

Stainless Steel Maximum Rating Tables

Size 832

Single Reduction
Worm Gear Reducers

Double Reduction
Worm - Worm Gear Reducers

Double Reduction
Helical - Worm Gear Reducers

WASHGUARD® Reducers
and GEAR+MOTOR™

Ratio Multipliers

Accessories and
Additional Capabilities

832 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	2500	500.0	10.56	10.03	1306	182-4TC	S323007300	S323008500	S323009700	S3230625XX	S3230637XX
	1750	350.0	9.135	8.611	1602						
	1170	234.0	7.694	7.172	1995	213-5TC					
(5.17 actual)	100	20.0	1.289	1.097	3571		S323010900	S323012100	S323013300	S3230649XX	S3230661XX
7.5	2500	333.3	9.053	8.527	1612	182-4TC	S323007400	S323008600	S323009800	S3230626XX	S3230638XX
	1750	233.3	7.844	7.317	1976						
	1170	156.0	6.642	6.114	2469	213-5TC					
	100	13.3	1.136	0.949	4075		S323011000	S323012200	S323013400	S3230650XX	S3230662XX
10	2500	250.0	8.232	7.701	1941	143-5TC	S323003900	S323005100	S323006300	S3230603XX	S3230615XX
	1750	175.0	7.034	6.507	2343						
	1170	117.0	5.974	5.446	2932	182-4TC					
	100	10.0	0.857	0.704	4437	213-5TC	S323011100	S323012300	S323013500	S3230651XX	S3230663XX
15	2500	166.7	6.161	5.603	2118	143-5TC	S323004000	S323005200	S323006400	S3230604XX	S3230616XX
	1750	116.7	5.277	4.724	2551						
	1170	78.0	4.531	3.971	3207	182-4TC					
	100	6.7	0.682	0.518	4895		S323007600	S323008800	S323010000	S3230628XX	S3230640XX
20	2500	125.0	4.836	4.306	2170	143-5TC	S323004100	S323005300	S323006500	S3230605XX	S3230617XX
	1750	87.5	4.188	3.658	2633						
	1170	58.5	3.547	3.020	3253	182-4TC					
	100	5.0	0.528	0.381	4802		S323007700	S323008900	S323010100	S3230629XX	S3230641XX
25	2500	100.0	3.977	3.468	2185	143-5TC	S323004200	S323005400	S323006600	S3230606XX	S3230618XX
	1750	70.0	3.465	2.953	2658						
	1170	46.8	2.914	2.413	3248	182-4TC					
	100	4.0	0.434	0.298	4701		S323007800	S323009000	S323010200	S3230630XX	S3230642XX
30	2500	83.3	3.452	2.903	2195	143-5TC	S323004300	S323005500	S323006700	S3230607XX	S3230619XX
	1750	58.3	3.003	2.454	2651						
	1170	39.0	2.604	2.052	3315	182-4TC					
	100	3.3	0.425	0.265	5007		S323007900	S323009100	S323010300	S3230631XX	S3230643XX
40	2500	62.5	2.669	2.157	2174	56C	S323000800	S323002000	S323003200	S3230584XX	S3230596XX
	1750	43.8	2.348	1.834	2641						
	1170	29.3	2.019	1.509	3251	143-5TC					
	100	2.5	0.330	0.189	4769	182-4TC	S323008000	S323009200	S323010400	S3230632XX	S3230644XX
50	2500	50.0	2.152	1.674	2110	56C	S323000900	S323002100	S323003300	S3230585XX	S3230597XX
	1750	35.0	1.907	1.426	2568						
	1170	23.4	1.634	1.163	3130	143-5TC					
	100	2.0	0.270	0.143	4510	182-4TC	S323008100	S323009300	S323010500	S3230633XX	S3230645XX
60	2500	41.7	1.764	1.323	2001	56C	S323001000	S323002200	S323003400	S3230586XX	S3230598XX
	1750	29.2	1.573	1.128	2437						
	1170	19.5	1.346	0.913	2951	143-5TC					
	100	1.7	0.225	0.111	4201	182-4TC	S323008200	S323009400	S323010600	S3230634XX	S3230646XX
80	2500	31.3	1.122	0.796	1605	56C	S323001100	S323002300	S323003500	S3230587XX	S3230599XX
	1750	21.9	1.030	0.695	2000						
	1170	14.6	0.869	0.551	2371	143-5TC					
	100	1.3	0.143	0.064	3246		S323004700	S323005900	S323007100	S3230611XX	S3230623XX
100	2500	25.0	0.754	0.503	1268		S323001200	S323002400	S323003600	S3230588XX	S3230600XX
	1750	17.5	0.691	0.435	1567	56C					
	1170	11.7	0.584	0.343	1846						
	100	1.0	0.097	0.040	2496						

Consult Factory for other available styles and motor flanges.

Available bore codes

* Catalog numbers are for hollow output shaft reducers.
When ordering, substitute the XX suffix with the required output bore code.

Fraction Size	1-3/16"	1-1/4"	1-7/16"	1-1/2"	1-5/8"	1-11/16"	1-3/4"	1-15/16"	2"	2-3/16"
Decimal Size	1.188	1.250	1.438	1.500	1.625	1.688	1.75	1.938	2.000	2.188
Output Bore Code	19	20	23	24	26	27	28	31	32	35

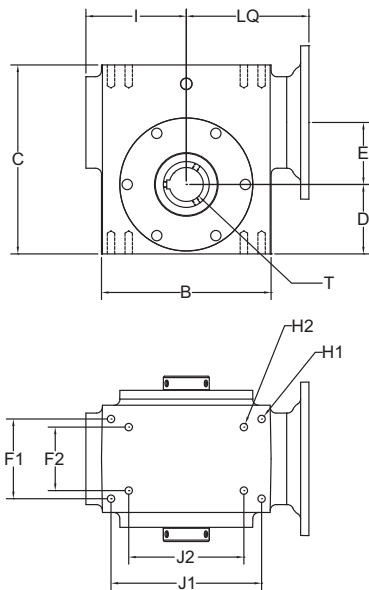
HMQ Style

	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

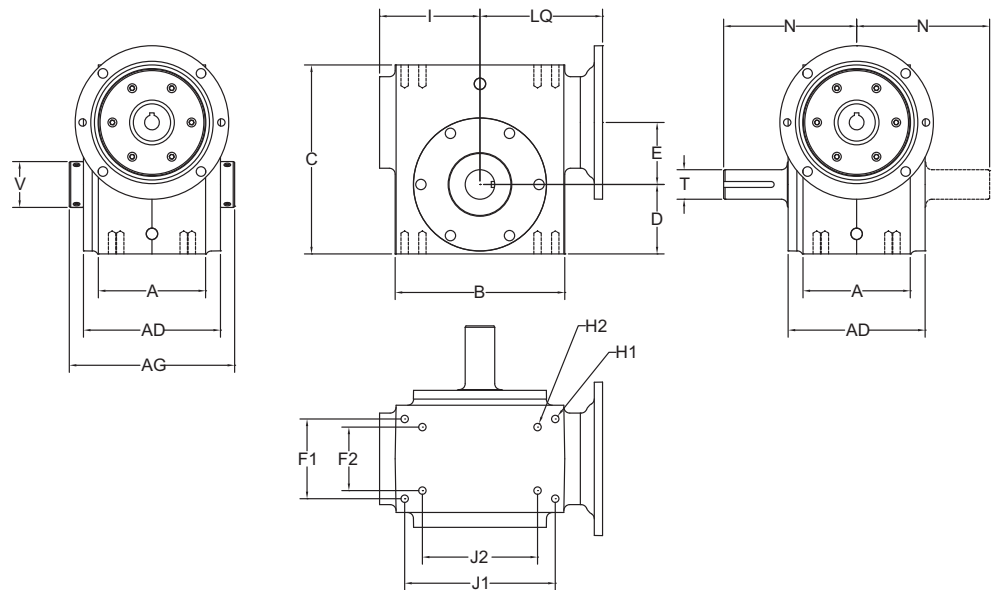
BMQ Style

	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



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