	1V04	1V04	1V04	1440
231.14	11.77	6.23	1V04	1V04	1V04	1440
184.62	14.74	7.8	1V04	1V04	1V04	1440
120.00	21.49	12	2V44	2V44	2V44	1440
110.77	23.28	13	2V44	2V44	2V44	1440
98.63	26.14	14.6	2V44	2V44	2V44	1440
82.29	31.33	17.5	2V44	2V44	2V05	1440
75.79	34.02	19	2V44	2V44	2V44	1440
64.57	39.93	22.3	2V44	2V05	2V05	1440
50.53	51.03	28.5	2V44	2V05	2V05	1440
45.00	57.30	32	2V44	2V05	2V05	1440
37.92	67.99	38	2V05	2V05	2V05	1441
32.04	80.46	45	2V05	2V05	2V06	1442
25.71	94.70	56	3V05	3V05	3V05	1440
20.52	118.69	70.19	3V05	3V06	3V06	1440
18.20	133.83	79.14	3V05	3V06	3V07	1440
16.02	152.01	89.89	3V05	3V06	3V06	1440
14.87	163.81	96.87	3V06	3V07	3V07	1440
13.64	178.57	105.6	3V06	3V07	3V07	1440
12.01	202.82	119.94	3V06	3V07	3V07	1440
11.01	221.10	130.75	3V06	3V07	3V07	1440
10.22	238.27	140.9	3V06	3V07	3V07	1440
9.70	251.12	148.5	3V06	3V07	3V07	1440
8.25	295.00	174.45	3V07	3V07	3V08	1440
6.46	377.10	223	3V07	3V07	3V08	1440
5.34	456.26	270	3V07	4V08	4V08	1441

5 HP, 1440 RPM 112 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
421.05	8.08	3.42	1V04	1V04	1V04	1440
387.10	8.79	3.72	1V04	1V04	1V04	1440
352.08	9.66	4.09	1V04	1V04	1V04	1440
314.41	10.82	4.58	1V04	1V04	1V04	1440
274.29	12.40	5.25	1V04	1V04	1V04	1440
231.14	14.72	6.23	1V04	1V04	1V04	1440
184.62	18.43	7.8	1V04	1V04	1V04	1440
120.00	26.86	12	2V44	2V44	2V44	1440
110.77	29.10	13	2V44	2V44	2V44	1440
98.63	32.68	14.6	2V44	2V44	2V44	1440
82.29	39.17	17.5	2V44	2V44	2V05	1440
75.79	42.52	19	2V44	2V44	2V05	1440
64.57	49.91	22.3	2V44	2V05	2V05	1440
50.53	63.79	28.5	2V05	2V05	2V05	1440
45.00	71.62	32	2V05	2V05	2V05	1440
37.92	84.99	38	2V05	2V05	2V05	1441
32.04	100.58	45	2V05	2V05	2V06	1442
25.71	118.37	56	3V05	3V06	3V06	1440
20.52	148.37	70.19	3V05	3V06	3V06	1440
18.20	167.28	79.14	3V05	3V06	3V07	1440
16.02	190.01	89.89	3V06	3V06	3V07	1440
14.87	204.76	96.87	3V06	3V07	3V07	1440
13.64	223.22	105.6	3V06	3V07	3V07	1440
12.01	253.53	119.94	3V06	3V07	3V07	1440
11.01	276.38	130.75	3V06	3V07	3V07	1440
10.22	297.83	140.9	3V07	3V07	3V07	1440
9.70	313.90	148.5	3V07	3V07	3V07	1440
8.25	368.75	174.45	3V07	3V07	3V08	1440
6.46	471.37	223	3V07	3V08	3V08	1440
5.34	570.33	270	3V08	4V08	4V08	1441

Note- Other reduction ratios are available on request. For More details please contact: Vijay Engg. Works, Satara, Tel :02162-240314, 09881732219, 09923571087

7.5 HP, 1440 RPM 132 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
421.05	12.12	3.42	1V05	1V05	1V05	1440
387.10	13.18	3.72	1V05	1V05	1V05	1440
352.08	14.49	4.09	1V05	1V05	1V05	1440
314.41	16.23	4.58	1V05	1V05	1V05	1440
274.29	18.60	5.25	1V05	1V05	1V05	1440
231.14	22.08	6.23	1V05	1V05	1V05	1440
184.62	27.64	7.8	1V05	1V05	1V05	1440
120.00	40.29	12	2V05	2V05	2V05	1440
110.77	43.64	13	2V05	2V05	2V05	1440
98.63	49.01	14.6	2V05	2V05	2V05	1440
82.29	58.75	17.5	2V05	2V05	2V05	1440
75.79	63.79	19	2V05	2V05	2V05	1440
64.57	74.87	22.3	2V05	2V05	2V05	1440
50.53	95.68	28.5	2V05	2V05	2V05	1440
45.00	107.43	32	2V05	2V05	2V06	1440
37.89	127.57	38	2V05	2V06	2V06	1440
32.00	151.07	45	2V05	2V06	2V06	1440
25.71	177.56	56	3V05	3V06	2V07	1440
20.52	222.55	70.19	3V06	3V07	3V07	1440
18.20	250.93	79.14	3V06	3V07	3V07	1440
16.02	285.01	89.89	3V07	3V07	3V07	1440
14.87	307.14	96.87	3V07	3V07	3V07	1440
13.64	334.82	105.6	3V07	3V07	3V07	1440
12.01	380.29	119.94	3V07	3V07	3V08	1440
11.01	414.57	130.75	3V07	3V07	3V08	1440
10.22	446.75	140.9	3V07	3V08	3V08	1440
9.70	470.85	148.5	3V07	3V08	3V08	1440
8.25	553.12	174.45	3V08	3V08	3V08	1440
6.46	707.06	223	3V08	3V08	3V09	1440
5.33	856.08	270	3V08	3V09	3V09	1440

10 HP, 1440 RPM 132 FRAME

Output Speed RPM	Output Torque Kgm	Ratio	Suitable model for Service Factor			Input Speed RPM
			1	1.5	2	
421.05	16.16	3.42	1V05	1V05	1V05	1440
387.10	17.58	3.72	1V05	1V05	1V05	1440
352.08	19.32	4.09	1V05	1V05	1V05	1440
314.41	21.64	4.58	1V05	1V05	1V05	1440
274.29	24.81	5.25	1V05	1V05	1V05	1440
231.14	29.44	6.23	1V05	1V05	1V05	1440
184.62	36.85	7.8	1V05	1V05	1V05	1440
120.00	53.72	12	2V06	2V06	2V06	1440
110.77	58.19	13	2V06	2V06	2V06	1440
98.63	65.35	14.6	2V06	2V06	2V06	1440
82.29	78.33	17.5	2V06	2V06	2V06	1440
75.79	85.05	19	2V06	2V06	2V06	1440
64.57	99.82	22.3	2V06	2V06	2V06	1440
50.53	127.57	28.5	2V06	2V06	2V06	1440
45.00	143.24	32	2V06	2V06	2V06	1440
37.89	170.10	38	2V06	2V07	2V07	1440
32.00	201.43	45	2V06	2V07	2V07	1440
25.71	236.74	56	3V07	3V07	3V07	1440
20.52	296.73	70.19	3V07	3V07	3V07	1440
18.20	334.57	79.14	3V07	3V07	3V07	1440
16.02	380.02	89.89	3V07	3V07	3V08	1440
14.87	409.52	96.87	3V07	3V08	3V08	1440
13.64	446.43	105.6	3V07	3V08	3V08	1440
12.01	507.05	119.94	3V08	3V08	3V08	1440
11.01	552.75	130.75	3V08	3V08	3V08	1440
10.22	595.66	140.9	3V08	3V08	3V08	1440
9.70	627.79	148.5	3V08	3V08	3V08	1440
8.25	737.50	174.45	3V08	3V09	3V09	1440
6.46	942.75	223	3V08	3V09	3V09	1440
5.33	1141.44	270	3V08	3V09	3V10	1440

Note- Other reduction ratios are available on request. For More details please contact: Vijay Engg. Works, Satara, Tel :02162-240314, 09881732219, 09923571087