



**518 Series • 1.0 S.F.**

Exact Ratio*	Input RPM	Output RPM	Input HP	Output HP	Output Torque (lb-in)
<b>30.1</b>	1750	58.1	0.523	0.387	420
	1150	38.2	0.363	0.269	443
<b>43</b>	1750	40.7	0.377	0.271	420
	1150	26.7	0.261	0.188	443
<b>60.2</b>	1750	29.07	0.323	0.194	420
	1150	19.10	0.224	0.134	443
<b>90.3</b>	1750	19.38	0.227	0.129	420
	1150	12.74	0.157	0.090	443
<b>120.4</b>	1750	14.53	0.183	0.097	420
	1150	9.55	0.127	0.067	443
<b>159.1</b>	1750	11.00	0.150	0.073	420
	1150	7.23	0.104	0.051	443
<b>197.8</b>	1750	8.85	0.125	0.059	420
	1150	5.81	0.087	0.041	443
<b>258</b>	1750	6.78	0.100	0.045	420
	1150	4.46	0.070	0.031	443
<b>301</b>	1750	5.81	0.068	0.027	294
	1150	3.82	0.047	0.019	310
<b>438.6</b>	1750	3.99	0.052	0.019	294
	1150	2.62	0.036	0.013	310

\* Contact LEESON for additional ratio options available.

**520 Series • 1.0 S.F.**

Exact Ratio*	Input RPM	Output RPM	Input HP	Output HP	Output Torque (lb-in)
<b>30.1</b>	1750	58.1	0.714	0.543	589
	1150	38.2	0.494	0.376	620
<b>43</b>	1750	40.7	0.507	0.380	589
	1150	26.7	0.350	0.263	620
<b>60.2</b>	1750	29.1	0.394	0.272	589
	1150	19.1	0.272	0.188	620
<b>77.4</b>	1750	22.61	0.396	0.241	673
	1150	14.86	0.274	0.167	708
<b>111.8</b>	1750	15.65	0.274	0.167	673
	1150	10.29	0.189	0.116	708
<b>154.8</b>	1750	11.30	0.215	0.121	673
	1150	7.43	0.149	0.083	708
<b>184.9</b>	1750	9.46	0.180	0.088	589
	1150	6.22	0.125	0.061	620
<b>258</b>	1750	6.78	0.135	0.063	589
	1150	4.46	0.093	0.044	620
<b>292.4</b>	1750	5.98	0.109	0.048	504
	1150	3.93	0.075	0.033	531
<b>344</b>	1750	5.09	0.068	0.027	336
	1150	3.34	0.047	0.019	354
<b>430</b>	1750	4.07	0.060	0.022	336
	1150	2.67	0.042	0.015	354

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Bravo<sup>®</sup> Helical / Worm  
Double Reduction



**525 Series • 1.0 S.F.**

Exact Ratio*	Input RPM	Output RPM	Input HP	Output HP	Output Torque (lb-in)
<b>29.5</b>	1750	59.4	1.767	1.307	1387
	1150	39.0	1.221	0.903	1460
<b>37.2</b>	1750	47.0	1.417	1.034	1387
	1150	30.9	0.981	0.716	1460
<b>46.5</b>	1750	37.6	1.340	0.938	1572
	1150	24.7	0.927	0.649	1655
<b>55.8</b>	1750	31.4	1.224	0.783	1572
	1150	20.6	0.845	0.541	1655
<b>69.8</b>	1750	25.09	1.026	0.626	1572
	1150	16.49	0.710	0.433	1655
<b>87.8</b>	1750	19.94	0.731	0.526	1664
	1150	13.10	0.506	0.364	1752
<b>110.9</b>	1750	15.78	0.595	0.417	1664
	1150	10.37	0.412	0.288	1752
<b>138.6</b>	1750	12.63	0.505	0.333	1664
	1150	8.30	0.350	0.231	1752
<b>166.3</b>	1750	10.52	0.463	0.278	1664
	1150	6.91	0.320	0.192	1752
<b>207.9</b>	1750	8.42	0.359	0.198	1480
	1150	5.53	0.249	0.137	1558
<b>309.5</b>	1750	5.65	0.260	0.133	1480
	1150	3.72	0.180	0.092	1558
<b>369.6</b>	1750	4.73	0.236	0.111	1480
	1150	3.11	0.164	0.077	1558
<b>434.3</b>	1750	4.03	0.166	0.070	1093
	1150	2.65	0.115	0.048	1151

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**534 Series • 1.0 S.F.**

Exact Ratio*	Input RPM	Output RPM	Input HP	Output HP	Output Torque (lb-in)
<b>32.3</b>	1750	54.1	3.207	2.309	2690
	1150	35.6	2.221	1.599	2831
<b>46.2</b>	1750	37.9	2.311	1.618	2690
	1150	24.9	1.598	1.118	2831
<b>58.9</b>	1750	29.7	2.247	1.506	3195
	1150	19.5	1.553	1.041	3363
<b>80.6</b>	1750	21.71	1.804	1.101	3195
	1150	14.27	1.248	0.761	3363
<b>103.9</b>	1750	16.85	1.311	0.787	2943
	1150	11.07	0.907	0.544	3098
<b>129.4</b>	1750	13.53	1.053	0.632	2943
	1150	8.89	0.728	0.437	3098
<b>175.6</b>	1750	9.97	0.844	0.532	3363
	1150	6.55	0.584	0.368	3540
<b>240.2</b>	1750	7.28	0.696	0.369	3195
	1150	4.79	0.482	0.256	3363
<b>309.5</b>	1750	5.65	0.551	0.286	3195
	1150	3.72	0.382	0.198	3363
<b>422.1</b>	1750	4.15	0.373	0.194	2943
	1150	2.72	0.257	0.134	3098
<b>443.5</b>	1750	3.95	0.351	0.158	2522
	1150	2.59	0.242	0.109	2653
<b>604.8</b>	1750	2.89	0.289	0.116	2522
	1150	1.90	0.200	0.080	2653

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