

Stainless Steel Maximum Rating Tables

Size 826

826 Series

							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 (5.17 actual)	2500	500.0	7.946	7.486	944	143-5TC	S263003700	S263004900	S263006100	S2630457XX	S2630469XX
	1750	350.0	6.693	6.276	1130						
	1170	234.0	5.439	5.061	1363	182-4TC	S263007300	S263008500	S263009700	S2630481XX	S2630493XX
7.5	100	20.0	0.844	0.638	2010						
	2500	333.3	5.877	5.453	1031	143-5TC	S263003800	S263005000	S263006200	S2630458XX	S2630470XX
	1750	233.3	4.956	4.571	1235						
10	1170	156.0	4.018	3.671	1483	182-4TC	S263007400	S263008600	S263009800	S2630482XX	S2630494XX
	100	13.3	0.640	0.458	2166						
	2500	250.0	5.338	4.904	1236	143-5TC	S263003900	S263005100	S263006300	S2630459XX	S2630471XX
15	1750	175.0	4.492	4.097	1475						
	1170	117.0	3.579	3.226	1738	182-4TC	S263007500	S263008700	S263009900	S2630483XX	S2630495XX
	100	10.0	0.572	0.386	2431						
20	2500	166.7	4.316	3.881	1468	143-5TC	S263004000	S263005200	S263006400	S2630460XX	S2630472XX
	1750	116.7	3.614	3.216	1737						
	1170	78.0	2.821	2.468	1994	182-4TC	S263007600	S263008800	S263010000	S2630484XX	S2630496XX
25	100	6.7	0.467	0.279	2637						
	2500	125.0	3.503	3.050	1538	56C	S263000500	S263001700	S263002900	S2630437XX	S2630449XX
	1750	87.5	2.965	2.549	1836						
30	1170	58.5	2.339	1.970	2123	143-5TC	S263004100	S263005300	S263006500	S2630461XX	S2630473XX
	100	5.0	0.419	0.226	2849	182-4TC	S263007700	S263008900	S263010100	S2630485XX	S2630497XX
	2500	100.0	2.955	2.505	1579	56C	S263000600	S263001800	S263003000	S2630438XX	S2630450XX
40	1750	70.0	2.487	2.076	1869						
	1170	46.8	1.957	1.594	2146	143-5TC	S263004200	S263005400	S263006600	S2630462XX	S2630474XX
	100	4.0	0.370	0.180	2837						
50	2500	83.3	2.556	2.115	1600	56C	S263000700	S263001900	S263003100	S2630439XX	S2630451XX
	1750	58.3	2.145	1.743	1883						
	1170	39.0	1.687	1.332	2152	143-5TC	S263004300	S263005500	S263006700	S2630463XX	S2630475XX
60	100	3.3	0.335	0.149	2816						
	2500	62.5	1.989	1.545	1558	56C	S263000800	S263002000	S263003200	S2630440XX	S2630452XX
	1750	43.8	1.695	1.287	1854						
80	1170	29.3	1.354	0.993	2139	143-5TC	S263004400	S263005600	S263006800	S2630464XX	S2630476XX
	100	2.5	0.299	0.113	2857						
	2500	50.0	1.672	1.237	1560	56C	S263000900	S263002100	S263003300	S2630441XX	S2630453XX
100	1750	35.0	1.420	1.023	1843						
	1170	23.4	1.135	0.784	2112	143-5TC	S263004500	S263005700	S263006900	S2630465XX	S2630477XX
	100	2.0	0.269	0.088	2783						
120	2500	41.7	1.433	1.015	1536	56C	S263001000	S263002200	S263003400	S2630442XX	S2630454XX
	1750	29.2	1.216	0.835	1805						
	1170	19.5	0.973	0.637	2060	143-5TC	S263004600	S263005800	S263007000	S2630466XX	S2630478XX
150	100	1.7	0.245	0.071	2689						
	2500	31.3	0.659	0.456	919	56C	S263001100	S263002300	S263003500	S2630443XX	S2630455XX
	1750	21.9	0.577	0.379	1092						
200	1170	14.6	0.469	0.289	1247	143-5TC	S263004700	S263005900	S263007100	S2630467XX	S2630479XX
	100	1.3	0.070	0.032	1593						
	2500	25.0	0.441	0.286	721	56C	S263001200	S263002400	S263003600	S2630444XX	S2630456XX
250	1750	17.5	0.386	0.236	851						
	1170	11.7	0.314	0.179	966						
315	100	1.0	0.048	0.019	1222						

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	1"	1-1/8"	1-3/16"	1-1/4"	1-7/16"	1-1/2"
Decimal Size	1.000	1.125	1.188	1.250	1.438	1.500
Output Bore Code	16	18	19	20	23	24

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

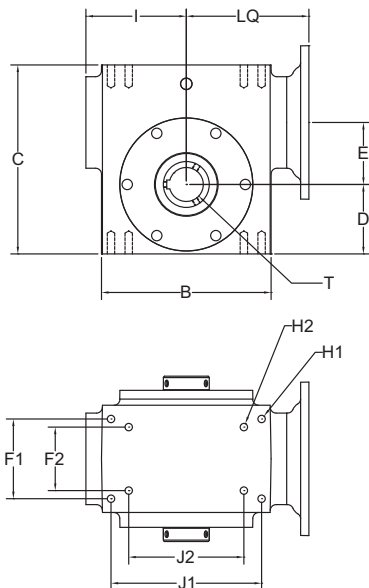
HMQ Style

	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

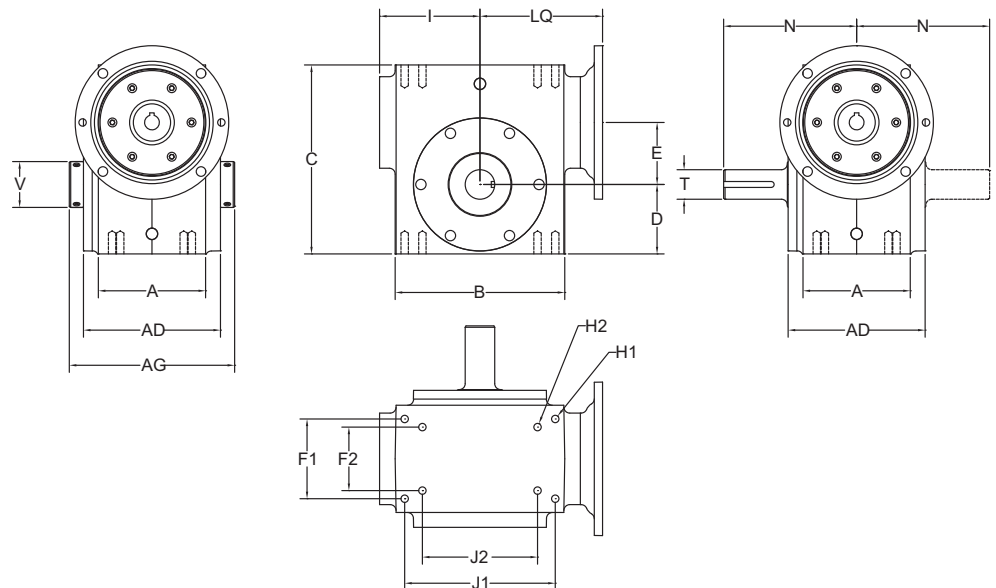
BMQ Style

	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