Worm Gear Units

Service factors

Up to 10 starts per hour				
Nature of load generated by machine	Hours running per day			
	up to 2	2 to 8	9 to 16	17 to 24
Uniform	0.8	1	1.25	1.5
Moderate shock	1	1.25	1.5	1.75
Heavy shock	1.25	1.5	1.75	2

Ratings based on SF=1 at 1400 rpm

Ratio	Power	Output	GEARBOX SIZE									
	Torque	speed rpm	**25**	**30**	**40**	**50**	**63**	**75**	**90**	**110**	**130**	**150**
5	KW	280	-	-	1.10	2.00	-	-	-	-	-	-
	Nm		-	-	34	61	-	-	-	-	-	-
7.5	KW	187	0.25	0.41	0.90	1.58	2.84	4.06	6.30	10.40	16.10	25.80
	Nm		11	18	40	71	128	185	290	480	750	1200
10	KW	140	0.21	0.32	0.69	1.23	2.19	3.25	5.11	8.57	13.50	20.20
	Nm		12	18	40	72	130	195	310	520	820	1240
15	KW	93	0.15	0.23	0.48	0.88	1.65	2.30	4.09	6.48	10.30	13.90
	Nm		12	18	40	74	140	200	360	570	920	1250
20	KW	70	0.12	0.18	0.37	0.68	1.22	1.88	3.10	4.83	7.76	11.00
	Nm		12	18	39	73	135	210	355	560	910	1300
25	KW	56	-	0.18	0.30	0.54	0.98	1.47	2.43	4.12	6.49	8.40
	Nm		-	21	38	70	130	200	340	590	930	1200
30	KW	47	0.09	0.15	0.31	0.57	1.06	1.48	2.57	3.90	6.35	7.00
	Nm		13	20	45	84	160	230	410	630	1040	1200
40	KW	35	0.06	0.11	0.23	0.42	0.76	1.12	1.76	2.87	4.93	7.30
	Nm		13	18	41	76	145	220	360	610	1050	1550
50	KW	28	0.06	0.09	0.18	0.34	0.60	0.89	1.38	2.35	3.83	5.40
	Nm		11	17	39	73	135	210	340	600	980	1400
60	KW	23	0.04	0.08	0.15	0.28	0.51	0.75	1.13	1.90	3.05	4.20
	Nm		10	16	36	68	130	200	320	560	900	1260
80	KW	18	-	0.05	0.12	0.22	0.39	0.58	0.83	1.34	2.26	3.10
	Nm		-	13	33	65	122	190	285	490	840	1150
100	KW	14	-	-	0.09	0.16	0.34	0.48	0.67	1.07	1.70	2.29
	Nm		-	-	29	55	118	180	270	460	740	1000