



**STAINLESS STEEL • SINGLE REDUCTION
QUICK SELECTIONS**



OHIO GEAR™



**Style SBMQ - C-Faced Quill Input
Left Hand Output Shaft
1750 RPM Input**

This Quick Selection is only for style SBMQ, left hand output reducers and Gear+Motors™. Contact LEESON for other reducer configurations.

1/2 HP

Gear Reducer Quick Selections

Output Speed (RPM)	Service Factor ▲	Output Torque (lb-in)	Overhung Load ■ (lbs.)	Ratio	Reducer Weight ◆ (lbs.)	Motor Frame	Model Number	Reducer Only Catalog Number
350	2.12	81	400	5	17	56C	SBMQ813-5-L-56	W8133801
233	1.54	112	400	7.5	17	56C	SBMQ813-7.5-L-56	W8133802
233	2.47	119	500	7.5	22	56C	SBMQ815-7.5-L-56	W8153802
175	1.45	151	400	10	17	56C	SBMQ813-10-L-56	W8133803
175	2.05	153	500	10	22	56C	SBMQ815-10-L-56	W8153803
117	1.13	215	400	15	17	56C	SBMQ813-15-L-56	W8133804
117	1.55	215	500	15	22	56C	SBMQ815-15-L-56	W8153804
117	4.68	230	1100	15	46	56C	SBMQ824-15-L-56	W8243804
88	1.29	271	500	20	22	56C	SBMQ815-20-L-56	W8153805
88	3.72	296	1100	20	46	56C	SBMQ824-20-L-56	W8243805
70	1.09	324	500	25	22	56C	SBMQ815-25-L-56	W8153806
70	3.11	350	1100	25	46	56C	SBMQ824-25-L-56	W8243806
58	2.65	420	1100	30	46	56C	SBMQ824-30-L-56	W8243807
44	2.12	520	1100	40	46	56C	SBMQ824-40-L-56	W8243808
35	1.72	619	1100	50	46	56C	SBMQ824-50-L-56	W8243809
35	3.82	673	1450	50	83	56C	SBMQ832-50-L-56	W8323809
29	1.43	706	1100	60	46	56C	SBMQ824-60-L-56	W8243810
29	3.13	779	1450	60	83	56C	SBMQ832-60-L-56	W8323810
22	2.10	933	1450	80	83	56C	SBMQ832-80-L-56	W8323811
18	1.45	1068	1450	100	83	56C	SBMQ832-100-L-56	W8323812

WASHGUARD® Reducers
and GEAR+MOTORS™

3/4 HP

Gear Reducer Quick Selections

350	1.41	122	400	5	17	56C	SBMQ813-5-L-56	W8133801
350	2.16	122	500	5	22	56C	SBMQ815-5-L-56	W8153801
233	1.03	168	400	7.5	17	56C	SBMQ813-7.5-L-56	W8133802
233	1.64	179	500	7.5	22	56C	SBMQ815-7.5-L-56	W8153802
175	1.36	230	500	10	22	56C	SBMQ815-10-L-56	W8153803
175	4.17	238	1100	10	46	56C	SBMQ824-10-L-56	W8243803
117	1.03	323	500	15	22	56C	SBMQ815-15-L-56	W8153804
117	3.12	345	1100	15	46	56C	SBMQ824-15-L-56	W8243804
88	2.48	444	1100	20	46	56C	SBMQ824-20-L-56	W8243805
70	2.07	525	1100	25	46	56C	SBMQ824-25-L-56	W8243806
58	1.77	629	1100	30	46	56C	SBMQ824-30-L-56	W8243807
58	4.09	630	1450	30	83	56C	SBMQ832-30-L-56	W8323807
44	1.41	780	1100	40	46	56C	SBMQ824-40-L-56	W8243808
44	3.15	839	1450	40	83	56C	SBMQ832-40-L-56	W8323808
35	1.15	928	1100	50	46	56C	SBMQ824-50-L-56	W8243809
35	2.54	1010	1450	50	83	56C	SBMQ832-50-L-56	W8323809
29	2.08	1169	1450	60	83	56C	SBMQ832-60-L-56	W8323810
22	1.40	1399	1450	80	83	56C	SBMQ832-80-L-56	W8323811

- ▲ Service factor is based on maximum torque rating of reducer. Refer to page 173 for special application considerations.
- Output shaft overhung load rating is based on load applied one shaft diameter from face of reducer housing.
- ◆ Weight includes oil.



1/2 HP Gear+Motor™ Quick Selections

Stainless Frame, TENV, 3 Phase 230/460V		All Stainless, TENV, 3 Phase 230/460V	
Catalog No.	Wgt. ♦ (lbs.)	Catalog No.	Wgt. ♦ (lbs.)
W8133801-114394	47	W8133801-116166	39
W8133802-114394	47	W8133802-116166	39
W8153802-114394	52	W8153802-116166	44
W8133803-114394	47	W8133803-116166	39
W8153803-114394	52	W8153803-116166	44
W8133804-114394	47	W8133804-116166	39
W8153804-114394	52	W8153804-116166	44
W8243804-114394	76	W8243804-116166	68
W8153805-114394	52	W8153805-116166	44
W8243805-114394	76	W8243805-116166	68
W8153806-114394	52	W8153806-116166	44
W8243806-114394	76	W8243806-116166	68
W8243807-114394	76	W8243807-116166	68
W8243808-114394	76	W8243808-116166	68
W8243809-114394	76	W8243809-116166	68
W8323809-114394	113	W8323809-116166	105
W8243810-114394	76	W8243810-116166	68
W8323810-114394	113	W8323810-116166	105
W8323811-114394	113	W8323811-116166	105
W8323812-114394	113	W8323812-116166	105

3/4 HP Gear+Motor™ Quick Selections

W8133801-114395	51	W8133801-116168	54
W8153801-114395	56	W8153801-116168	59
W8133802-114395	51	W8133802-116168	54
W8153802-114395	56	W8153802-116168	59
W8153803-114395	56	W8153803-116168	59
W8243803-114395	80	W8243803-116168	83
W8153804-114395	56	W8153804-116168	59
W8243804-114395	80	W8243804-116168	83
W8243805-114395	80	W8243805-116168	83
W8243806-114395	80	W8243806-116168	83
W8243807-114395	80	W8243807-116168	83
W8323807-114395	117	W8323807-116168	120
W8243808-114395	80	W8243808-116168	83
W8323808-114395	117	W8323808-116168	120
W8243809-114395	80	W8243809-116168	83
W8323809-114395	117	W8323809-116168	120
W8323810-114395	117	W8323810-116168	120
W8323811-114395	117	W8323811-116168	120

**WASHGUARD® Reducers
 and GEAR+MOTORS™**

GEAR+MOTOR™ catalog numbers are comprised of the reducer catalog number followed by the motor catalog number.
 ♦ Weight includes oil.



**STAINLESS STEEL • SINGLE REDUCTION
QUICK SELECTIONS**



OHIO GEAR™



**Style SBMQ - C-Faced Quill Input
Left Hand Output Shaft
1750 RPM Input**

This Quick Selection is only for style SBMQ, left hand output reducers and Gear+Motors™. Contact LEESON for other reducer configurations.

1 HP		Gear Reducer Quick Selections						
Output Speed (RPM)	Service Factor ▲	Output Torque (lb-in)	Overhung Load ■ (lbs.)	Ratio	Reducer Weight ◆ (lbs.)	Motor Frame	Model Number	Reducer Only Catalog Number
350	1.06	162	400	5	17	56C	SBMQ813-5-L-56	W8133801
350	1.61	163	500	5	22	56C	SBMQ815-5-L-56	W8153801
350	3.89	168	1100	5	46	143-5TC	SBMQ824-5-L-140	W8243837
233	1.24	238	500	7.5	22	56C	SBMQ815-7.5-L-56	W8153802
233	1.24	238	500	7.5	22	143-5TC	SBMQ815-7.5-L-140	W8153838
233	3.47	249	1100	7.5	46	143-5TC	SBMQ824-7.5-L-140	W8243838
175	1.02	307	500	10	22	56C	SBMQ815-10-L-56	W8153803
175	3.13	317	1100	10	46	143-5TC	SBMQ824-10-L-140	W8243839
117	2.34	460	1100	15	46	143-5TC	SBMQ824-15-L-140	W8243840
88	1.86	592	1100	20	46	143-5TC	SBMQ824-20-L-140	W8243841
88	4.21	626	1450	20	83	143-5TC	SBMQ832-20-L-140	W8323841
70	1.56	699	1100	25	46	143-5TC	SBMQ824-25-L-140	W8243842
70	3.47	767	1450	25	83	143-5TC	SBMQ832-25-L-140	W8323842
58	1.33	839	1100	30	46	143-5TC	SBMQ824-30-L-140	W8243843
58	3.07	840	1450	30	83	143-5TC	SBMQ832-30-L-140	W8323843
44	1.06	1040	1100	40	46	56C	SBMQ824-40-L-56	W8243808
44	2.36	1119	1450	40	83	143-5TC	SBMQ832-40-L-140	W8323844
35	1.91	1347	1450	50	83	143-5TC	SBMQ832-50-L-140	W8323845
29	1.56	1558	1450	60	83	143-5TC	SBMQ832-60-L-140	W8323846
22	1.05	1865	1450	80	83	56C	SBMQ832-80-L-56	W8323811
1-1/2 HP		Gear Reducer Quick Selections						
Output Speed (RPM)	Service Factor ▲	Output Torque (lb-in)	Overhung Load ■ (lbs.)	Ratio	Reducer Weight ◆ (lbs.)	Motor Frame	Model Number	Reducer Only Catalog Number
350	1.07	245	500	5	22	143-5TC	SBMQ815-5-L-140	W8153837
350	2.59	252	1100	5	46	143-5TC	SBMQ824-5-L-140	W8243837
233	2.31	374	1100	7.5	46	143-5TC	SBMQ824-7.5-L-140	W8243838
175	2.08	476	1100	10	46	143-5TC	SBMQ824-10-L-140	W8243839
117	1.56	691	1100	15	46	143-5TC	SBMQ824-15-L-140	W8243840
117	3.53	723	1450	15	83	143-5TC	SBMQ832-15-L-140	W8323840
88	1.24	887	1100	20	46	143-5TC	SBMQ824-20-L-140	W8243841
88	2.81	938	1450	20	83	143-5TC	SBMQ832-20-L-140	W8323841
70	1.04	1049	1100	25	46	143-5TC	SBMQ824-25-L-140	W8243842
70	2.31	1151	1450	25	83	143-5TC	SBMQ832-25-L-140	W8323842
58	2.05	1260	1450	30	83	143-5TC	SBMQ832-30-L-140	W8323843
44	1.57	1678	1450	40	83	143-5TC	SBMQ832-40-L-140	W8323844
35	1.27	2020	1450	50	83	143-5TC	SBMQ832-50-L-140	W8323845
29	1.04	2338	1450	60	83	143-5TC	SBMQ832-60-L-140	W8323846

WASHGUARD® Reducers and GEAR+MOTORS™

- ▲ Service factor is based on maximum torque rating of reducer. Refer to page 173 for special application considerations.
- Output shaft overhung load rating is based on load applied one shaft diameter from face of reducer housing.
- ◆ Weight includes oil.



1 HP		Gear+Motor™ Quick Selections	
Stainless Frame, TENV, 3 Phase 230/460V		All Stainless, TENV, 3 Phase 230/460V	
Catalog No.	Wgt. ♦ (lbs.)	Catalog No.	Wgt. ♦ (lbs.)
W8133801-114437	61	W8133801-116170	55
W8153801-114437	66	W8153801-116170	60
W8243837-121109	86	W8243837-121523	85
W8153802-114437	66	W8153802-116170	60
W8153838-121109	62	W8153838-121523	61
W8243838-121109	86	W8243838-121523	85
W8153803-114437	66	W8153803-116170	60
W8243839-121109	86	W8243839-121523	85
W8243840-121109	86	W8243840-121523	85
W8243841-121109	86	W8243841-121523	85
W8323841-121109	123	W8323841-121523	122
W8243842-121109	86	W8243842-121523	85
W8323842-121109	123	W8323842-121523	122
W8243843-121109	86	W8243843-121523	85
W8323843-121109	123	W8323843-121523	122
W8243808-114437	90	W8243808-116170	84
W8323844-121109	123	W8323844-121523	122
W8323845-121109	123	W8323845-121523	122
W8323846-121109	123	W8323846-121523	122
W8323811-114437	127	W8323811-116170	121
1-1/2 HP		Gear+Motor™ Quick Selections	
W8153837-121350**	62	W8153837-121525*	68
W8243837-121350**	86	W8243837-121525*	92
W8243838-121350**	86	W8243838-121525*	92
W8243839-121350**	86	W8243839-121525*	92
W8243840-121350**	86	W8243840-121525*	92
W8323840-121350**	123	W8323840-121525*	129
W8243841-121350**	86	W8243841-121525*	92
W8323841-121350**	123	W8323841-121525*	129
W8243842-121350**	86	W8243842-121525*	92
W8323842-121350**	123	W8323842-121525*	129
W8323843-121350**	123	W8323843-121525*	129
W8323844-121350**	123	W8323844-121525*	129
W8323845-121350**	123	W8323845-121525*	129
W8323846-121350**	123	W8323846-121525*	129

**WASHGUARD® Reducers
 and GEAR+MOTORS™**

GEAR+MOTOR™ catalog numbers are comprised of the reducer catalog number followed by the motor catalog number.
 * These motors are fan cooled.
 ** These motors are TEFC with stainless steel fan cover and chemically inert fan.
 ♦ Weight includes oil.



**STAINLESS STEEL • SINGLE REDUCTION
QUICK SELECTIONS**



OHIO GEAR™



**Style SBMQ - C-Faced Quill Input
Left Hand Output Shaft
1750 RPM Input**

This Quick Selection is only for style SBMQ, left hand output reducers and Gear+Motors™. Contact LEESON for other reducer configurations.

2 HP		Gear Reducer Quick Selections						
Output Speed (RPM)	Service Factor ▲	Output Torque (lb-in)	Overhung Load ■ (lbs.)	Ratio	Reducer Weight ◆ (lbs.)	Motor Frame	Model Number	Reducer Only Catalog Number
350	1.94	336	1100	5	46	143-5TC	SBMQ824-5-L-140	W8243837
233	1.73	499	1100	7.5	46	143-5TC	SBMQ824-7.5-L-140	W8243838
233	3.91	505	1450	7.5	83	143-5TC	SBMQ832-7.5-L-140	W8323838
175	1.56	635	1100	10	46	143-5TC	SBMQ824-10-L-140	W8243839
175	3.51	667	1450	10	83	143-5TC	SBMQ832-10-L-140	W8323839
117	1.17	921	1100	15	46	143-5TC	SBMQ824-15-L-140	W8243840
117	2.65	964	1450	15	83	143-5TC	SBMQ832-15-L-140	W8323840
88	2.10	1251	1450	20	83	143-5TC	SBMQ832-20-L-140	W8323841
70	1.73	1535	1450	25	83	143-5TC	SBMQ832-25-L-140	W8323842
58	1.53	1680	1450	30	83	143-5TC	SBMQ832-30-L-140	W8323843
3 HP		Gear Reducer Quick Selections						
Output Speed (RPM)	Service Factor ▲	Output Torque (lb-in)	Overhung Load ■ (lbs.)	Ratio	Reducer Weight ◆ (lbs.)	Motor Frame	Model Number	Reducer Only Catalog Number
350	1.30	504	1100	5	46	182-4TC	SBMQ824-5-L-180	W8243873
350	3.15	509	1450	5	83	182-4TC	SBMQ832-5-L-180	W8323873
233	1.15	748	1100	7.5	46	182-4TC	SBMQ824-7.5-L-180	W8243874
233	2.61	757	1450	7.5	83	182-4TC	SBMQ832-7.5-L-180	W8323874
175	1.04	952	1100	10	46	182-4TC	SBMQ824-10-L-180	W8243875
175	2.34	1000	1450	10	83	182-4TC	SBMQ832-10-L-180	W8323875
117	1.76	1446	1450	15	83	182-4TC	SBMQ832-15-L-180	W8323876
88	1.40	1877	1450	20	83	182-4TC	SBMQ832-20-L-180	W8323877
70	1.15	2302	1450	25	83	182-4TC	SBMQ832-25-L-180	W8323878
58	1.02	2520	1450	30	83	182-4TC	SBMQ832-30-L-180	W8323879
5 HP		Gear Reducer Quick Selections						
Output Speed (RPM)	Service Factor ▲	Output Torque (lb-in)	Overhung Load ■ (lbs.)	Ratio	Reducer Weight ◆ (lbs.)	Motor Frame	Model Number	Reducer Only Catalog Number
350	1.89	849	1450	5	83	182-4TC	SBMQ832-5-L-180	W8323873
233	1.57	1262	1450	7.5	83	182-4TC	SBMQ832-7.5-L-180	W8323874
175	1.41	1667	1450	10	83	182-4TC	SBMQ832-10-L-180	W8323875
117	1.06	2410	1450	15	83	182-4TC	SBMQ832-15-L-180	W8323876

WASHGUARD® Reducers and GEAR+MOTORS™

- ▲ Service factor is based on maximum torque rating of reducer. Refer to page 173 for special application considerations.
- Output shaft overhung load rating is based on load applied one shaft diameter from face of reducer housing.
- ◆ Weight includes oil.



2 HP Gear+Motor™ Quick Selections			
Stainless Frame, TEFC, 3 Phase 230/460V		All Stainless, TENV, 3 Phase 230/460V	
Catalog No.	Wgt. ♦ (lbs.)	Catalog No.	Wgt. ♦ (lbs.)
W8243837-121351	97	W8243837-121527	93
W8243838-121351	97	W8243838-121527	93
W8323838-121351	134	W8323838-121527	130
W8243839-121351	97	W8243839-121527	93
W8323839-121351	134	W8323839-121527	130
W8243840-121351	97	W8243840-121527	93
W8323840-121351	134	W8323840-121527	130
W8323841-121351	134	W8323841-121527	130
W8323842-121351	134	W8323842-121527	130
W8323843-121351	134	W8323843-121527	130
3 HP Gear+Motor™ Quick Selections			
—	—	W8243873-131923	113
—	—	W8323873-131923	150
—	—	W8243874-131923	113
—	—	W8323874-131923	150
—	—	W8243875-131923	113
—	—	W8323875-131923	150
—	—	W8323876-131923	150
—	—	W8323877-131923	150
—	—	W8323878-131923	150
—	—	W8323879-131923	150
5 HP Gear+Motor™ Quick Selections			
—	—	W8323873-131924	162
—	—	W8323874-131924	162
—	—	W8323875-131924	162
—	—	W8323876-131924	162

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 ♦ Weight includes oil.