

Stainless Steel Maximum Rating Tables

Size 813

Style SBMQ

Style SHMQ

Style SHMQ

							  				
Ratio	Input RPM	Output RPM	Input HP	Output HP	Output Torque (lb-in)	NEMA C Input Frame	L Assembly Catalog No.	R Assembly Catalog No.	D Assembly Catalog No.	H1 Assembly Catalog No.*	H2 Assembly Catalog No.*
5	2500	500.0	1.528	1.429	180	56C	S133003700	S133004900	S133006100	S133045710	S133046910
	1750	350.0	1.248	1.158	209						
	1170	234.0	0.952	0.872	235						
	100	20.0	0.140	0.095	298						
7.5	2500	333.3	1.281	1.178	223	56C	S133003800	S133005000	S133006200	S133045810	S133047010
	1750	233.3	1.025	0.933	252						
	1170	156.0	0.770	0.689	278						
	870	116.0	0.615	0.540	293						
10	2500	250.0	1.016	0.912	230	56C	S133003900	S133005100	S133006300	S133045910	S133047110
	1750	175.0	0.823	0.729	263						
	1170	117.0	0.626	0.543	293						
	100	10.0	0.103	0.058	363						
15	2500	166.7	0.790	0.678	257	56C	S133004000	S133005200	S133006400	S133046010	S133047210
	1750	116.7	0.642	0.541	292						
	1170	78.0	0.491	0.402	325						
	100	6.7	0.090	0.042	401						
20	2500	125.0	0.681	0.562	283	56C	S133004100	S133005300	S133006500	S133046110	S133047310
	1750	87.5	0.551	0.445	320						
	1170	58.5	0.422	0.328	354						
	100	5.0	0.084	0.034	431						
25	2500	100.0	0.544	0.431	272	56C	S133004200	S133005400	S133006600	S133046210	S133047410
	1750	70.0	0.445	0.344	309						
	1170	46.8	0.344	0.255	344						
	100	4.0	0.074	0.027	423						
30	2500	83.3	0.481	0.364	276	56C	S133004300	S133005500	S133006700	S133046310	S133047510
	1750	58.3	0.395	0.290	314						
	1170	39.0	0.308	0.215	348						
	100	3.3	0.071	0.023	429						
40	2500	62.5	0.400	0.283	285	56C	S133004400	S133005600	S133006800	S133046410	S133047610
	1750	43.8	0.329	0.223	322						
	1170	29.3	0.258	0.165	355						
	100	2.5	0.066	0.017	432						
50	2500	50.0	0.346	0.232	292	56C	S133004500	S133005700	S133006900	S133046510	S133047710
	1750	35.0	0.285	0.182	327						
	1170	23.4	0.224	0.133	359						
	100	2.0	0.061	0.014	431						
60	2500	41.7	0.297	0.184	279	56C	S133004600	S133005800	S133007000	S133046610	S133047810
	1750	29.2	0.246	0.145	313						
	1170	19.5	0.195	0.107	345						
	100	1.7	0.058	0.011	415						
80	2500	31.3	0.144	0.081	163	56C	S133004700	S133005900	S133007100	S133046710	S133047910
	1750	21.9	0.121	0.064	183						
	1170	14.6	0.096	0.047	201						
	100	1.3	0.014	0.005	237						
100	2500	25.0	0.100	0.051	128	56C	S133004800	S133006000	S133007200	S133046810	S133048010
	1750	17.5	0.084	0.040	143						
	1170	11.7	0.067	0.029	156						
	100	1.0	0.010	0.003	184						

Consult Factory for other available styles and motor flanges.

* 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	5/8"
Decimal Size	0.625
Output Bore Code	10

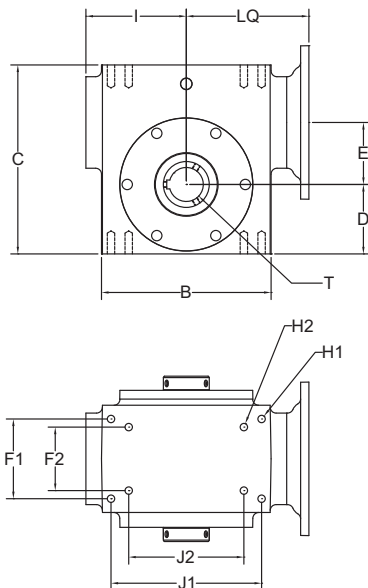
HMQ Style

	A	AD	B	C	D	E	F1	F2	H1	H2	I	J1	J2	LQ (56C)	LQ (180TC)	T MAX	T KWY	V	AG
813	2.82	3.69	3.80	4.66	1.72	1.333	2.00	N/A	5/16-18	N/A	2.38	3.25	N/A	3.48	N/A	0.625	3/16 x 3/32	1.00	4.75
815	3.44	4.40	4.88	5.38	1.91	1.540	2.75	N/A	5/16-18	N/A	2.91	4.19	N/A	4.01	N/A	0.625	3/16 x 3/32	1.00	5.42
818	3.32	4.40	5.06	5.75	2.06	1.750	2.75	1.63	5/16-18	1/4-20	3.01	4.19	3.13	4.11	N/A	1.000	1/4 x 1/8	1.44	5.50
821	3.60	4.78	5.80	6.38	2.28	2.063	3.00	2.00	5/16-18	5/16-18	3.38	4.75	4.00	4.48	N/A	1.500	3/8 x 3/16	1.94	6.00
824	4.06	4.97	6.12	6.94	2.50	2.375	2.88	N/A	3/8-16	N/A	3.69	5.00	N/A	4.63	5.24	1.500	3/8 x 3/16	1.94	6.00
826	4.54	5.80	7.25	8.00	2.94	2.625	3.38	2.69	3/8-16	3/8-16	4.25	6.38	4.88	5.19	5.80	1.500	3/8 x 3/16	1.94	7.00
832	5.45	6.80	8.50	9.38	3.50	3.250	4.00	2.75	7/16-14	1/2-13	4.94	7.50	6.25	5.88	6.49	2.188	1/2 x 1/4	2.75	7.88

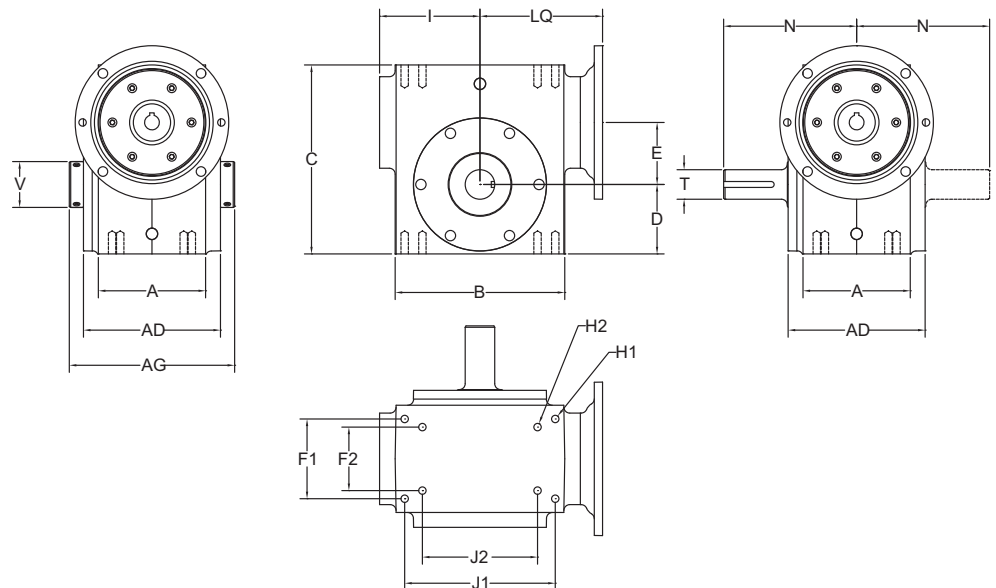
BMQ Style

	A	AD	B	C	D	E	F1	F2	H1	H2	I	J1	J2	LQ (56C)	LQ (180TC)	N	O/P Key	T
813	2.82	3.69	3.80	4.66	1.72	1.333	2.00	N/A	5/16-18	N/A	2.38	3.25	N/A	3.48	N/A	4.00	3/16 x 1.75	0.625
815	3.44	4.40	4.88	5.38	1.91	1.540	2.75	N/A	5/16-18	N/A	2.91	4.19	N/A	4.01	N/A	4.31	3/16 x 1.75	0.750
818	3.32	4.40	5.06	5.75	2.06	1.750	2.75	1.63	5/16-18	1/4-20	3.01	4.19	3.13	4.11	N/A	4.31	3/16 x 1.38	0.875
821	3.60	4.78	5.80	6.38	2.28	2.063	3.00	2.00	5/16-18	5/16-8	3.38	4.75	4.00	4.48	N/A	4.68	1/4 x 1.45	1.000
824	4.06	4.97	6.12	6.94	2.50	2.375	2.88	N/A	3/8-16	N/A	3.69	5.00	N/A	4.63	5.24	5.14	1/4 x 1.75	1.125
826	4.54	5.80	7.25	8.00	2.94	2.625	3.38	2.69	3/8-16	3/8-16	4.25	6.38	4.88	5.19	5.80	5.63	1/4 x 2.00	1.250
832	5.45	6.80	8.50	9.38	3.50	3.250	4.00	2.75	7/16-14	1/2-13	4.94	7.50	6.25	5.88	6.49	7.06	3/8 x 2.63	1.500

HMQ Style



BMQ Style



Single Reduction
Worm Gear Reducers

Double Reduction
Worm - Worm Gear Reducers

Double Reduction
Helical - Worm Gear Reducers

WASHGUARD® Reducers
and GEAR-H-MOTOR™

Ratio Multipliers

Accessories and
Additional Capabilities