

Worm Gear Units



Performance of FCNDK with 4 pole motor (1400rpm)

Input	Size	i	n2(r/min)	M2 (m-n)
0.55kw 4 P	40	7.5	186.7	24.5
	50	7.5	186.7	25
	40	10	140	32
	50	10	140	32
	50	15	93.3	46
	63	15	93.3	46
	50	20	70	59
	63	20	70	60
	63	25	56	72
	63	30	46.7	80
	63	40	35	104
	75	40	35	108
	63	50	28	123
	75	50	28	129
	75	60	23.3	146
	75	80	17.5	180
0.75kw 4 P	75	100	14	180
	50	7.5	186.7	34
	63	7.5	186.7	33
	50	10	140	44
	63	10	140	44
	50	15	93.3	63
	63	15	93.3	63
	63	20	70	82
	63	25	56	99
	63	30	46.7	109
	75	30	46.7	116
	63	40	35	143
	75	40	35	147
	75	50	28	176
	90	50	28	184
	75	60	23.3	200
1.1kw 4 P	90	60	23.3	212
	90	80	17.5	257
	90	100	14	270
	63	7.5	186.7	49
	75	7.5	186.7	49
	63	10	140	65
	75	10	140	66
	63	15	93.3	93
	75	15	93.3	95
	63	20	70	121
	75	20	70	122
	75	25	56	149
	75	30	46.7	170
	75	40	35	216
	90	40	35	225
	90	50	28	271
1.5kw 4 P	90	60	23.3	311
	110	60	23.3	324
	110	80	17.5	410
	110	100	14	460
	75	7.5	186.7	67
	75	10	140	90
	75	15	93.3	130
	75	20	70	167
	75	25	56	200
	90	25	56	209
	75	30	46.7	230
	90	30	46.7	236
	90	40	35	306
	90	50	28	369
	110	50	28	375
	110	60	23.3	442
2.2kw 4 P	110	80	17.5	490
	130	80	17.5	547
	130	100	14	652
	90	7.5	186.7	101
	110	7.5	186.7	101
	90	10	140	133
	110	15	140	133

Input	Size	i	n2(r/min)	M2 (m-n)
2.2kw 4 P	90	15	93.3	193
	110	15	93.3	193
	90	20	70	251
	110	20	70	256
	90	25	56	307
	110	25	56	316
	90	30	46.7	346
	110	30	46.7	355
	110	40	35	462
	110	50	28	550
	130	50	28	566
	150	50	28	570
	130	60	23.3	650
	150	60	23.3	657
	130	80	17.5	803
	150	80	17.5	816
3kw 4 P	150	100	14	960
	110	7.5	186.7	138
	110	10	140	182
	110	15	93.3	263
	110	20	70	348
	110	25	56	430
	110	30	46.7	484
	110	40	35	631
	130	40	35	638
	130	50	28	767
	150	50	28	778
	130	60	23.3	884
	150	60	23.3	896
	150	80	17.5	1110
	110	7.5	186.7	184
4kw 4 P	130	7.5	186.7	186
	110	10	140	243
	130	10	140	243
	110	15	93.3	352
	130	15	93.3	357
	110	20	70	464
	130	20	70	466
	110	25	56	573
	130	25	56	573
	110	30	46.7	646
	130	30	46.7	655
	130	40	35	850
	130	50	28	1023
	150	50	28	1037
	150	60	23.3	1195
5.5kw 4 P	110	7.5	186.7	253
	130	7.5	186.7	256
	110	10	140	334
	130	10	140	334
	110	15	93.3	484
	130	15	93.3	490
	130	20	70	645
	150	20	70	645
	130	25	56	788
	150	25	56	788
	130	30	46.7	900
	150	30	46.7	934
	150	40	35	1171
	110	7.5	186.7	345
	130	7.5	186.7	349
	110	10	140	455
7.5kw 4 P	130	10	140	455
	130	15	93.3	667
	150	20	70	880
	150	25	56	1074
	150	7.5	186.7	512
	150	10	140	675
11kw 4P	150	15	93.3	990
	150	7.5	186.7	698
15kw 4P	150	7.5	186.7	698
	150	10	140	921

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