

HELIWORM GEAR UNITS

Sr. No.		Motor				Pre-stage helical part					Worm Gearbox part							Part No.	
1		Output	No. of poles	Motor torque	Motor Frame size	Stadio Size	O/P of Stadio				Box Size	Box Input flange	Dyna mic Efficie ncy	Servi ce factor	Ratio of G.B	O/P Torq ue	O/P Spee d	Final Ratio	
		KW	Speed rpm	Nm		63	Rati o	Spee d rpm	Outp ut	Torque Nm		%	fs		Nm	RPM			
1	0.12	1325	4	0.87	63B5	63	3	442	0.1	2.08	BOX 40	71B14	63	1.6	40	52.3	11.0	120	0.12-4P-ST63-B40-40
2	0.12	1325	4	0.87	63B5	63	3	442	0.1	2.08	BOX 40	71B14	60.4	1.4	50	62.7	8.8	150	0.12-4P-ST63-B40-50
3	0.12	1325	4	0.87	63B5	63	3	442	0.1	2.08	BOX 40	71B14	54.2	1.3	60	67.5	7.4	180	0.12-4P-ST63-B40-60
4	0.12	1325	4	0.87	63B5	63	3	442	0.1	2.08	BOX 50	71B14	52.8	2.6	80	87.7	5.5	240	0.12 4P-ST63-B50-80
5	0.12	1325	4	0.87	63B5	63	3	442	0.1	2.08	BOX 50	71B14	45	2.6	100	93.4	4.4	300	0.12 4P-ST63-B50-100
Sr. No.		MOTOR				Pre-stage helical part					Worm Gearbox part							Part No.	
2		outp ut	No. of poles	Motor torque	Motor Frame size	Stadio Size	O/P of Stadio				Box Size	Box Input flange	Dy. Efficie ncy	Servi ce factor	G.B. Ratio	O/P Torq ue	O/P Spee d	Final Ratio	
		KW	Speed rpm	Nm			Rati o	Spee d rpm	Outp ut	Torque Nm		%	fs		Nm	RPM			
1	0.18	1350	4	1.27	63B5	63	3	450	0.14	3.06	BOX 50	71B14	68.3	2.6	40	83.5	11.3	120	0.18 4P-ST63-B50-40
2	0.18	1350	4	1.27	63B5	63	3	450	0.14	3.06	BOX 50	71B14	61.3	2.6	50	93.7	9.0	150	0.18 4P-ST63-B50-50
3	0.18	1350	4	1.27	63B5	63	3	450	0.14	3.06	BOX 63	71B14	64.5	2.3	60	118.3	7.5	180	0.18 4P-ST63-B63-60
4	0.18	1350	4	1.27	63B5	63	3	450	0.14	3.06	BOX 63	71B14	57.9	1.4	80	141.6	5.6	240	0.18 4P-ST63-B63-80
5	0.18	1350	4	1.27	63B5	63	3	450	0.14	3.06	BOX 63	71B14	51.1	1	100	156.2	4.5	300	0.18 4P-ST63-B63-100

Sr. No.	MOTOR				Motor Frame size	Stadio Size	Pre-stage helical part				Worm Gearbox part							Part No.	
	output		No. of poles	Motor torque			O/P of Stadio				Box Size	Box Input flange	Dyna mic efficiency	Servi ce factor	G.B. Ratio	O/P Torque	O/P Speed	Final Ratio	
	KW	Speed rpm	p	Nm			Rati o	Spee d rpm	Outp ut	Torqu e Nm			%	fs	l	Nm	RPM		
1	0.75	920	6	7.79	90B5	90	3	307	0.6	18.69	BOX 90	100B14	74	1.8	40	553.1	7.7	120	0.75 6P-ST80-B90-40
2	0.75	920	6	7.79	90B5	90	3	307	0.6	18.69	BOX90	100B14	73.1	1.8	50	682.9	6.1	150	0.75 6P-ST80-B90-50
1	0.75	920	6	7.79	90B5	90	3	307	0.6	18.69	BOX110	100B14	70.6	1.5	60	791.5	5.1	180	0.75 6P-ST80-B110-60
2	0.75	920	6	7.79	90B5	90	3	307	0.6	18.69	BOX110	100B14	65	1.1	80	971.6	3.8	240	0.75 6P-ST80-B110-80
2	0.75	920	6	7.79	90B5	90	3	307	0.6	18.69	BOX110	100B14	62.6	1.1	100	####	3.1	300	0.75 6P-ST80-B110-100
Sr. No.	MOTOR				Motor Frame size	Stadio Size	Pre-stage helical part				Worm Gearbox part							Part No.	
	output		No. of poles	Motor torque			O/P of Stadio				Box Size	Box Input flange	Dyna mic efficiency	Servi ce factor	G.B. Ratio	O/P Torque	O/P Speed	Final Ratio	
	KW	Speed rpm	p	Nm			Rati o	Spee d rpm	Outp ut	Torque Nm			%	fs	l	Nm	RPM		
1	1.10	920	6	11.42	90B5	90	2.4	380	0.88	22.14	BOX90	100B14	74	1.8	40	655.2	9.5	97	1.10 6P-ST90-B90-40
1	1.10	920	6	11.42	90B5	90	2.4	380	0.88	22.14	BOX90	100B14	73.1	1.8	50	809.0	7.6	121	1.10 6P-ST90-B90-50
1	1.10	920	6	11.42	90B5	90	2.4	380	0.88	22.14	BOX110	100B14	70.6	1.8	60	937.6	6.3	145	1.10 6P-ST90-B110-60
1	1.10	920	6	11.42	90B5	90	2.4	380	0.88	22.14	BOX110	100B14	65	1.8	80	####	4.7	194	1.10 6P-ST90-B110-60
1	1.10	920	6	11.42	90B5	90	2.4	380	0.88	22.14	BOX110	100B14	62.6	1.8	100	####	3.8	242	1.10 6P-ST90-B110-60