

1 Horsepower Stock Gear-Motors



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Baldor has pre-selected and assembled our stock 900 Series* speed reducers to our most stock popular single-phase, three-phase and DC Industrial motors. These pre-assembled *Gear-Motors* offer a variety of output torques and output speeds to fit most industrial applications. To order select the desired output speed and torque or speed and input horsepower, then choose the corresponding Baldor catalog number. Your *Gear-Motor* will ship in one package, pre-assembled from the factory within 48 hours.

RPM	Service Factor	Output Torque In. Lbs.	Max. Overhung Load Rating	Ratio	NEMA Input	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
TEFC, 1 Phase 115/230 Volt									
350	1.10	149	240	5:1	56C	GF0513AGA10	841	GB	58
175	1.50	285	600	10:1	56C	GF1018AGA10	879	GB	68
117	1.35	491	750	15:1	56C	GF1521AGA10	990	GB	73
88	1.70	603	1000	20:1	56C	GF2024AGA10	1089	GB	78
70	1.40	730	1000	25:1	56C	GF2524AGA10	1089	GB	78
58	1.30	842	1000	30:1	56C	GF3024AGA10	1089	GB	78
44	1.20	1053	1100	40:1	56C	GF4024AGA10	1089	GB	78
35	1.70	1131	1300	50:1	56C	GF5030AGA10	1464	GB	106
29	1.50	1196	1300	60:1	56C	GF6030AGA10	1464	GB	106
TEFC, 3 Phase, 230/460 Volt									
350	1.10	149	240	5:1	56C	GF0513AGB10	754	GB	50
175	1.50	285	600	10:1	56C	GF1018AGB10	792	GB	60
117	1.35	491	750	15:1	56C	GF1521AGB10	903	GB	65
88	1.70	603	1000	20:1	56C	GF2024AGB10	1002	GB	70
70	1.40	730	1000	25:1	56C	GF2524AGB10	1002	GB	70
58	1.30	842	1000	30:1	56C	GF3024AGB10	1002	GB	70
44	1.20	1053	1100	40:1	56C	GF4024AGB10	1002	GB	70
35	1.70	1131	1300	50:1	56C	GF5030AGB10	1377	GB	98
29	1.50	1196	1300	60:1	56C	GF6030AGB10	1377	GB	98
TENV, DC SCR, 90 Volt									
350	1.10	149	240	5:1	56C	GF0513AGC10	1295	GB	64
175	1.50	285	600	10:1	56C	GF1018AGC10	1333	GB	74
117	1.35	491	750	15:1	56C	GF1521AGC10	1444	GB	79
88	1.70	603	1000	20:1	56C	GF2024AGC10	1543	GB	84
70	1.40	730	1000	25:1	56C	GF2524AGC10	1543	GB	84
58	1.30	842	1000	30:1	56C	GF3024AGC10	1543	GB	84
44	1.20	1053	1100	40:1	56C	GF4024AGC10	1543	GB	84
35	1.70	1131	1300	50:1	56C	GF5030AGC10	1918	GB	112
29	1.50	1196	1300	60:1	56C	GF6030AGC10	1918	GB	112
TENV, DC SCR, 180 Volt									
350	1.10	149	240	5:1	56C	GF0513AGD10	1295	GB	64
175	1.50	285	600	10:1	56C	GF1018AGD10	1333	GB	74
117	1.35	491	750	15:1	56C	GF1521AGD10	1444	GB	79
88	1.70	603	1000	20:1	56C	GF2024AGD10	1543	GB	84
70	1.40	730	1000	25:1	56C	GF2524AGD10	1543	GB	84
58	1.30	842	1000	30:1	56C	GF3024AGD10	1543	GB	84
44	1.20	1053	1100	40:1	56C	GF4024AGD10	1543	GB	84
35	1.70	1131	1300	50:1	56C	GF5030AGD10	1918	GB	112
29	1.50	1196	1300	60:1	56C	GF6030AGD10	1918	GB	112

NOTE: *See page 378 for 900 Series features.

1-1/2 Horsepower Stock Gear-Motors



Baldor has pre-selected and assembled our stock 900 Series* speed reducers to our most stock popular single-phase, three-phase and DC Industrial motors. These pre-assembled *Gear-Motors* offer a variety of output torques and output speeds to fit most industrial applications. To order select the desired output speed and torque or speed and input horsepower, then choose the corresponding Baldor catalog number. Your *Gear-Motor* will ship in one package, pre-assembled from the factory within 48 hours.

RPM	Service Factor	Output Torque In. Lbs.	Max. Overhung Load Rating	Ratio	NEMA Input	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
TEFC, 1 Phase 115/230 Volt									
350	1.30	240	600	5:1	56C	GF0518AGA15	937	GB	77
175	1.30	468	750	10:1	56C	GF1018AGA15	937	GB	77
117	1.40	705	1000	15:1	56C	GF1524AGA15	1147	GB	87
88	1.10	905	1000	20:1	56C	GF2024AGA15	1147	GB	87
70	1.20	1133	1100	25:1	140TC	GF2526BGA15	1257	GB	102
58	1.60	1201	1300	30:1	56C	GF3030AGA15	1522	GB	115
44	1.20	1598	1300	40:1	56C	GF4030AGA15	1522	GB	115
35	1.20	1940	1500	50:1	140TC	GF5032BGA15	1608	GB	134
29	1.60	1880	2000	60:1	140TC	GF6038BGA15	1860	GB	173
TEFC, 3 Phase, 230/460 Volt									
350	1.30	240	600	5:1	56C	GF0518AGB15	835	GB	64
175	1.30	468	750	10:1	56C	GF1018AGB15	835	GB	64
117	1.40	705	1000	15:1	56C	GF1524AGB15	1045	GB	74
88	1.10	905	1000	20:1	56C	GF2024AGB15	1045	GB	74
70	1.20	1133	1100	25:1	140TC	GF2526BGB15	1158	GB	89
58	1.60	1201	1300	30:1	56C	GF3030AGB15	1420	GB	102
44	1.20	1598	1300	40:1	56C	GF4030AGB15	1420	GB	102
35	1.20	1940	1500	50:1	56C	GF5032AGB15	1506	GB	121
29	1.60	1880	2000	60:1	140TC	GF6038BGB15	1752	GB	160
TENV, DC SCR, 180 Volt									
350	1.30	240	600	5:1	140TC	GF0518BGD15	2088	GB	97
175	1.30	468	750	10:1	140TC	GF1018BGD15	2088	GB	97
117	1.40	705	1000	15:1	140TC	GF1524BGD15	2298	GB	107
88	1.10	905	1000	20:1	140TC	GF2024BGD15	2298	GB	107
70	1.20	1133	1100	25:1	140TC	GF2526BGD15	2402	GB	122
58	1.60	1201	1300	30:1	140TC	GF3030BGD15	2673	GB	135
44	1.20	1598	1300	40:1	140TC	GF4030BGD15	2673	GB	135
35	1.20	1940	1500	50:1	140TC	GF5032BGD15	2759	GB	154
29	1.60	1880	2000	60:1	140TC	GF6038BGD15	3005	GB	193

NOTE: *See page 378 for 900 Series features.

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RPM	Service Factor	Output Torque In. Lbs.	Max. Overhung Load Rating	Ratio	NEMA Input	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
TEFC, 1 Phase 115/230 Volt									
350	1.60	327	750	5:1	140TC	GF0521BGA20	1361	GB	84
175	1.40	654	1000	10:1	140TC	GF1024BGA20	1460	GB	89
117	1.30	950	1100	15:1	140TC	GF1526BGA20	1564	GB	104
88	1.10	1216	1100	20:1	140TC	GF2026BGA20	1564	GB	104
70	1.40	1423	1300	25:1	140TC	GF2530BGA20	1835	GB	117
58	1.20	1608	1300	30:1	140TC	GF3030BGA20	1835	GB	117
44	1.10	2160	1500	40:1	140TC	GF4032BGA20	1921	GB	136
35	1.30	2305	2000	50:1	140TC	GF5038BGA20	2167	GB	175
29	1.20	2508	2000	60:1	140TC	GF6038BGA20	2167	GB	175
TEFC, 3 Phase, 230/460 Volt									
350	1.60	327	750	5:1	140TC	GF0521BGB20	975	GB	77
175	1.40	654	1000	10:1	140TC	GF1024BGB20	1074	GB	82
117	1.30	950	1100	15:1	140TC	GF1526BGB20	1178	GB	97
88	1.10	1216	1100	20:1	140TC	GF2026BGB20	1178	GB	97
70	1.40	1423	1300	25:1	140TC	GF2530BGB20	1449	GB	110
58	1.20	1608	1300	30:1	140TC	GF3030BGB20	1449	GB	110
44	1.10	2160	1500	40:1	140TC	GF4032BGB20	1535	GB	129
35	1.30	2305	2000	50:1	140TC	GF5038BGB20	1781	GB	168
29	1.20	2508	2000	60:1	140TC	GF6038BGB20	1781	GB	168
TENV, DC SCR, 180 Volt									
350	1.60	327	750	5:1	140TC	GF0521BGD20	2517	GB	109
175	1.40	654	1000	10:1	140TC	GF1024BGD20	2616	GB	114
117	1.30	950	1100	15:1	140TC	GF1526BGD20	2720	GB	129
88	1.10	1216	1100	20:1	140TC	GF2026BGD20	2720	GB	129
70	1.40	1423	1300	25:1	140TC	GF2530BGD20	2991	GB	142
58	1.20	1608	1300	30:1	140TC	GF3030BGD20	2991	GB	142
44	1.10	2160	1500	40:1	140TC	GF4032BGD20	3077	GB	161
35	1.30	2305	2000	50:1	140TC	GF5038BGD20	3323	GB	200
29	1.20	2508	2000	60:1	140TC	GF6038BGD20	3323	GB	200

NOTE: *See page 378 for 900 Series features.

Universal Series – Right Angle – Quill Type – Solid Shaft

1.33 thru 3.50 CD

56C thru 180TC



GSF2018AA Shown

Applications: Ideal for conveyors, material handling, textile machines, packaging machinery. etc. (slow speed and high torque).

Features: Heavy duty cast iron housings, forged bronze worm gears, hardened steel worms, ball bearing on input shaft, tapered roller bearings on output shaft. Integral heavy duty mounting feet cast on top and bottom of housing. Single output shaft, right hand facing input shaft. Pre-lubricated with Klubersynth UH1-6-460.

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-Lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-Lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.18	0.25	0.33	0.5	0.75	1	1.5	2	3	5								
175	10:1		109	163								0.64	207	56C	STF-133-10-A-A	GSF1013AA	501	GB	21
					245	327						1.22	396	56C	STF-175-10-A-A	GSF1018AA	548	GB	22
					245	327						1.22	396	140TC	STF-175-10-B-A	GSF1018BA	548	GB	23
				244	325	488						1.77	572	56C	STF-200-10-A-A	GSF1020AA	654	GB	30
					325	488						1.77	572	140TC	STF-200-10-B-A	GSF1020BA	654	GB	29
					325	488	651					2.44	788	140TC	STF-225-10-B-A	GSF1023BA	742	GB	32
					488	651						3.43	1109	140TC	STF-258-10-B-A	GSF1026BA	947	GB	46
						651	976					3.43	1109	180TC	STF-258-10-C-A	GSF1026CA	947	GB	55
117	15:1		119	159							0.46	221	56C	STF-133-15-A-A	GSF1513AA	501	GB	21	
			159	239	359						0.87	416	56C	STF-175-15-A-A	GSF1518AA	548	GB	23	
				238	357	475					1.28	605	56C	STF-200-15-A-A	GSF1520AA	654	GB	29	
				359	478	717					1.84	875	56C	STF-225-15-A-A	GSF1523AA	742	GB	37	
					478	717					1.84	875	140TC	STF-225-15-B-A	GSF1523BA	742	GB	33	
					478	717	956				2.50	1188	140TC	STF-258-15-B-A	GSF1526BA	947	GB	51	
					717	956					3.25	1544	140TC	STF-300-15-B-A	GSF1530BA	1082	GB	57	
					717	956	1434				3.25	1544	180TC	STF-300-15-C-A	GSF1530CA	1082	GB	61	
88	20:1		102	154	205						0.36	220	56C	STF-133-20-A-A	GSF2013AA	501	GB	24	
				205	308						0.68	419	56C	STF-175-20-A-A	GSF2018AA	548	GB	23	
					308	462	616				1.00	612	56C	STF-200-20-A-A	GSF2020AA	654	GB	30	
					308	462	616				1.00	612	140TC	STF-200-20-B-A	GSF2020BA	654	GB	28	
					309	463	617				1.35	8.28	56C	STF-225-20-A-A	GSF2023AA	742	GB	37	
					309	463	617				1.35	8.28	140TC	STF-225-20-B-A	GSF2023BA	742	GB	33	
					461	615	923				1.92	1174	56C	STF-258-20-A-A	GSF2026AA	947	GB	51	
						615	923				1.92	1174	140TC	STF-258-20-B-A	GSF2026BA	947	GB	51	
					615	923	1230				2.52	1541	140TC	STF-300-20-B-A	GSF2030BA	1082	GB	57	
						923	1230				2.52	1541	180TC	STF-300-20-C-A	GSF2030CA	1082	GB	62	
					1230	1845			3.89	2363	180TC	STF-350-20-C-A	GSF2035CA	1484	GB	90			

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
 Service Class II Torque Ratings (≥ 1.4 Service Factor)
 Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.
 Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

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