



Gear Ratio & Roll Out

Ver.0501



	1st. Gear									2nd. Gear											
Pinion Gear	16T			17T			18T			21T			22T			23T			24T		
Spur Gear	60T	59T	58T	60T	59T	58T	60T	59T	58T	54T	53T	52T	54T	53T	52T	54T	53T	52T	54T	53T	52T
Gear Ratio R Tire Dia.	8.092	7.957	7.822	7.616	7.489	7.362	7.193	7.073	6.953	5.549	5.446	5.343	5.297	5.199	5.100	5.066	4.973	4.879	4.855	4.765	4.675
58.0	22.5	22.9	23.3	23.9	24.3	24.7	25.3	25.7	26.2	32.8	33.4	34.1	34.4	35.0	35.7	35.9	36.6	37.3	37.5	38.2	39.0
58.5	22.7	23.1	23.5	24.1	24.5	25.0	25.5	26.0	26.4	33.1	33.7	34.4	34.7	35.3	36.0	36.3	36.9	37.6	37.8	38.5	39.3
59.0	22.9	23.3	23.7	24.3	24.7	25.2	25.8	26.2	26.6	33.4	34.0	34.7	35.0	35.6	36.3	36.6	37.3	38.0	38.2	38.9	39.6
59.5	23.1	23.5	23.9	24.5	24.9	25.4	26.0	26.4	26.9	33.7	34.3	35.0	35.3	35.9	36.6	36.9	37.6	38.3	38.5	39.2	40.0
60.0	23.3	23.7	24.1	24.7	25.2	25.6	26.2	26.6	27.1	34.0	34.6	35.3	35.6	36.2	36.9	37.2	37.9	38.6	38.8	39.5	40.3
60.5	23.5	23.9	24.3	24.9	25.4	25.8	26.4	26.9	27.3	34.2	34.9	35.6	35.9	36.5	37.2	37.5	38.2	38.9	39.1	39.9	40.6
61.0	23.7	24.1	24.5	25.1	25.6	26.0	26.6	27.1	27.5	34.5	35.2	35.8	36.2	36.8	37.6	37.8	38.5	39.3	39.5	40.2	41.0
61.5	23.9	24.3	24.7	25.4	25.8	26.2	26.8	27.3	27.8	34.8	35.5	36.1	36.5	37.1	37.9	38.1	38.8	39.6	39.8	40.5	41.3
62.0	24.1	24.5	24.9	25.6	26.0	26.4	27.1	27.5	28.0	35.1	35.7	36.4	36.8	37.4	38.2	38.4	39.1	39.9	40.1	40.9	41.6
62.5	24.3	24.7	25.1	25.8	26.2	26.7	27.3	27.7	28.2	35.4	36.0	36.7	37.0	37.7	38.5	38.7	39.5	40.2	40.4	41.2	42.0
63.0	24.4	24.9	25.3	26.0	26.4	26.9	27.5	28.0	28.5	35.6	36.3	37.0	37.3	38.0	38.8	39.0	39.8	40.5	40.7	41.5	42.3
63.5	24.6	25.1	25.5	26.2	26.6	27.1	27.7	28.2	28.7	35.9	36.6	37.3	37.6	38.4	39.1	39.4	40.1	40.9	41.1	41.8	42.7
64.0	24.8	25.3	25.7	26.4	26.8	27.3	27.9	28.4	28.9	36.2	36.9	37.6	37.9	38.7	39.4	39.7	40.4	41.2	41.4	42.2	43.0
64.5	25.0	25.5	25.9	26.6	27.0	27.5	28.2	28.6	29.1	36.5	37.2	37.9	38.2	39.0	39.7	40.0	40.7	41.5	41.7	42.5	43.3
65.0	25.2	25.7	26.1	26.8	27.3	27.7	28.4	28.9	29.4	36.8	37.5	38.2	38.5	39.3	40.0	40.3	41.0	41.8	42.0	42.8	43.7

Side Pulley : 23T

R Tire Dia. F Tire Dia.	58.0	58.5	59.0	59.5	60.0	60.5	61.0	61.5	62.0	62.5	63.0	63.5	64.0	64.5	65.0
56.0	1.107	1.097	1.088	1.079	1.070	1.061	1.052	1.044	1.035	1.027	1.019	1.011	1.003	0.995	0.987
56.5	1.116	1.107	1.097	1.088	1.079	1.070	1.061	1.053	1.044	1.036	1.028	1.020	1.012	1.004	0.996
57.0	1.126	1.117	1.107	1.098	1.089	1.080	1.071	1.062	1.054	1.045	1.037	1.029	1.021	1.013	1.005
57.5	1.136	1.126	1.117	1.108	1.098	1.089	1.080	1.072	1.063	1.054	1.046	1.038	1.030	1.022	1.014
58.0	1.146	1.136	1.127	1.117	1.108	1.099	1.090	1.081	1.072	1.064	1.055	1.047	1.039	1.031	1.023
58.5	1.156	1.146	1.136	1.127	1.117	1.108	1.099	1.090	1.081	1.073	1.064	1.056	1.048	1.039	1.031
59.0	1.166	1.156	1.146	1.136	1.127	1.118	1.108	1.099	1.091	1.082	1.073	1.065	1.057	1.048	1.040
59.5	1.176	1.166	1.156	1.146	1.136	1.127	1.118	1.109	1.100	1.091	1.082	1.074	1.065	1.057	1.049
60.0	1.186	1.175	1.165	1.156	1.146	1.137	1.127	1.118	1.109	1.100	1.091	1.083	1.074	1.066	1.058
60.5	1.195	1.185	1.175	1.165	1.156	1.146	1.137	1.127	1.118	1.109	1.101	1.092	1.083	1.075	1.067
61.0	1.205	1.195	1.185	1.175	1.165	1.156	1.146	1.137	1.128	1.119	1.110	1.101	1.092	1.084	1.076
61.5	1.215	1.205	1.195	1.185	1.175	1.165	1.155	1.146	1.137	1.128	1.119	1.110	1.101	1.093	1.084
62.0	1.225	1.215	1.204	1.194	1.184	1.174	1.165	1.155	1.146	1.137	1.128	1.119	1.110	1.102	1.093
62.5	1.235	1.224	1.214	1.204	1.194	1.184	1.174	1.165	1.155	1.146	1.137	1.128	1.119	1.111	1.102
63.0	1.245	1.234	1.224	1.213	1.203	1.193	1.184	1.174	1.165	1.155	1.146	1.137	1.128	1.119	1.111
63.5	1.255	1.244	1.233	1.223	1.213	1.203	1.193	1.183	1.174	1.164	1.155	1.146	1.137	1.128	1.120
64.0	1.265	1.254	1.243	1.233	1.222	1.212	1.202	1.193	1.183	1.174	1.164	1.155	1.146	1.137	1.128

Side Pulley : 24T

R Tire Dia. F Tire Dia.	58.0	58.5	59.0	59.5	60.0	60.5	61.0	61.5	62.0	62.5	63.0	63.5	64.0	64.5	65.0
56.0	1.060	1.051	1.042	1.034	1.025	1.017	1.008	1.000	0.992	0.984	0.976	0.969	0.961	0.953	0.946
56.5	1.070	1.061	1.052	1.043	1.034	1.026	1.017	1.009	1.001	0.993	0.985	0.977	0.970	0.962	0.955
57.0	1.079	1.070	1.061	1.052	1.043	1.035	1.026	1.018	1.010	1.002	0.994	0.986	0.978	0.971	0.963
57.5	1.089	1.079	1.070	1.061	1.052	1.044	1.035	1.027	1.019	1.010	1.002	0.994	0.987	0.979	0.972
58.0	1.098	1.089	1.080	1.071	1.062	1.053	1.044	1.036	1.027	1.019	1.011	1.003	0.995	0.988	0.980
58.5	1.108	1.098	1.089	1.080	1.071	1.062	1.053	1.045	1.036	1.028	1.020	1.012	1.004	0.996	0.988
59.0	1.117	1.108	1.098	1.089	1.080	1.071	1.062	1.054	1.045	1.037	1.028	1.020	1.012	1.005	0.997
59.5	1.127	1.117	1.108	1.098	1.089	1.080	1.071	1.063	1.054	1.046	1.037	1.029	1.021	1.013	1.005
60.0	1.136	1.126	1.117	1.107	1.098	1.089	1.080	1.071	1.063	1.054	1.046	1.038	1.030	1.022	1.014
60.5	1.146	1.136	1.126	1.117	1.107	1.098	1.089	1.080	1.072	1.063	1.055	1.046	1.038	1.030	1.022
61.0	1.155	1.145	1.135	1.126	1.117	1.107	1.098	1.089	1.081	1.072	1.063	1.055	1.047	1.039	1.031
61.5	1.164	1.155	1.145	1.135	1.126	1.116	1.107	1.098	1.089	1.081	1.072	1.064	1.055	1.047	1.039
62.0	1.174	1.164	1.154	1.144	1.135	1.125	1.116	1.107	1.098	1.089	1.081	1.072	1.064	1.056	1.048
62.5	1.183	1.173	1.163	1.154	1.144	1.135	1.125	1.116	1.107	1.098	1.090	1.081	1.072	1.064	1.056
63.0	1.193	1.183	1.173	1.163	1.153	1.144	1.134	1.125	1.116	1.107	1.098	1.090	1.081	1.073	1.064
63.5	1.202	1.192	1.182	1.172	1.162	1.153	1.143	1.134	1.125	1.116	1.107	1.098	1.090	1.081	1.073
64.0	1.212	1.201	1.191	1.181	1.171	1.162	1.152	1.143	1.134	1.125	1.116	1.107	1.098	1.090	1.081