

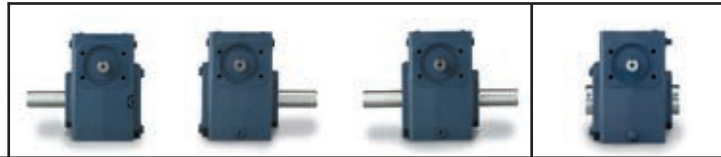
# MAXIMUM RATING TABLES

SIZE 832 • GR & EL SERIES



Style B

Style H



## Size 832

Ratio	Input RPM	Output RPM	Input HP	Output HP	Output Torque (lb-in)	Left Hand Catalog No.	Right Hand Catalog No.	Double Extension Catalog No.	Hollow Output Catalog No.*
<b>5</b>	2500	500	13.94	13.24	1669	__ 8320097	__ 8320101	__ 8320105	__ 8320557.XX
	1750	350	11.92	11.29	2033				
	1170	234	9.790	9.220	2483				
<b>7.5</b>	100	20	1.567	1.267	3994	__ 8320098	__ 8320102	__ 8320106	__ 8320558.XX
	2500	333	10.36	9.695	1833				
	1750	233	8.863	8.264	2232				
<b>10</b>	1170	156	7.286	6.747	2726	__ 8320001	__ 8320009	__ 8320017	__ 8320501.XX
	100	13	1.201	0.926	4375				
	2500	250	9.601	8.943	2254				
<b>15</b>	1750	175	8.092	7.497	2700	__ 8320002	__ 8320010	__ 8320018	__ 8320502.XX
	1170	117	6.604	6.066	3268				
	100	10	1.048	0.770	4853				
<b>20</b>	2500	166	7.258	6.582	2489	__ 8320003	__ 8320011	__ 8320019	__ 8320503.XX
	1750	116	6.127	5.516	2980				
	1170	78	5.031	4.478	3618				
<b>25</b>	100	6.7	0.853	0.573	5413	__ 8320004	__ 8320012	__ 8320020	__ 8320504.XX
	2500	125	6.122	5.412	2729				
	1750	87	5.180	4.536	3267				
<b>30</b>	1170	58	4.215	3.636	3917	__ 8320005	__ 8320013	__ 8320021	__ 8320505.XX
	100	5.0	0.746	0.452	5695				
	2500	100	5.162	4.457	2809				
<b>40</b>	1750	70	4.373	3.732	3360	__ 8320006	__ 8320014	__ 8320022	__ 8320506.XX
	1170	46	3.543	2.968	3996				
	100	4.0	0.655	0.362	5710				
<b>50</b>	2500	83	4.262	3.562	2694	__ 8320007	__ 8320015	__ 8320023	__ 8320507.XX
	1750	58	3.619	2.986	3226				
	1170	39	2.987	2.415	3902				
<b>60</b>	100	3.3	0.593	0.306	5787	__ 8320008	__ 8320016	__ 8320024	__ 8320508.XX
	2500	62	3.434	2.736	2759				
	1750	43	2.926	2.293	3303				
<b>80</b>	1170	29	2.402	1.833	3950	__ 8320009	__ 8320103	__ 8320107	__ 8320559.XX
	100	2.5	0.513	0.227	5710				
	2500	50	2.883	2.199	2772				
<b>100</b>	1750	35	2.462	1.841	3315	__ 8320100	__ 8320104	__ 8320108	__ 8320560.XX
	1170	23	2.018	1.461	3935				
	100	2.0	0.458	0.178	5601				
<b>100</b>	2500	41	2.471	1.812	2741	__ 8320100	__ 8320104	__ 8320108	__ 8320560.XX
	1750	29	2.114	1.515	3274				
	1170	19	1.733	1.197	3869				
<b>100</b>	100	1.7	0.414	0.144	5448	__ 8320100	__ 8320104	__ 8320108	__ 8320560.XX
	2500	31	1.122	0.796	1605				
	1750	21	1.030	0.695	2000				
<b>100</b>	1170	14	0.869	0.551	2371	__ 8320100	__ 8320104	__ 8320108	__ 8320560.XX
	100	1.3	0.143	0.064	3246				
	2500	25	0.754	0.503	1268				
<b>100</b>	1750	17	0.691	0.435	1567	__ 8320100	__ 8320104	__ 8320108	__ 8320560.XX
	1170	11	0.584	0.343	1846				
	100	1.0	0.097	0.040	2496				

### How To Build a Part Number For Size GRG832, GRL832, EL832

1. Select partial catalog number from the selection table
2. Replace leading “\_\_” with series code (GRG, GRL, EL)
3. For hollow output, replace “XX” suffix with bore code (see next page for codes)

#### Example:

Direct replacement to LEESON IRONMAN, 1-3/16” hollow output shaft, 5:1 ratio, 180TC coupling input  
 GRL-HM832-5-H-180TC-19  
 GRL8320569.19









#### GRG = GROVE GEAR

- Direct replacement to Grove Gear Flexaline
- 1-1/2” solid output shaft diameter
- For hollow bores, specify GRL Interchange
- Solid output shaft only

#### GRL = IRONMAN BY OHIO GEAR Interchange



- Direct replacement to LEESON IRONMAN & major brands.
- Hollow shaft option available
- 1-3/8” solid output shaft diameter

	Style BM			Style HM	Style BMQ			Style HMQ	
									
NEMA C Input Flange▲	Left Hand Catalog No.	Right Hand Catalog No.	Double Extension Catalog No.	Hollow Output Catalog No.*	Left Hand Catalog No.	Right Hand Catalog No.	Double Extension Catalog No.	Hollow Output Catalog No.*	Ratio
182-4TC 213-5TC	__8320205 __8320217	__8320209 __8320229	__8320213 __8320241	__8320569.XX __8320573.XX	__8320277 __8320289	__8320281 __8320301	__8320285 __8320313	__8320593.XX __8320597.XX	<b>5</b>
182-4TC 213-5TC	__8320206 __8320218	__8320210 __8320230	__8320214 __8320242	__8320570.XX __8320574.XX	__8320278 __8320290	__8320282 __8320302	__8320286 __8320314	__8320594.XX __8320598.XX	<b>7.5</b>
143-5TC 182-4TC 213-5TC	__8320049 __8320073 __8320219	__8320057 __8320081 __8320231	__8320065 __8320089 __8320243	__8320517.XX __8320525.XX __8320575.XX	__8320145 __8320169 __8320291	__8320153 __8320177 __8320303	__8320161 __8320185 __8320315	__8320541.XX __8320549.XX __8320599.XX	<b>10</b>
143-5TC 182-4TC	__8320050 __8320074	__8320058 __8320082	__8320066 __8320090	__8320518.XX __8320526.XX	__8320146 __8320170	__8320154 __8320178	__8320162 __8320186	__8320542.XX __8320550.XX	<b>15</b>
143-5TC 182-4TC	__8320051 __8320075	__8320059 __8320083	__8320067 __8320091	__8320519.XX __8320527.XX	__8320147 __8320171	__8320155 __8320179	__8320163 __8320187	__8320543.XX __8320551.XX	<b>20</b>
143-5TC 182-4TC	__8320052 __8320076	__8320060 __8320084	__8320068 __8320092	__8320520.XX __8320528.XX	__8320148 __8320172	__8320156 __8320180	__8320164 __8320188	__8320544.XX __8320552.XX	<b>25</b>
143-5TC 182-4TC	__8320053 __8320077	__8320061 __8320085	__8320069 __8320093	__8320521.XX __8320529.XX	__8320149 __8320173	__8320157 __8320181	__8320165 __8320189	__8320545.XX __8320553.XX	<b>30</b>
56C 143-5TC 182-4TC	__8320030 __8320054 __8320078	__8320038 __8320062 __8320086	__8320046 __8320070 __8320094	__8320514.XX __8320522.XX __8320530.XX	__8320126 __8320150 __8320174	__8320134 __8320158 __8320182	__8320142 __8320166 __8320190	__8320538.XX __8320546.XX __8320554.XX	<b>40</b>
56C 143-5TC 182-4TC	__8320031 __8320055 __8320079	__8320039 __8320063 __8320087	__8320047 __8320071 __8320095	__8320515.XX __8320523.XX __8320531.XX	__8320127 __8320151 __8320175	__8320135 __8320159 __8320183	__8320143 __8320167 __8320191	__8320539.XX __8320547.XX __8320555.XX	<b>50</b>
56C 143-5TC 182-4TC	__8320032 __8320056 __8320080	__8320040 __8320064 __8320088	__8320048 __8320072 __8320096	__8320516.XX __8320524.XX __8320532.XX	__8320128 __8320152 __8320176	__8320136 __8320160 __8320184	__8320144 __8320168 __8320192	__8320540.XX __8320548.XX __8320556.XX	<b>60</b>
56C 143-5TC	__8320111 __8320195	__8320115 __8320199	__8320119 __8320203	__8320563.XX __8320567.XX	__8320255 __8320267	__8320259 __8320271	__8320263 __8320275	__8320587.XX __8320591.XX	<b>80</b>
56C	__8320112	__8320116	__8320120	__8320564.XX	__8320256	__8320260	__8320264	__8320588.XX	<b>100</b>

▲ Consult Factory for other motor flanges available.

\* Catalog numbers are for hollow output shaft reducers.

When ordering, substitute the XX suffix with the required output bore code.

**Available bore codes**

Fraction Size	1-3/16"	1-1/4"	1-7/16"	1-1/2"	1-5/8"	1-11/16"	1-3/4"	1-7/8"	1-15/16"	2"	2-3/16"
Decimal Size	1.188	1.250	1.438	1.500	1.625	1.688	1.750	1.875	1.938	2.000	2.188
Output Bore Code	19	20	23	24	26	27	28	30	31	32	35

**QUICK REFERENCE**

**DIMENSIONS**

GR SERIES ..... Pages 52-73

EL SERIES ..... Pages 94-109

ACCESSORIES ..... Pages 284-295

OVERHUNG LOADS ..... Pages 660-662