

MAXIMUM RATING TABLES

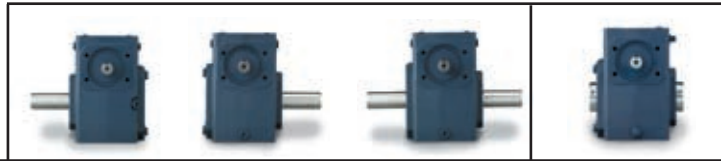
SIZE 815 • GR, NH SERIES



Size 815 is not available in EL Series.

Style B

Style H



Size 815

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.*
5	2500	500	2.310	2.151	271	__8150001	__8150013	__8150025	__8150501.10
	1750	350	1.939	1.794	323				
	1170	234	1.537	1.408	379				
	100	20	0.235	0.167	526				
7.5	2500	333	1.785	1.619	306	__8150002	__8150014	__8150026	__8150502.10
	1750	233	1.522	1.368	370				
	1170	156	1.205	1.068	431				
	100	13	0.196	0.125	591				
10	2500	250	1.500	1.324	334	__8150003	__8150015	__8150027	__8150503.10
	1750	175	1.279	1.116	402				
	1170	117	1.014	0.869	468				
	100	10	0.176	0.101	639				
15	2500	166	1.174	0.982	371	__8150004	__8150016	__8150028	__8150504.10
	1750	116	1.003	0.826	446				
	1170	78	0.800	0.643	519				
	100	6.7	0.155	0.075	706				
20	2500	125	1.077	0.860	434	__8150005	__8150017	__8150029	__8150505.10
	1750	87	0.919	0.719	518				
	1170	58	0.734	0.557	600				
	100	5.0	0.155	0.064	807				
25	2500	100	0.881	0.670	422	__8150006	__8150018	__8150030	__8150506.10
	1750	70	0.752	0.559	503				
	1170	46	0.602	0.431	580				
	100	4.0	0.137	0.049	775				
30	2500	83	0.729	0.526	398	__8150007	__8150019	__8150031	__8150507.10
	1750	58	0.630	0.442	478				
	1170	39	0.510	0.344	555				
	100	3.3	0.124	0.040	754				
40	2500	62	0.649	0.432	435	__8150008	__8150020	__8150032	__8150508.10
	1750	43	0.560	0.361	520				
	1170	29	0.456	0.279	601				
	100	2.5	0.122	0.032	808				
50	2500	50	0.536	0.329	415	__8150009	__8150021	__8150033	__8150509.10
	1750	35	0.464	0.274	494				
	1170	23	0.379	0.211	569				
	100	2.0	0.110	0.024	760				
60	2500	41	0.451	0.257	389	__8150010	__8150022	__8150034	__8150510.10
	1750	29	0.391	0.214	462				
	1170	19	0.321	0.165	532				
	100	1.7	0.099	0.019	707				
80	2500	31	0.219	0.109	220	__8150011	__8150023	__8150035	__8150511.10
	1750	21	0.204	0.093	269				
	1170	14	0.176	0.073	314				
	100	1.3	0.032	0.008	418				
100	2500	25	0.155	0.069	175	__8150012	__8150024	__8150036	__8150512.10
	1750	17	0.145	0.059	213				
	1170	11	0.126	0.046	248				
	100	1.0	0.024	0.005	328				

How To Build a Part Number For Size GR815 & NH815

1. Select partial catalog number from the selection table
2. Replace leading “__” with series code (GR, NH)

Example:

Grove Gear IRONMAN, style B, 5:1 ratio, left hand output
 GR-B815-5-L
 GR8150001

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
56C 143-5TC	__8150073 __8150109	__8150085 __8150121	__8150097 __8150133	__8150525.10 __8150537.10	__8150181 __8150217	__8150193 __8150229	__8150205 __8150241	__8150561.10 __8150573.10	5
56C 143-5TC	__8150074 __8150110	__8150086 __8150122	__8150098 __8150134	__8150526.10 __8150538.10	__8150182 __8150218	__8150194 __8150230	__8150206 __8150242	__8150562.10 __8150574.10	7.5
56C 143-5TC	__8150075 __8150111	__8150087 __8150123	__8150099 __8150135	__8150527.10 __8150539.10	__8150183 __8150219	__8150195 __8150231	__8150207 __8150243	__8150563.10 __8150575.10	10
56C 143-5TC	__8150076 __8150112	__8150088 __8150124	__8150100 __8150136	__8150528.10 __8150540.10	__8150184 __8150220	__8150196 __8150232	__8150208 __8150244	__8150564.10 __8150576.10	15
56C 143-5TC	__8150077 __8150113	__8150089 __8150125	__8150101 __8150137	__8150529.10 __8150541.10	__8150185 __8150221	__8150197 __8150233	__8150209 __8150245	__8150565.10 __8150577.10	20
56C	__8150078	__8150090	__8150102	__8150530.10	__8150186	__8150198	__8150210	__8150566.10	25
48CZ 56C	__8150043 __8150079	__8150055 __8150091	__8150067 __8150103	__8150519.10 __8150531.10	__8150151 __8150187	__8150163 __8150199	__8150175 __8150211	__8150555.10 __8150567.10	30
48CZ 56C	__8150044 __8150080	__8150056 __8150092	__8150068 __8150104	__8150520.10 __8150532.10	__8150152 __8150188	__8150164 __8150200	__8150176 __8150212	__8150556.10 __8150568.10	40
48CZ 56C	__8150045 __8150081	__8150057 __8150093	__8150069 __8150105	__8150521.10 __8150533.10	__8150153 __8150189	__8150165 __8150201	__8150177 __8150213	__8150557.10 __8150569.10	50
48CZ 56C	__8150046 __8150082	__8150058 __8150094	__8150070 __8150106	__8150522.10 __8150534.10	__8150154 __8150190	__8150166 __8150202	__8150178 __8150214	__8150558.10 __8150570.10	60
48CZ 56C	__8150047 __8150083	__8150059 __8150095	__8150071 __8150107	__8150523.10 __8150535.10	__8150155 __8150191	__8150167 __8150203	__8150179 __8150215	__8150559.10 __8150571.10	80
48CZ 56C	__8150048 __8150084	__8150060 __8150096	__8150072 __8150108	__8150524.10 __8150536.10	__8150156 __8150192	__8150168 __8150204	__8150180 __8150216	__8150560.10 __8150572.10	100

▲ Consult Factory for other motor flanges available.

QUICK REFERENCE

DIMENSIONS

GR SERIES Pages 52-73

NH SERIES Pages 74-93

ACCESSORIES Pages 284-295

OVERHUNG LOADS Pages 660-662