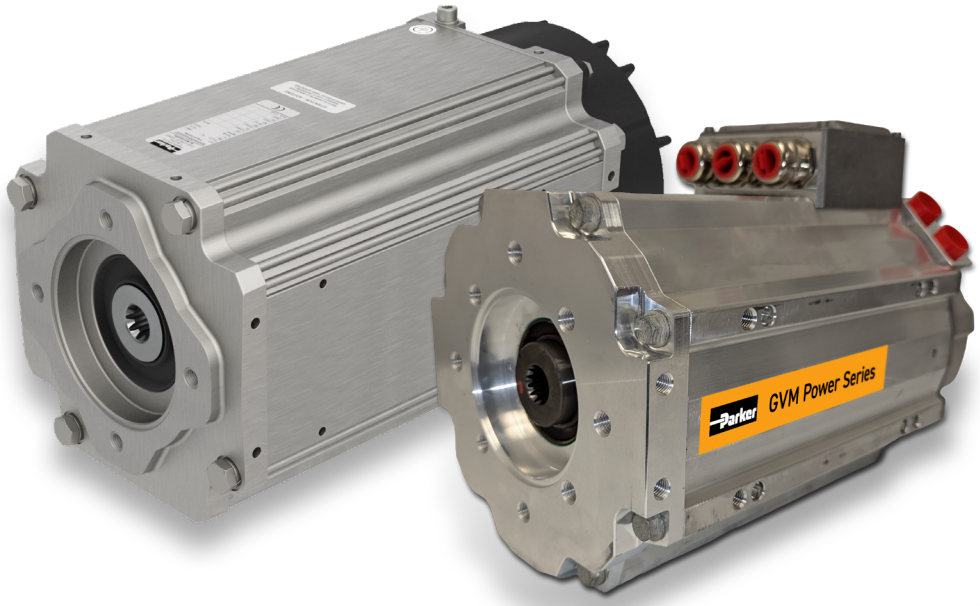

GLOBAL eMOTOR PERFORMANCE BY VOLTAGE

Permanent Magnet (PMAC) Motors and Generators for Vehicle Applications

Parker

WARNING - USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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- The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

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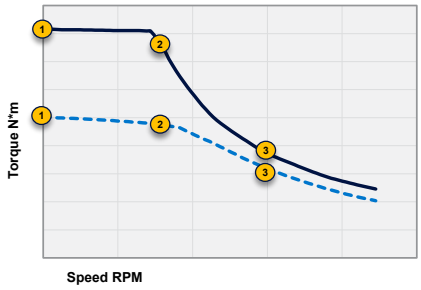
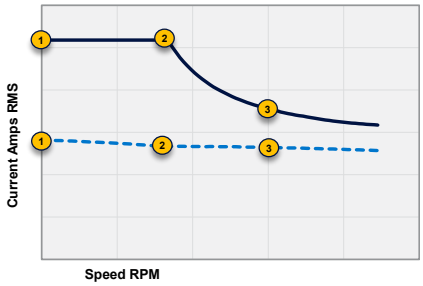
If you have questions about the products contained in this catalog, or their applications, please contact:
Parker Hannifin Electronic Controls & Motion Division.
parker.com

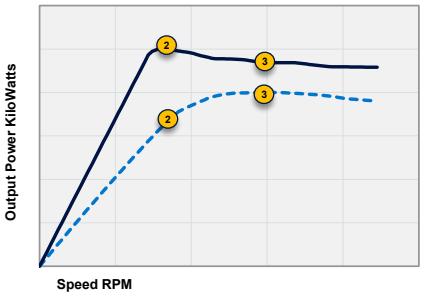
24 VDC SUPPLY VOLTAGE

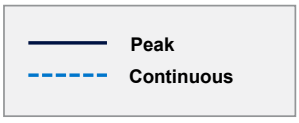
NX82H Series Accessory Motors & Generators

Performance @ 24 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX82HMSB	19	407	55	1369
NX82HMSC	19	274	55	917
NX82HMSD	19	209	55	685
NX82HMSE	19	168	55	549
NX82HMSF	19	139	55	459
NX82HMSG	19	122	55	394

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82HMSB	3665	16	361	6	54	1366	21
NX82HMSC	2224	18	259	4	55	911	13
NX82HMSD	1689	19	201	3	55	685	10
NX82HMSE	1219	19	164	2	55	548	7
NX82HMSF	960	19	137	2	55	455	6
NX82HMSG	733	19	120	1	55	393	4

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82HMSB	5205	15	326	8	39	1270	21
NX82HMSC	3439	16	249	6	38	813	14
NX82HMSD	2596	17	196	5	35	584	10
NX82HMSE	2029	17	158	4	35	456	7
NX82HMSF	1657	17	136	3	33	369	6
NX82HMSG	1381	18	117	3	33	303	5

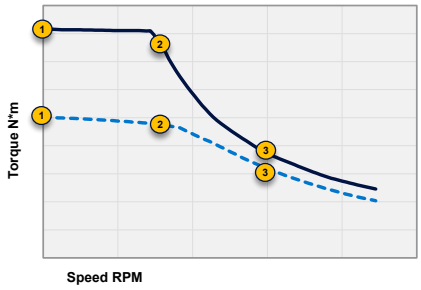
Assumes Front Face Heatsink Cooling, 60°C

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

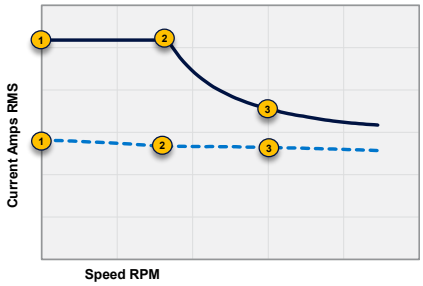
Contact Parker for compatible inverter recommendations

NX84H Series Accessory Motors & Generators

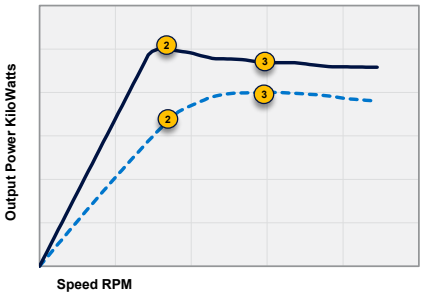
Performance @ 24 VDC



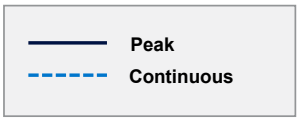
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX84HMSB	36	382	110	1328
NX84HMSC	36	255	110	888
NX84HMSD	36	193	110	666



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84HMSB	1705	33	361	6	109	1328	20
NX84HMSC	1041	35	251	4	110	882	12
NX84HMSD	652	35	191	2	110	663	7



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84HMSB	2564	30	343	8	78	1250	21
NX84HMSC	1673	32	245	6	73	789	13
NX84HMSD	1203	33	184	4	69	556	9



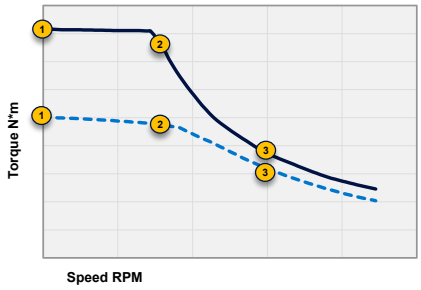
Assumes Front Face Heatsink Cooling, 60°C

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

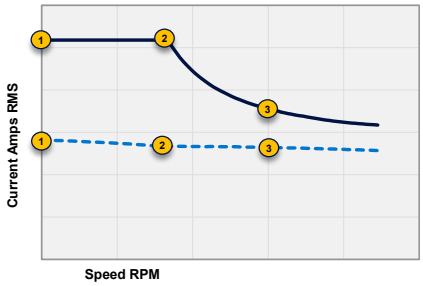
Contact Parker for compatible inverter recommendations

NX86H Series Accessory Motors & Generators

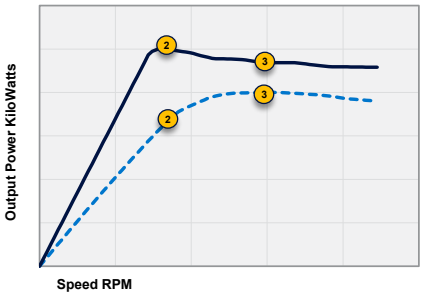
Performance @ 24 VDC



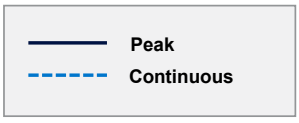
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX86HMSB	48	349	165	1331
NX86HMSC	48	231	165	886



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86HMSB	1041	46	330	5	165	1328	18
NX86HMSC	603	46	227	3	164	880	10



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86HMSB	1673	43	316	7	113	1211	20
NX86HMSC	1073	45	219	5	104	741	12



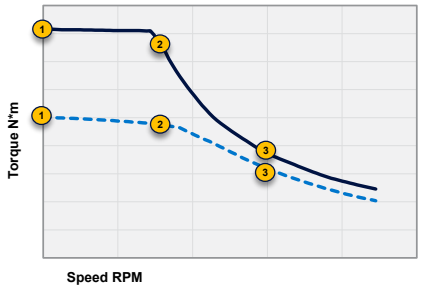
Assumes Front Face Heatsink Cooling, 60°C

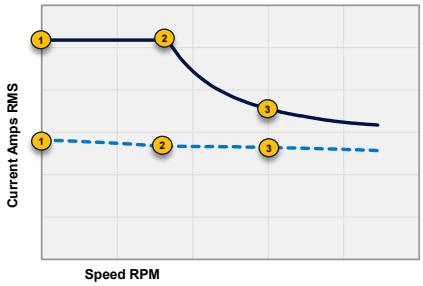
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

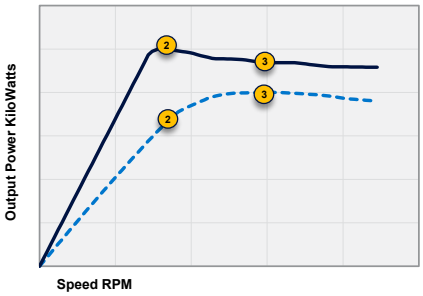
Contact Parker for compatible inverter recommendations

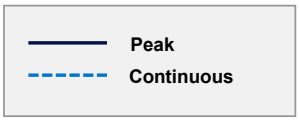
NX82W Series Accessory Motors & Generators

Performance @ 24 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX82WMSB	23	481	55	1369
NX82WMSC	23	325	55	917
NX82WMSD	23	245	55	685
NX82WMSE	23	198	55	549
NX82WMSF	23	163	55	459
NX82WMSG	23	142	55	394

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82WMSB	3665	21	450	8	54	1366	21
NX82WMSC	2224	22	316	5	55	911	13
NX82WMSD	1689	22	244	4	55	685	10
NX82WMSE	1219	22	194	3	55	548	7
NX82WMSF	960	23	162	2	55	455	6
NX82WMSG	733	23	142	2	55	393	4

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82WMSB	5302	19	428	10	38	1248	21
NX82WMSC	3617	19	306	7	36	794	14
NX82WMSD	2677	20	235	6	34	560	10
NX82WMSE	2094	20	190	4	33	445	7
NX82WMSF	1657	20	161	4	33	366	6
NX82WMSG	1430	20	142	3	31	302	5

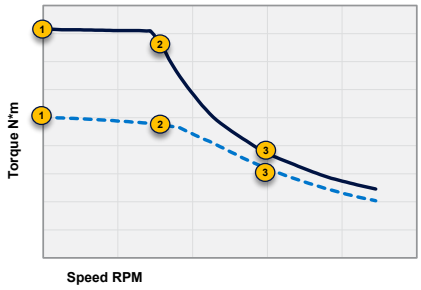
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.4 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

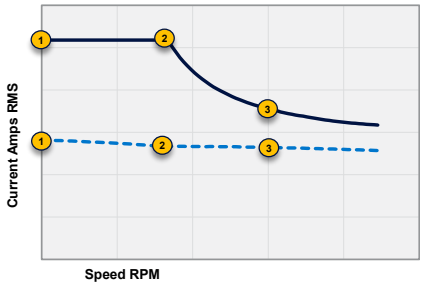
Contact Parker for compatible inverter recommendations

NX84W Series Accessory Motors & Generators

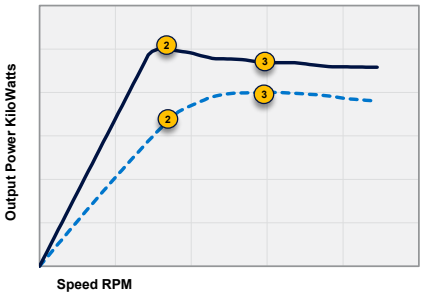
Performance @ 24 VDC



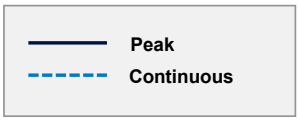
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX84WMSB	45	475	110	1328
NX84WMSC	45	319	110	888
NX84WMSD	45	241	110	666



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84WMSB	45	475	110	1328	54	1366	21
NX84WMSC	45	319	110	888	55	911	13
NX84WMSD	45	241	110	666	55	685	10



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84WMSB	2612	39	445	11	75	1238	21
NX84WMSC	1673	41	307	7	72	769	13
NX84WMSD	1251	39	235	5	66	543	9



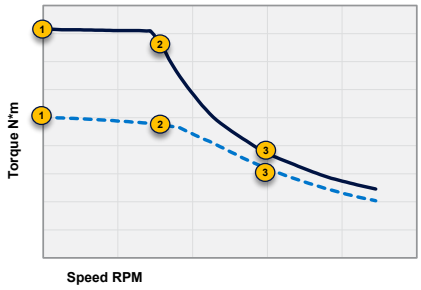
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.4 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

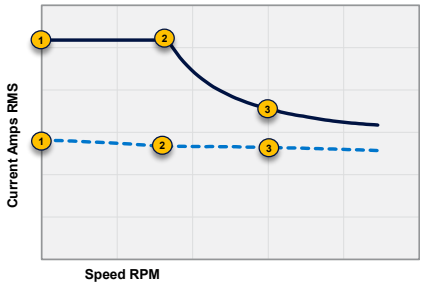
Contact Parker for compatible inverter recommendations

NX86W Series Accessory Motors & Generators

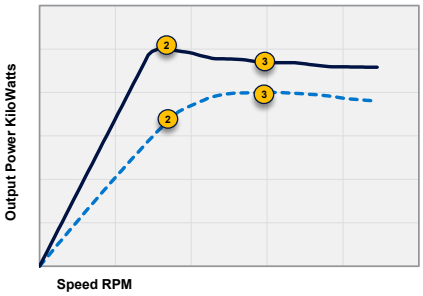
Performance @ 24 VDC



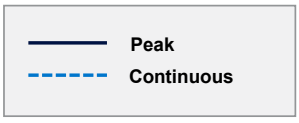
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX86WMSB	66	466	165	1331
NX86WMSC	66	313	165	886



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86WMSB	1041	64	460	7	165	1328	18
NX86WMSC	603	65	309	4	164	880	10



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86WMSB	1689	59	451	10	110	1196	20
NX86WMSC	1089	59	304	7	101	726	12



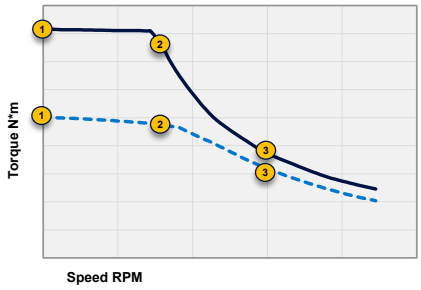
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.7 lpm

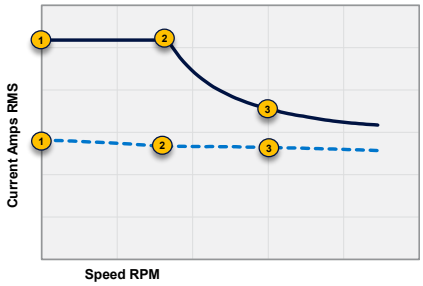
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

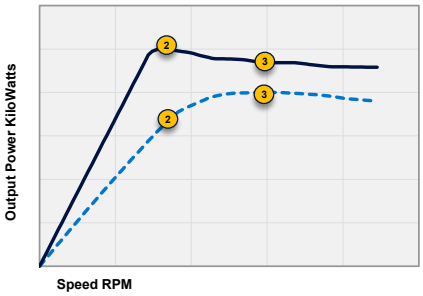
Contact Parker for compatible inverter recommendations

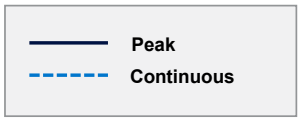
GVM142-050 Accessory Motors & Generators

Performance @ 24 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-050Q6	18	150	42	448
GVM142-050R6	18	165	42	492
GVM142-050S6	18	189	42	565
GVM142-050T6	18	210	42	627
GVM142-050V6	18	234	42	699
GVM142-050W6	17	247	41	738
GVM142-050Y6	16	264	39	786
GVM142-050Z6	15	282	38	844

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050Q6	1385	17	148	3	39	448	6
GVM142-050R6	1681	18	162	3	35	434	6
GVM142-050S6	1780	17	186	3	41	565	8
GVM142-050T6	1978	18	205	4	41	627	8
GVM142-050V6	2176	18	228	4	42	699	10
GVM142-050W6	2571	17	239	4	39	738	11
GVM142-050Y6	2967	16	254	5	38	786	12
GVM142-050Z6	3659	14	261	5	36	844	14

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050Q6	2967	13	147	4	18	266	6
GVM142-050R6	3264	13	161	4	18	285	6
GVM142-050S6	3659	13	183	5	19	343	7
GVM142-050T6	4055	13	202	6	19	376	8
GVM142-050V6	4550	13	223	6	19	415	9
GVM142-050W6	4846	13	234	6	20	474	10
GVM142-050Y6	5044	12	245	7	22	560	11
GVM142-050Z6	5539	11	251	7	23	664	13

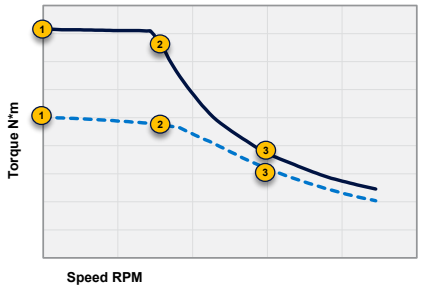
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.5 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

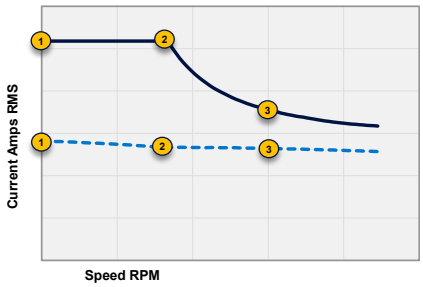
Contact Parker for compatible inverter recommendations

GVM142-075 Accessory Motors & Generators

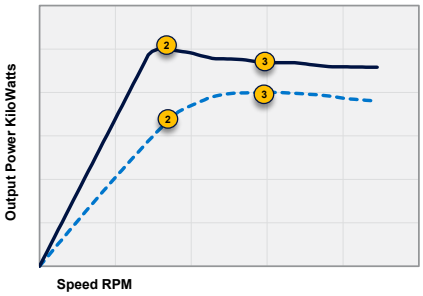
Performance @ 24 VDC



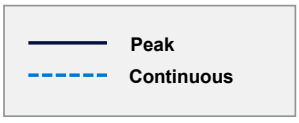
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-075V6	28	239	64	710
GVM142-075W6	26	252	62	758
GVM142-075Y6	25	269	60	807
GVM142-075Z6	23	289	58	866



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075V6	1385	27	235	4	63	717	9
GVM142-075W6	1582	26	247	4	62	758	10
GVM142-075Y6	1879	24	263	5	59	807	12
GVM142-075Z6	2275	22	277	5	56	866	13



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075V6	3165	19	232	6	27	402	9
GVM142-075W6	3264	19	244	7	29	465	10
GVM142-075Y6	3462	19	259	7	31	544	11
GVM142-075Z6	3758	18	271	7	33	647	13



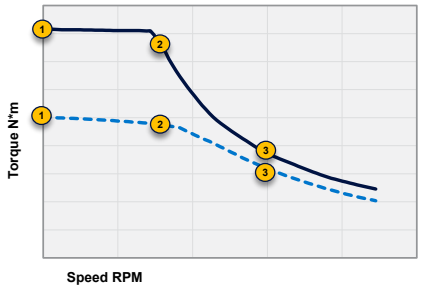
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

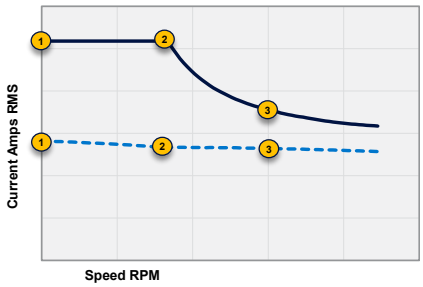
Contact Parker for compatible inverter recommendations

GVM142-100 Accessory Motors & Generators

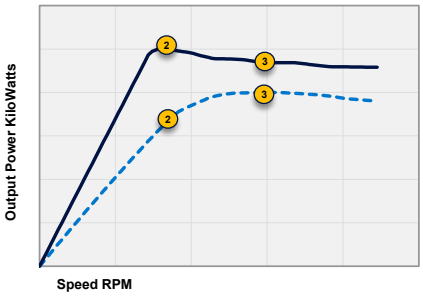
Performance @ 24 VDC



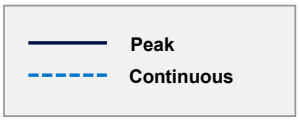
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-100Y6	34	274	81	824
GVM142-100Z6	32	295	78	885



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100Y6	1385	33	269	5	75	824	11
GVM142-100Z6	1582	31	289	5	77	885	13



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100Y6	2670	25	267	7	39	528	11
GVM142-100Z6	2868	25	285	7	41	630	12



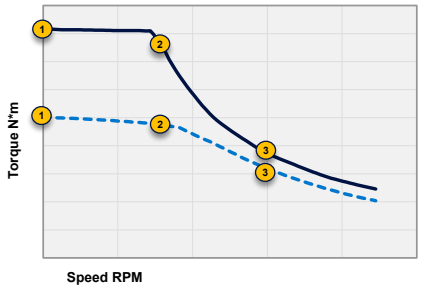
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 3 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

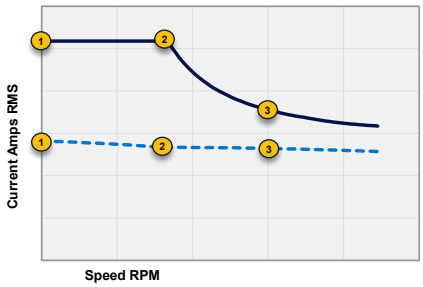
Contact Parker for compatible inverter recommendations

GVM210-50 Accessory Motors & Generators

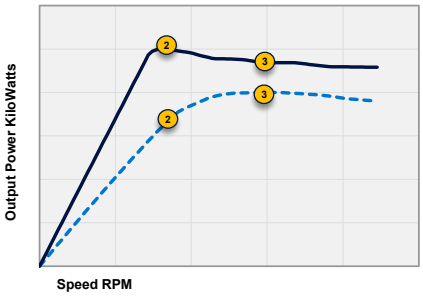
Performance @ 24 VDC



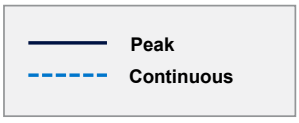
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-050PMM1	41	300	83	699
GVM210-050PMK1	46	370	83	766
GVM210-050PMJ1	**44**	**387**	**83**	**847**



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PMM1	1385	39	289	6	76	723	11
GVM210-050PMK1	1582	43	355	7	77	794	13
GVM210-050PMJ1	1681	41	369	7	79	880	14



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PMM1	2275	31	284	7	44	505	10
GVM210-050PMK1	2670	33	348	9	43	546	12
GVM210-050PMJ1	2868	32	358	10	44	612	13



Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 3 lpm

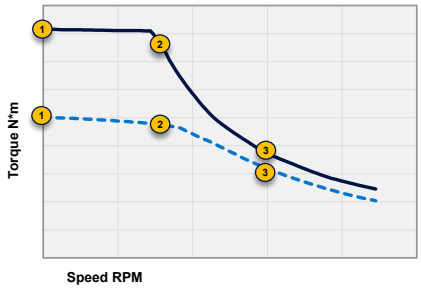
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

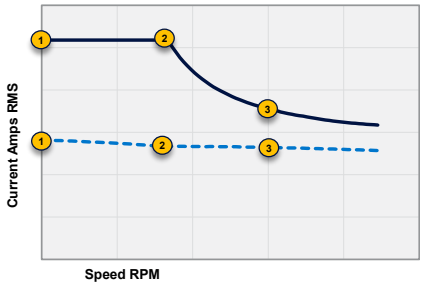
Contact Parker for compatible inverter recommendations

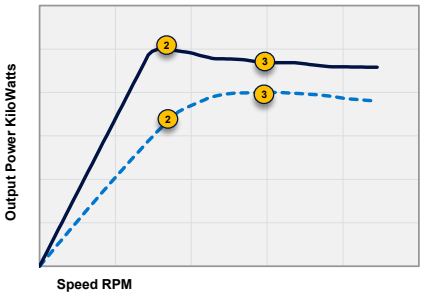
48 VDC SUPPLY VOLTAGE

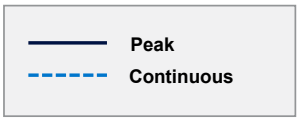
NX82H Accessory Motors & Generators

Performance @ 48 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX82HMSC	18	254	55	917
NX82HMSD	18	197	55	685
NX82HMSE	19	163	55	549
NX82HMSF	19	137	55	459
NX82HMSG	19	120	55	394
NX82HMSH	19	105	55	343
NX82HMSI	19	92	55	304

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82HMSC	5415	13	194	8	54	917	30
NX82HMSD	3795	16	175	6	54	688	22
NX82HMSE	3147	17	151	6	54	548	18
NX82HMSF	2402	18	131	4	54	455	14
NX82HMSG	2013	18	116	4	54	390	11
NX82HMSH	1770	19	101	3	54	342	10
NX82HMSI	1511	19	89	3	54	303	9

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82HMSC	6630	11	173	8	45	917	31
NX82HMSD	5496	13	155	8	39	625	22
NX82HMSE	4411	15	141	7	38	502	18
NX82HMSF	3633	16	125	6	38	413	14
NX82HMSG	3196	16	111	6	36	341	12
NX82HMSH	2726	17	100	5	36	301	10
NX82HMSI	2386	17	87	4	35	259	9

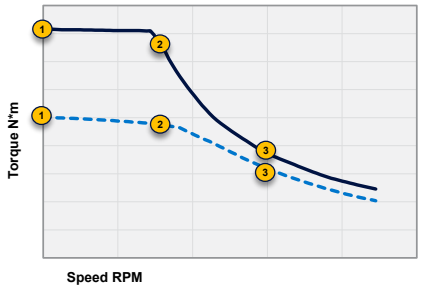
Assumes Front Face Heatsink Cooling, 60°C

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

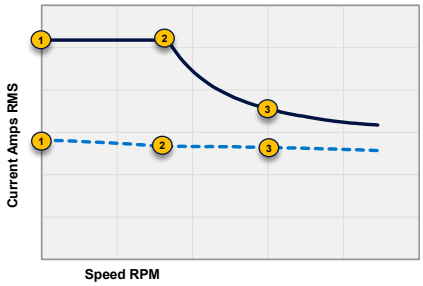
Contact Parker for compatible inverter recommendations

NX84H Accessory Motors & Generators

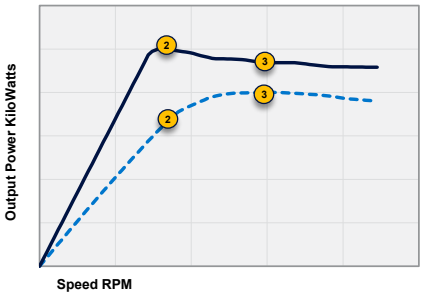
Performance @ 48 VDC



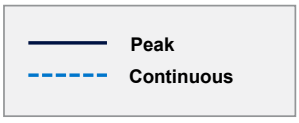
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX84HMSB	36	382	110	1328
NX84HMSC	36	255	110	888
NX84HMSD	36	193	110	666
NX84HMSE	36	153	110	531



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84HMSB	4038	24	364	10	108	1328	46
NX84HMSC	2564	31	223	8	108	882	29
NX84HMSD	1851	33	179	6	109	661	21
NX84HMSE	1446	34	147	5	109	530	17



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84HMSB	4719	22	241	11	96	1328	48
NX84HMSC	3617	27	203	10	80	839	30
NX84HMSD	2677	30	167	8	78	630	22
NX84HMSE	2126	31	139	7	75	487	17



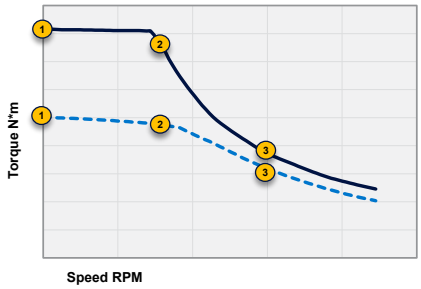
Assumes Front Face Heatsink Cooling, 60°C

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

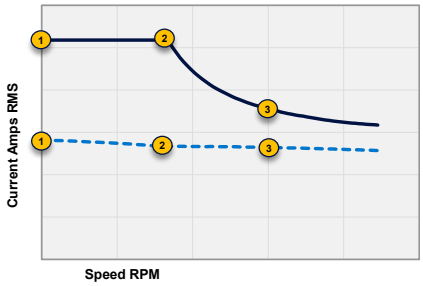
Contact Parker for compatible inverter recommendations

NX86H Accessory Motors & Generators

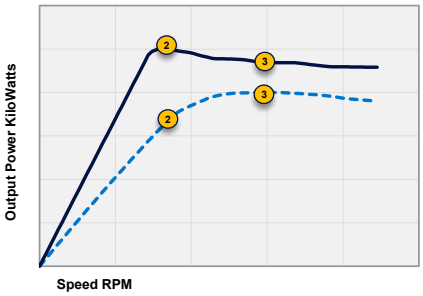
Performance @ 48 VDC



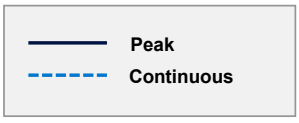
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX86HMSB	47	343	165	1331
NX86HMSC	48	231	165	886



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86HMSB	2661	38	268	10	162	1328	45
NX86HMSC	1689	43	207	8	163	881	29



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86HMSB	3568	32	232	12	124	1262	46
NX86HMSC	2386	39	193	10	117	829	29



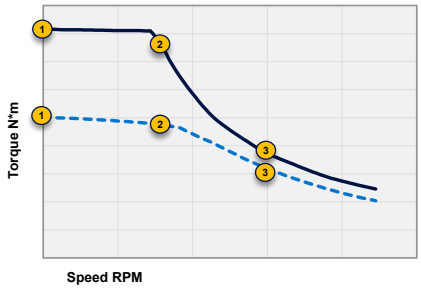
Assumes Front Face Heatsink Cooling, 60°C

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

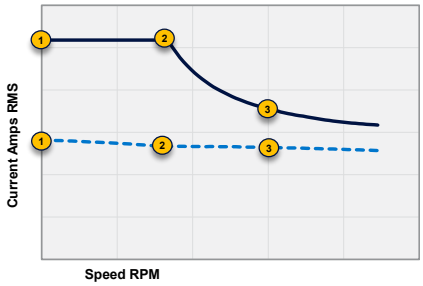
Contact Parker for compatible inverter recommendations

NX82W Accessory Motors & Generators

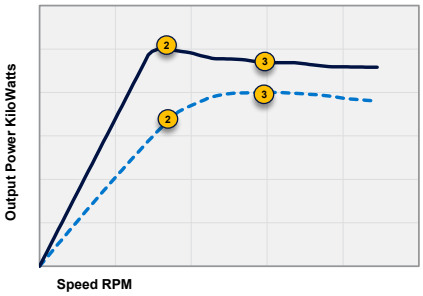
Performance @ 48 VDC



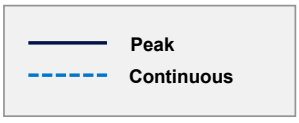
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX82WMSC	23	325	55	917
NX82WMSD	23	245	55	685
NX82WMSE	23	198	55	549
NX82WMSF	23	163	55	459
NX82WMSG	24	146	55	394



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82WMSC	5415	20	288	11	54	917	30
NX82WMSD	3795	21	235	9	54	688	22
NX82WMSE	3147	22	193	7	54	548	18
NX82WMSF	2402	22	163	6	54	455	14
NX82WMSG	2013	23	141	5	54	390	11



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82WMSC	7327	18	268	14	40	849	30
NX82WMSD	5610	19	223	11	38	616	22
NX82WMSE	4459	20	184	9	38	494	18
NX82WMSF	3682	20	160	8	37	403	14
NX82WMSG	3196	21	141	7	36	341	12



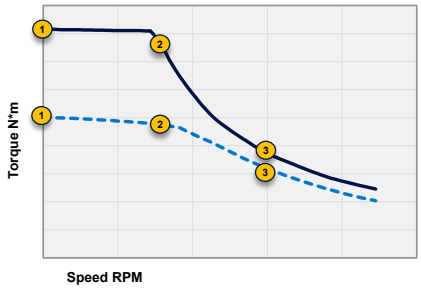
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.1 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

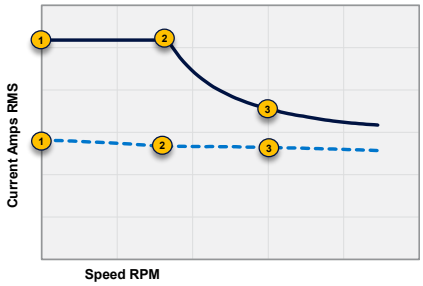
Contact Parker for compatible inverter recommendations

NX84W Accessory Motors & Generators

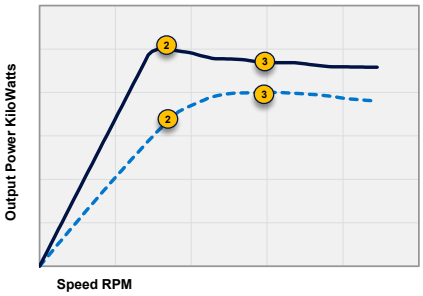
Performance @ 48 VDC



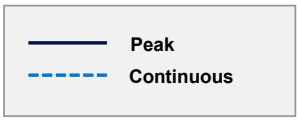
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX84WMSB	45	475	110	1328
NX84WMSC	45	319	110	888
NX84WMSD	45	241	110	666
NX84HMSE	45	193	110	531



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84WMSB	4038	37	403	15	108	1328	46
NX84WMSC	2564	40	295	11	108	882	29
NX84WMSD	1851	43	227	8	109	661	21
NX84HMSE	1446	43	185	7	109	530	17



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84WMSB	5399	33	369	19	82	1265	46
NX84WMSC	3649	37	283	14	79	833	30
NX84WMSD	2742	38	222	11	75	608	22
NX84HMSE	2175	39	183	9	73	477	17



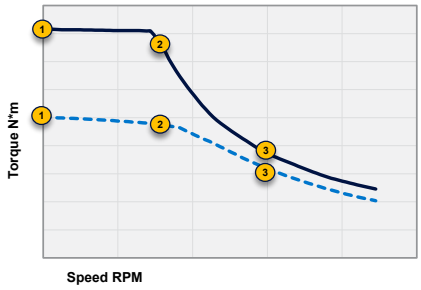
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.4 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

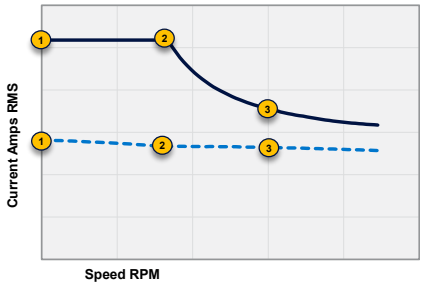
Contact Parker for compatible inverter recommendations

NX86W Accessory Motors & Generators

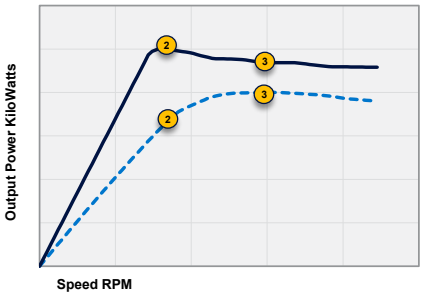
Performance @ 48 VDC



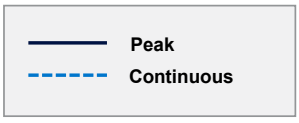
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX86WMSB	65	466	165	1331
NX86WMSC	66	313	165	886



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86WMSB	2661	59	421	16	162	1328	45
NX86WMSC	1689	62	299	11	163	881	29



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86WMSB	3682	52	403	20	117	1256	46
NX86WMSC	2418	57	289	14	116	825	29



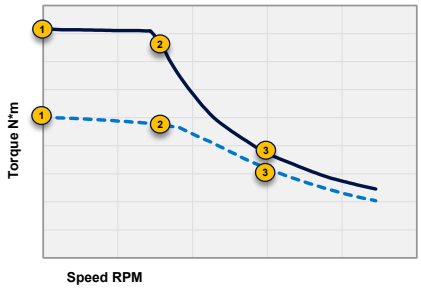
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.7 lpm

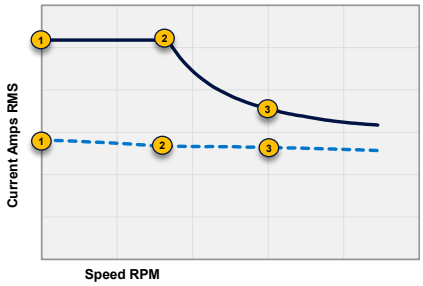
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

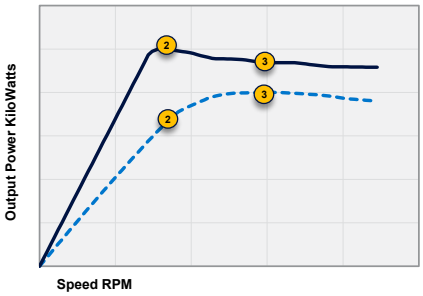
Contact Parker for compatible inverter recommendations

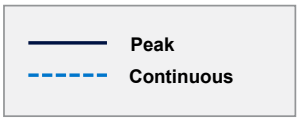
GVM142-050 Accessory Motors & Generators

Performance @ 48 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-050M6	18	76	41	226
GVM142-050N6	18	93	42	279
GVM142-050P6	18	118	42	354
GVM142-050Q6	18	150	42	448
GVM142-050R6	18	165	42	492
GVM142-050S6	18	189	42	565
GVM142-050T6	18	210	42	627
GVM142-050V6	18	234	42	699
GVM142-050W6	17	247	41	738
GVM142-050Y6	16	264	39	786
GVM142-050Z6	15	282	38	844

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050M6	1385	17	75	3	40	226	6
GVM142-050N6	1681	18	92	3	42	279	7
GVM142-050P6	2275	17	115	4	41	354	10
GVM142-050Q6	2967	17	144	5	41	448	13
GVM142-050R6	3165	17	157	6	42	492	14
GVM142-050S6	3758	16	177	6	41	565	16
GVM142-050T6	4154	16	194	7	41	627	18
GVM142-050V6	4550	16	213	8	41	699	20
GVM142-050W6	5341	15	217	8	40	738	22
GVM142-050Y6	6231	13	215	8	38	786	25
GVM142-050Z6	7615	11	206	8	36	844	29

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050M6	2967	13	74	4	18	136	6
GVM142-050N6	3659	13	90	5	19	166	7
GVM142-050P6	4648	13	113	6	19	214	9
GVM142-050Q6	5637	13	139	8	21	282	12
GVM142-050R6	6033	13	151	8	21	305	13
GVM142-050S6	6528	13	168	9	23	374	15
GVM142-050T6	7220	13	182	10	23	408	17
GVM142-050V6	7912	13	195	11	23	455	19
GVM142-050W6	7912	12	192	10	26	543	21
GVM142-050Y6	7912	11	187	9	29	671	24
GVM142-050Z6	7912	10	201	9	34	844	28

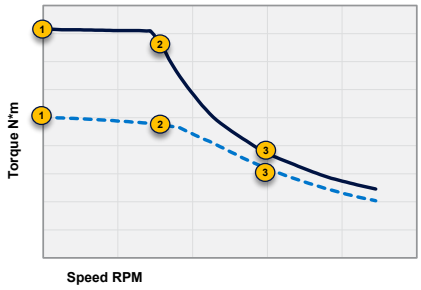
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.5 lpm

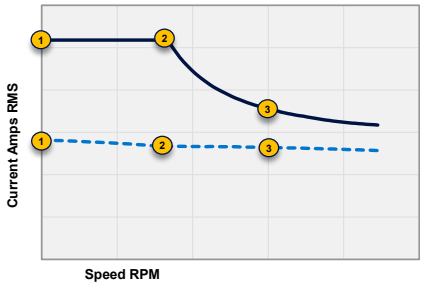
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

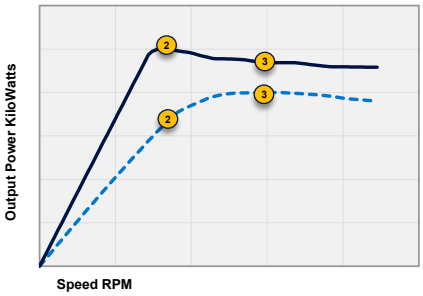
Contact Parker for compatible inverter recommendations

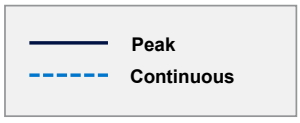
GVM142-075 Accessory Motors & Generators

Performance @ 48 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-075P6	27	121	64	363
GVM142-075Q6	27	153	63	460
GVM142-075R6	28	168	64	500
GVM142-075S6	27	193	63	580
GVM142-075T6	28	214	64	642
GVM142-075V6	28	239	64	710
GVM142-075W6	26	252	62	758
GVM142-075Y6	25	269	60	807
GVM142-075Z6	23	289	58	866

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075P6	1385	27	119	4	63	363	9
GVM142-075Q6	1879	26	149	5	63	460	12
GVM142-075R6	2077	27	164	6	61	505	13
GVM142-075S6	2374	26	186	6	63	580	16
GVM142-075T6	2670	26	205	7	63	643	18
GVM142-075V6	2967	26	226	8	63	717	20
GVM142-075W6	3363	24	236	9	61	758	22
GVM142-075Y6	4055	22	245	9	58	807	25
GVM142-075Z6	4846	19	247	10	56	866	28

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075P6	3165	19	117	6	27	209	9
GVM142-075Q6	3956	19	146	8	29	272	12
GVM142-075R6	4253	20	160	9	29	293	13
GVM142-075S6	4945	19	180	10	29	347	15
GVM142-075T6	5341	20	197	11	30	384	17
GVM142-075V6	5736	20	216	12	31	432	19
GVM142-075W6	5934	20	225	12	34	503	21
GVM142-075Y6	6429	18	226	12	35	584	24
GVM142-075Z6	6923	16	224	12	38	702	27

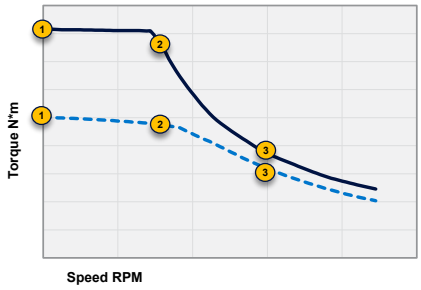
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

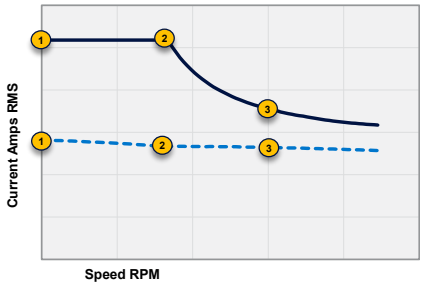
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

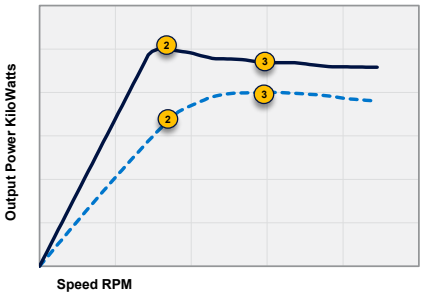
Contact Parker for compatible inverter recommendations

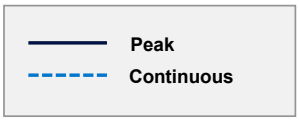
GVM142-100 Accessory Motors & Generators

Performance @ 48 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-100Q6	37	156	85	465
GVM142-100R6	38	172	85	500
GVM142-100S6	37	197	85	586
GVM142-100T6	38	219	85	642
GVM142-100V6	38	244	85	710
GVM142-100W6	36	257	84	774
GVM142-100Y6	34	274	81	824
GVM142-100Z6	32	295	78	885

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100Q6	1385	36	154	5	81	470	12
GVM142-100R6	1780	37	168	7	69	421	13
GVM142-100S6	1780	36	192	7	84	593	16
GVM142-100T6	1978	36	213	8	83	657	17
GVM142-100V6	2176	36	236	8	85	721	19
GVM142-100W6	2473	34	247	9	83	774	22
GVM142-100Y6	2967	32	260	10	78	824	24
GVM142-100Z6	3560	28	269	11	75	885	28

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100Q6	3066	26	152	8	36	265	12
GVM142-100R6	3363	26	166	9	36	284	13
GVM142-100S6	3857	26	188	10	37	338	15
GVM142-100T6	4154	27	207	12	38	375	17
GVM142-100V6	4648	26	228	13	38	414	18
GVM142-100W6	4945	25	238	13	40	473	21
GVM142-100Y6	5044	26	251	14	44	565	23
GVM142-100Z6	5637	23	255	14	46	663	27

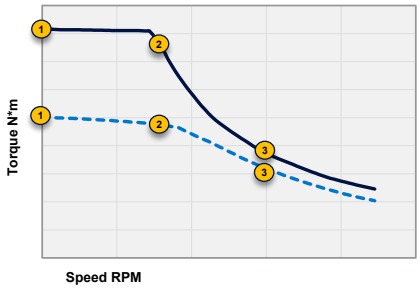
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 3 lpm

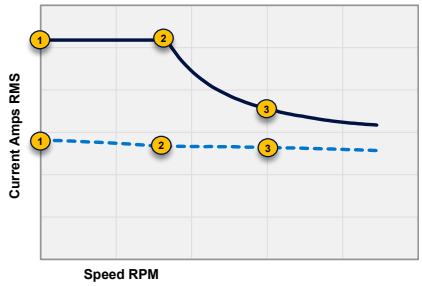
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

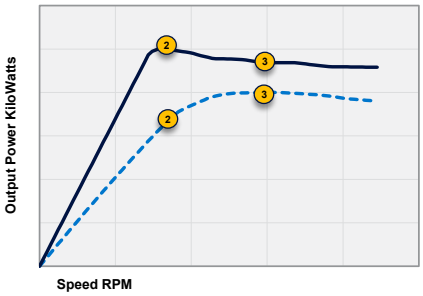
Contact Parker for compatible inverter recommendations

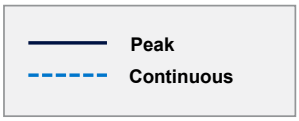
GVM210-050 Accessory Motors & Generators

Performance @ 48 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-050PBE1	51	186	83	342
GVM210-050PBB1	50	209	83	392
GVM210-050PAY1	50	232	83	435
GVM210-050PAT1	47	244	83	487
GVM210-050PMR1	44	256	83	555
GVM210-050PMM1	41	300	83	699
GVM210-050PMK1	46	370	83	766
GVM210-050PMJ1	44	387	83	847

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PBE1	1385	48	178	7	79	357	11
GVM210-050PBB1	1582	47	199	8	80	408	13
GVM210-050PAY1	1780	47	219	9	80	451	15
GVM210-050PAT1	1978	44	229	9	80	508	17
GVM210-050PMR1	2275	40	237	10	79	575	19
GVM210-050PMM1	2967	36	267	11	77	729	24
GVM210-050PMK1	3264	39	322	13	78	794	27
GVM210-050PMJ1	3659	36	324	14	77	880	29

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PBE1	2571	34	173	9	40	237	11
GVM210-050PBB1	2868	34	192	10	41	276	12
GVM210-050PAY1	3066	35	211	11	43	313	14
GVM210-050PAT1	3363	34	219	12	44	354	16
GVM210-050PMR1	3659	32	226	12	46	412	18
GVM210-050PMM1	4352	30	252	13	49	540	23
GVM210-050PMK1	4945	31	297	16	48	586	25
GVM210-050PMJ1	5044	30	302	16	53	680	28

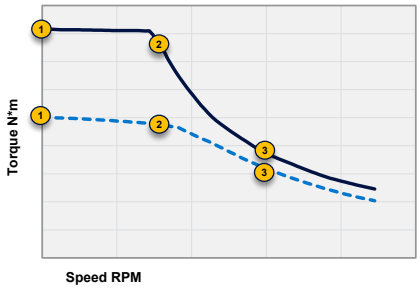
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

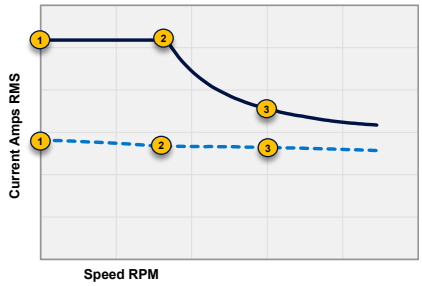
Contact Parker for compatible inverter recommendations

GVM210-100 Accessory Motors & Generators

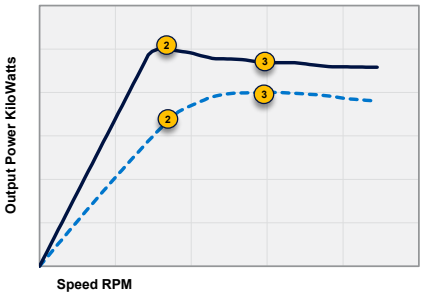
Performance @ 48 VDC



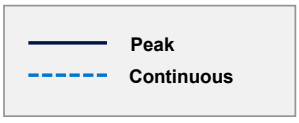
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-100PMM1	83	304	172	743
GVM210-100PMK1	93	375	172	814
GVM210-100PMJ1	88	393	172	899



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-100PMM1	1385	79	292	11	159	759	23
GVM210-100PMK1	1484	88	360	14	169	846	26
GVM210-100PMJ1	1681	83	375	15	164	936	29



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-100PMM1	2374	62	287	15	88	504	22
GVM210-100PMK1	2868	64	352	19	82	534	24
GVM210-100PMJ1	2967	64	365	20	87	609	27



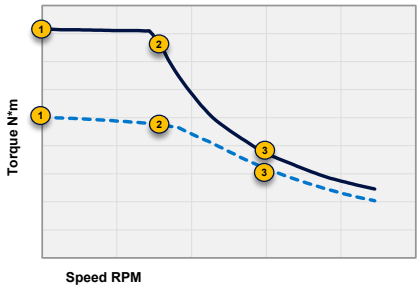
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 4 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

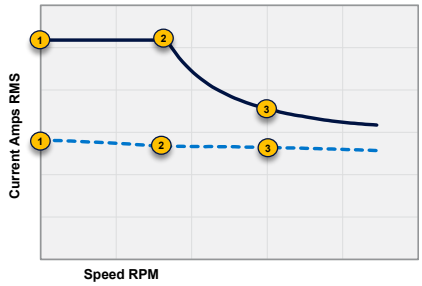
Contact Parker for compatible inverter recommendations

GVM210-150 Accessory Motors & Generators

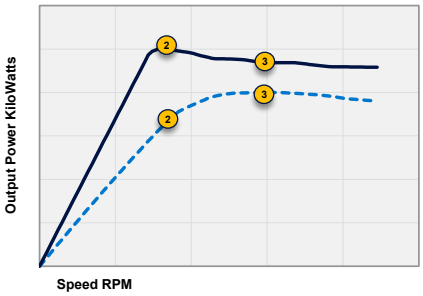
Performance @ 48 VDC



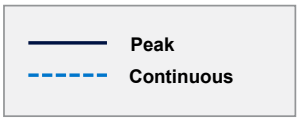
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-150PMJ1	133	394	262	917



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-150PMJ1	1088	129	384	15	247	950	28



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-150PMJ1	2077	94	381	20	121	588	26



Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 6 lpm

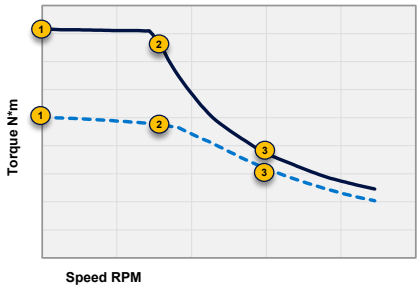
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

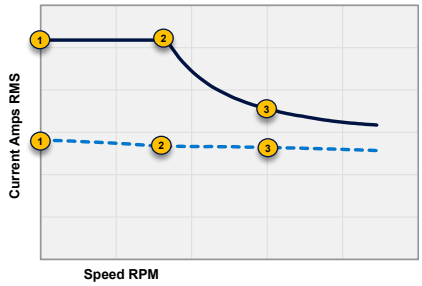
Contact Parker for compatible inverter recommendations

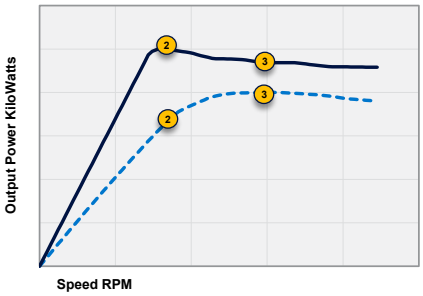
96 VDC SUPPLY VOLTAGE

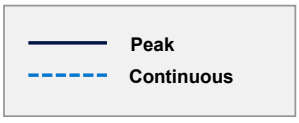
NX82H Accessory Motors & Generators

Performance @ 96 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX82HMSF	18	133	55	458
NX82HMSG	19	117	55	392
NX82HMSH	19	103	55	343
NX82HMSI	19	90	55	305
NX82HMSJ	19	83	55	275
NX82HMSK	19	76	55	250
NX82HMSL	19	67	55	229
NX82HMSM	19	64	55	211
NX82HMSN	19	61	55	196
NX82HMSO	19	55	55	183

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82HMSF	5318	14	104	8	54	457	30
NX82HMSG	4751	15	96	8	54	390	27
NX82HMSH	4071	16	90	7	54	342	23
NX82HMSI	3617	16	80	6	54	304	20
NX82HMSJ	3228	17	73	6	54	273	18
NX82HMSK	2904	17	70	5	54	248	16
NX82HMSL	2580	18	65	5	54	228	15
NX82HMSM	2321	18	61	4	54	211	13
NX82HMSN	2175	18	57	4	54	196	12
NX82HMSO	1997	18	53	4	54	183	11

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82HMSF	6825	12	85	8	44	456	32
NX82HMSG	6404	13	84	9	39	364	27
NX82HMSH	5561	14	81	8	40	317	23
NX82HMSI	4929	15	74	8	39	283	20
NX82HMSJ	4459	15	70	7	39	252	18
NX82HMSK	4071	16	67	7	38	226	16
NX82HMSL	3682	16	61	6	38	207	15
NX82HMSM	3406	16	58	6	38	187	14
NX82HMSN	3196	17	55	6	37	176	12
NX82HMSO	2953	16	51	5	36	161	11

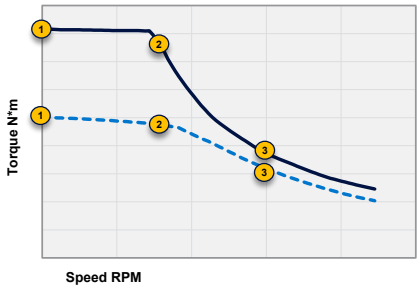
Assumes Front Face Heatsink Cooling, 60°C

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

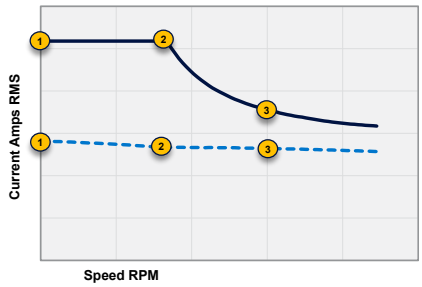
Contact Parker for compatible inverter recommendations

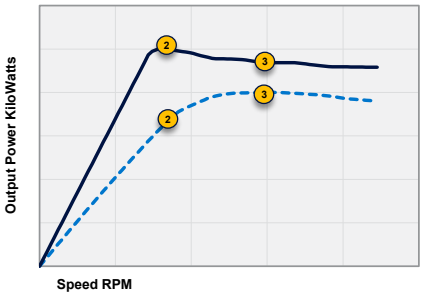
NX84H Accessory Motors & Generators

Performance @ 96 VDC

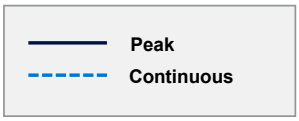


	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX84HMSE	35	150	110	530
NX84HMSF	35	126	110	443
NX84HMSG	35	111	110	380
NX84HMSH	36	98	110	333





	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84HMSE	3277	28	122	10	108	528	37
NX84HMSF	2661	30	110	9	109	442	30
NX84HMSG	2256	32	100	8	109	379	26
NX84HMSH	1932	33	90	7	109	332	22



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84HMSE	4427	24	108	11	82	510	38
NX84HMSF	3633	27	101	10	82	422	31
NX84HMSG	3147	29	92	10	79	362	26
NX84HMSH	2742	31	84	9	79	311	23

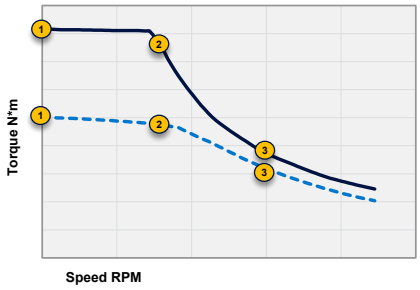
Assumes Front Face Heatsink Cooling, 60°C

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

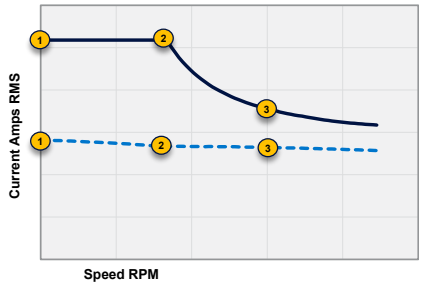
Contact Parker for compatible inverter recommendations

NX84H Accessory Motors & Generators

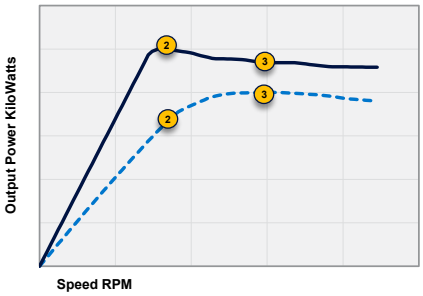
Performance @ 96 VDC

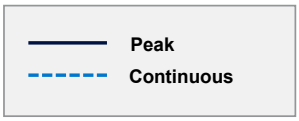


	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX86HMSD	47	169	165	666
NX86HMSE	48	137	165	531
NX86HMSF	48	116	165	443



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86HMSD	2596	38	137	10	164	663	44
NX86HMSE	2029	41	119	9	163	533	35
NX86HMSF	1689	43	105	8	163	442	29





	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86HMSD	3601	31	113	12	126	642	47
NX86HMSE	2904	37	106	11	120	506	37
NX86HMSF	2467	39	97	10	116	417	30

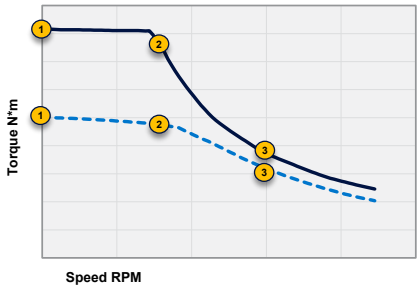
Assumes Front Face Heatsink Cooling, 60°C

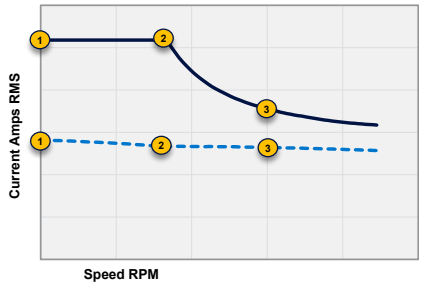
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

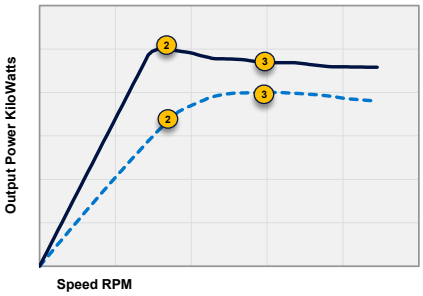
Contact Parker for compatible inverter recommendations

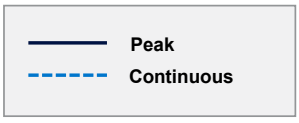
NX82W Accessory Motors & Generators

Performance @ 96 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX82WMSF	22	158	55	458
NX82WMSG	22	139	55	392
NX82WMSH	23	124	55	343
NX82WMSI	22	106	55	305
NX82WMSJ	22	98	55	275
NX82WMSK	23	90	55	250
NX82WMSL	23	81	55	229
NX82WMSM	23	76	55	211
NX82WMSN	23	71	55	196
NX82WMSO	22	65	55	183

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82WMSF	5318	19	141	11	54	457	30
NX82WMSG	4751	20	139	10	54	390	27
NX82WMSH	4071	21	113	9	54	342	23
NX82WMSI	3617	21	102	8	54	304	20
NX82WMSJ	3228	21	93	7	54	273	18
NX82WMSK	2904	22	86	7	54	248	16
NX82WMSL	2580	22	79	6	54	228	15
NX82WMSM	2321	22	74	5	54	211	13
NX82WMSN	2175	22	70	5	54	196	12
NX82WMSO	1997	22	63	5	54	183	11

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX82WMSF	7521	16	127	13	39	422	31
NX82WMSG	6517	18	117	12	39	357	26
NX82WMSH	5755	18	109	11	38	311	23
NX82WMSI	5075	19	97	10	38	277	20
NX82WMSJ	4573	19	89	9	37	248	18
NX82WMSK	4200	19	83	8	37	220	16
NX82WMSL	3876	19	76	8	36	200	15
NX82WMSM	3568	19	72	7	36	182	13
NX82WMSN	3196	20	67	7	37	174	12
NX82WMSO	2936	20	62	6	37	160	11

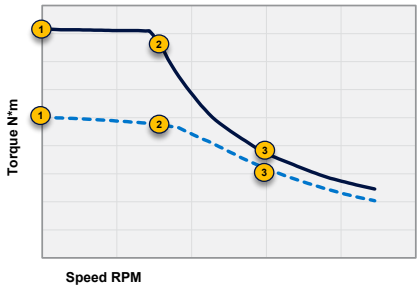
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.1 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

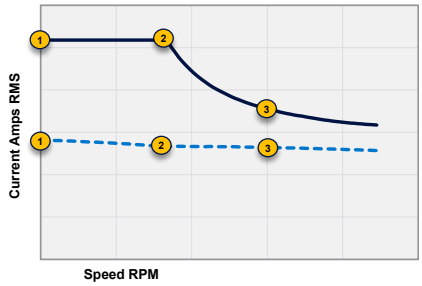
Contact Parker for compatible inverter recommendations

NX84W Accessory Motors & Generators

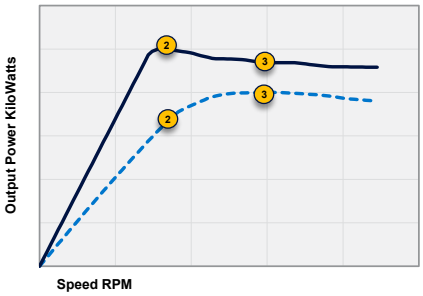
Performance @ 96 VDC

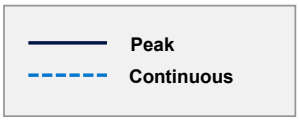


	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX84WMSE	44	190	110	530
NX84WMSF	44	156	110	443
NX84WMSG	45	138	110	380
NX84WMSH	45	122	110	333



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84WMSE	3277	39	170	14	108	528	37
NX84WMSF	2661	41	145	11	109	442	30
NX84WMSG	2256	43	131	10	109	379	26
NX84WMSH	1932	43	117	9	109	332	22





	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX84WMSE	4443	35	158	17	81	509	38
NX84WMSF	3779	36	139	15	77	414	31
NX84WMSG	3228	38	126	13	77	357	26
NX84WMSH	2807	39	113	11	76	305	23

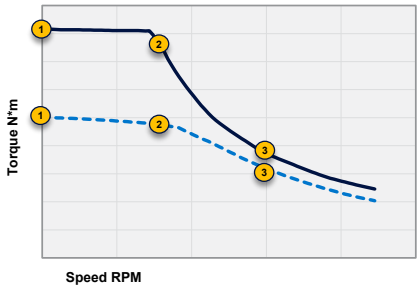
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.4 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

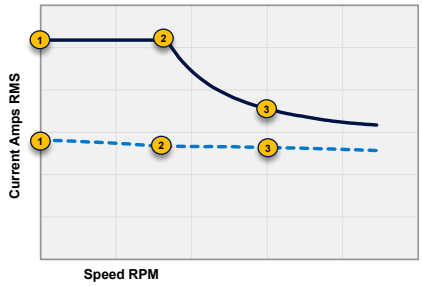
Contact Parker for compatible inverter recommendations

NX86W Accessory Motors & Generators

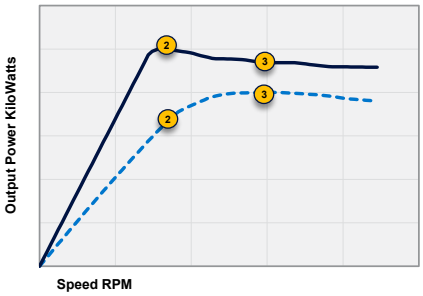
Performance @ 96 VDC

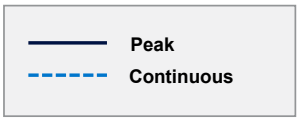


	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
NX86WMSD	65	233	165	666
NX86WMSE	65	188	165	531
NX86WMSF	65	156	165	443



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86WMSD	2596	59	210	16	164	663	44
NX86WMSE	2029	61	176	13	163	533	35
NX86WMSF	1689	62	148	11	163	442	29





	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
NX86WMSD	3714	53	201	21	121	630	47
NX86WMSE	2985	55	168	17	116	495	37
NX86WMSF	2499	55	144	15	113	411	30

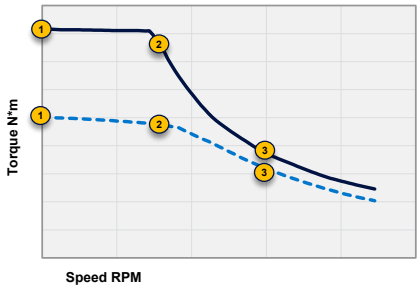
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

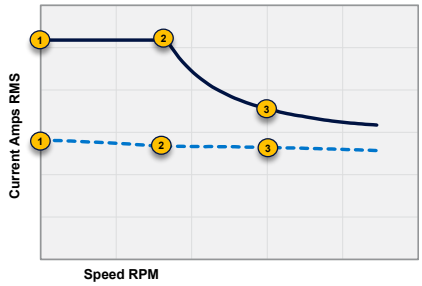
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

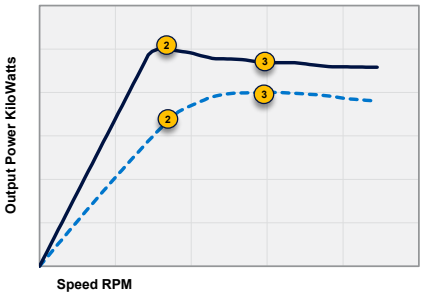
Contact Parker for compatible inverter recommendations

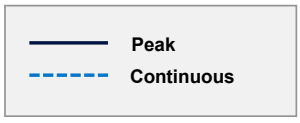
GVM142-050 Accessory Motors & Generators

Performance @ 96 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-050J6	18	38	41	113
GVM142-050K6	18	47	41	142
GVM142-050L6	18	59	42	178
GVM142-050M6	18	76	41	226
GVM142-050N6	18	93	42	279
GVM142-050P6	18	118	42	354
GVM142-050Q6	18	150	42	448
GVM142-050R6	18	165	42	492
GVM142-050S6	18	189	42	565

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050J6	1385	17	37	2	41	113	6
GVM142-050K6	1780	17	47	3	41	142	8
GVM142-050L6	2275	17	58	4	41	178	10
GVM142-050M6	3066	17	72	5	40	226	13
GVM142-050N6	3659	17	88	6	41	279	16
GVM142-050P6	4747	16	107	8	41	354	20
GVM142-050Q6	6132	15	126	9	41	448	26
GVM142-050R6	6626	14	133	10	40	492	28
GVM142-050S6	7813	12	136	10	41	565	33

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050J6	2967	13	37	4	19	69	6
GVM142-050K6	3659	13	46	5	19	87	7
GVM142-050L6	4648	13	57	6	19	109	9
GVM142-050M6	5637	13	70	8	21	144	12
GVM142-050N6	6429	14	84	9	22	182	15
GVM142-050P6	7912	13	97	11	23	237	19
GVM142-050Q6	7912	12	107	10	30	359	25
GVM142-050R6	7912	13	118	10	33	411	27
GVM142-050S6	7912	12	135	10	40	565	33

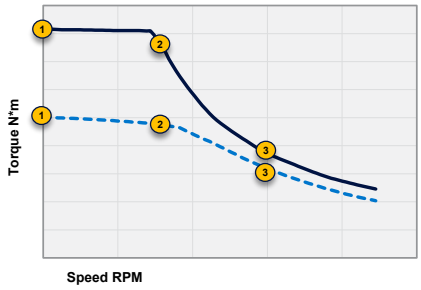
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.5 lpm

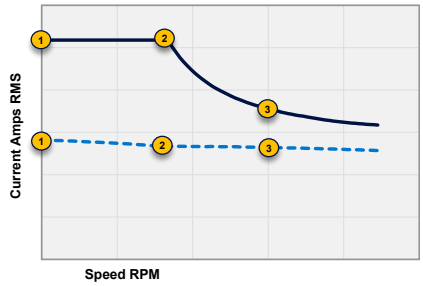
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

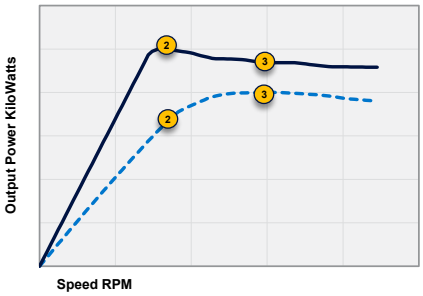
Contact Parker for compatible inverter recommendations

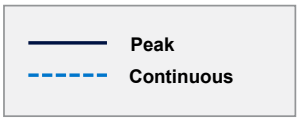
GVM142-075 Accessory Motors & Generators

Performance @ 96 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-075L6	27	61	63	182
GVM142-075M6	27	77	63	232
GVM142-075N6	28	95	64	287
GVM142-075P6	27	121	64	363
GVM142-075Q6	27	153	63	460
GVM142-075R6	28	168	64	500
GVM142-075S6	27	193	63	580
GVM142-075T6	28	214	64	642
GVM142-075V6	28	239	64	710
GVM142-075W6	26	252	62	758
GVM142-075Y6	25	269	60	807

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075L6	1484	27	60	4	60	182	9
GVM142-075M6	1978	26	75	5	60	232	12
GVM142-075N6	2374	26	92	7	63	287	16
GVM142-075P6	3066	26	114	8	63	363	20
GVM142-075Q6	4055	25	140	10	61	460	26
GVM142-075R6	4253	25	152	11	63	505	28
GVM142-075S6	5143	23	168	13	61	580	33
GVM142-075T6	5539	23	181	13	62	643	36
GVM142-075V6	6132	22	192	14	63	717	40
GVM142-075W6	7121	18	180	14	60	758	45
GVM142-075Y6	7912	16	175	13	59	807	48

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075L6	3165	19	59	6	28	106	9
GVM142-075M6	3956	20	74	8	29	139	12
GVM142-075N6	4945	19	89	10	29	168	15
GVM142-075P6	5934	19	109	12	31	221	19
GVM142-075Q6	6923	20	130	14	34	297	25
GVM142-075R6	7418	20	139	15	34	321	27
GVM142-075S6	7912	18	142	15	38	400	32
GVM142-075T6	7912	18	145	15	42	467	35
GVM142-075V6	7813	18	157	15	47	563	39
GVM142-075W6	7912	17	164	14	52	691	43
GVM142-075Y6	7912	16	175	13	59	807	48

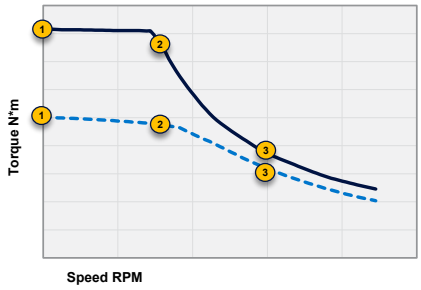
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

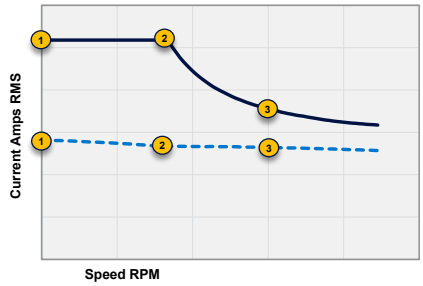
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

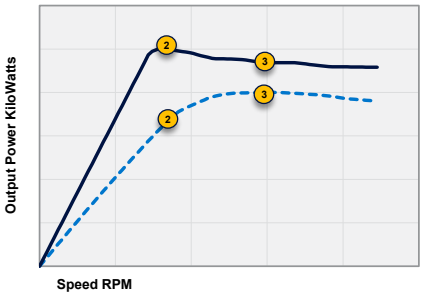
Contact Parker for compatible inverter recommendations

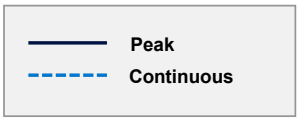
GVM142-100 Accessory Motors & Generators

Performance @ 96 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-100M6	37	79	85	237
GVM142-100N6	37	98	85	287
GVM142-100P6	37	123	85	365
GVM142-100Q6	37	156	85	465
GVM142-100R6	38	172	85	500
GVM142-100S6	37	197	85	586
GVM142-100T6	38	219	85	642
GVM142-100V6	38	244	85	710
GVM142-100W6	36	257	84	774
GVM142-100Y6	34	274	81	824
GVM142-100Z6	32	295	78	885

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100M6	1385	36	77	5	84	237	12
GVM142-100N6	1681	36	95	6	85	290	15
GVM142-100P6	2275	36	119	9	82	371	19
GVM142-100Q6	2967	35	148	11	82	470	26
GVM142-100R6	3165	35	161	12	84	516	28
GVM142-100S6	3758	34	181	13	84	593	33
GVM142-100T6	4055	33	198	14	85	657	36
GVM142-100V6	4550	33	215	16	85	732	40
GVM142-100W6	5242	30	219	16	81	774	45
GVM142-100Y6	6132	25	212	16	79	824	50
GVM142-100Z6	7319	21	199	16	76	885	58

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100M6	3066	26	76	8	37	136	12
GVM142-100N6	3758	26	93	10	37	166	15
GVM142-100P6	4747	26	115	13	38	213	19
GVM142-100Q6	5637	27	141	16	42	283	25
GVM142-100R6	6033	27	152	17	42	306	26
GVM142-100S6	6626	27	168	19	45	373	31
GVM142-100T6	7121	27	180	20	46	414	34
GVM142-100V6	7912	25	188	21	46	457	38
GVM142-100W6	7813	23	181	19	52	550	43
GVM142-100Y6	7813	21	175	17	59	682	48
GVM142-100Z6	7912	19	187	16	68	879	56

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 3 lpm

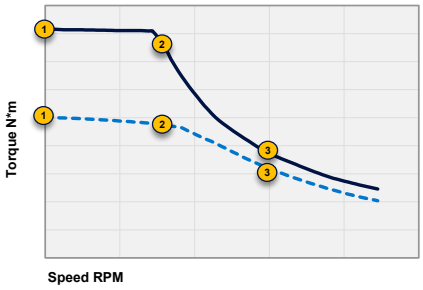
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

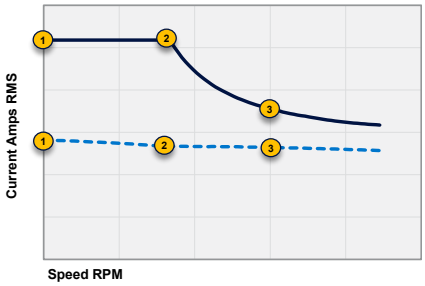
Contact Parker for compatible inverter recommendations

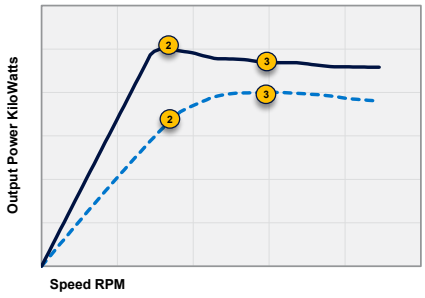
350 VDC SUPPLY VOLTAGE

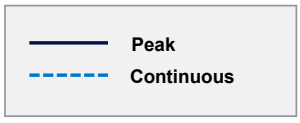
GVM142-050 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-050D6	17	12	41	37
GVM142-050F6	17	19	41	57
GVM142-050G6	17	24	41	72
GVM142-050H6	17	30	41	90
GVM142-050J6	18	38	41	113
GVM142-050K6	18	47	41	142

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050D6	1780	17	12	3	40	37	7
GVM142-050F6	2868	16	19	5	40	57	12
GVM142-050G6	3659	16	23	6	40	72	15
GVM142-050H6	4648	16	28	8	40	90	19
GVM142-050J6	5835	15	33	9	40	113	24
GVM142-050K6	7220	13	36	10	40	142	30

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050D6	3462	13	12	5	20	24	7
GVM142-050F6	5341	13	18	7	21	37	12
GVM142-050G6	6231	13	22	9	23	49	15
GVM142-050H6	7714	12	25	10	23	61	19
GVM142-050J6	7912	12	28	10	28	87	23
GVM142-050K6	7912	12	34	10	35	132	29

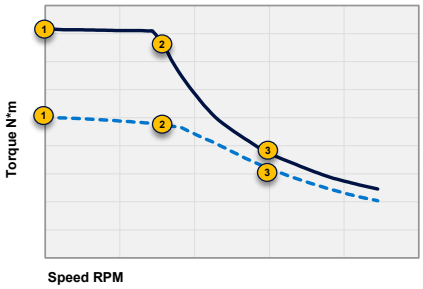
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.5 lpm

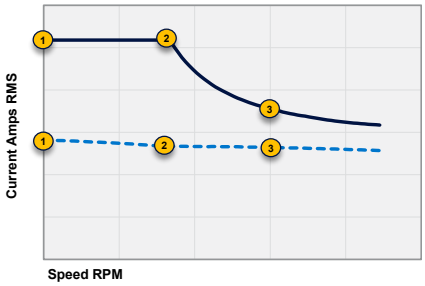
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

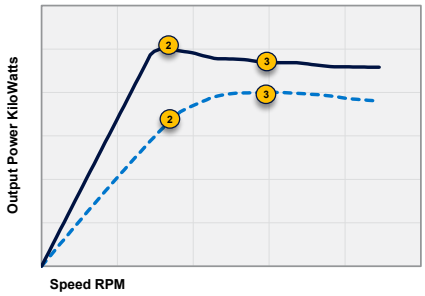
Contact Parker for compatible inverter recommendations

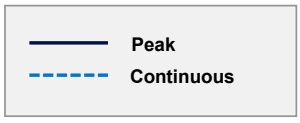
GVM142-075 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-075F6	26	20	62	59
GVM142-075G6	27	25	62	74
GVM142-075H6	27	31	63	93
GVM142-075J6	27	39	63	116
GVM142-075K6	27	48	63	145
GVM142-075L6	27	61	63	182
GVM142-075M6	27	77	63	232

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075F6	1879	26	19	5	59	59	12
GVM142-075G6	2374	25	24	6	61	74	15
GVM142-075H6	2967	25	29	8	62	93	19
GVM142-075J6	3758	25	36	10	62	116	24
GVM142-075K6	4747	24	43	12	61	145	30
GVM142-075L6	5934	22	50	14	61	182	38
GVM142-075M6	7615	18	52	14	61	232	49

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075F6	3659	20	19	7	30	37	11
GVM142-075G6	4648	19	23	9	30	46	14
GVM142-075H6	5539	20	28	11	31	59	18
GVM142-075J6	6528	20	34	13	34	76	23
GVM142-075K6	7813	18	38	15	35	97	29
GVM142-075L6	7912	17	40	14	44	139	36
GVM142-075M6	7912	17	51	14	56	229	47

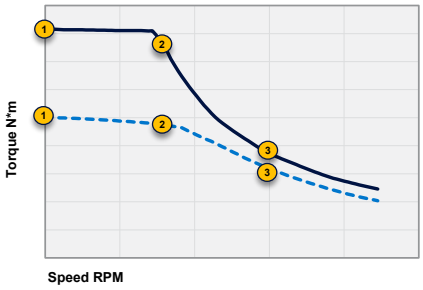
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

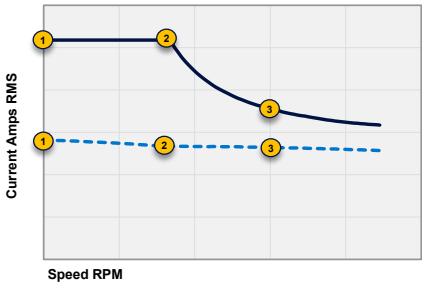
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

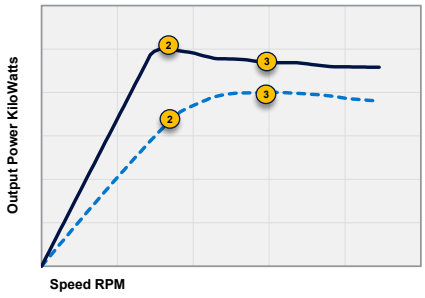
Contact Parker for compatible inverter recommendations

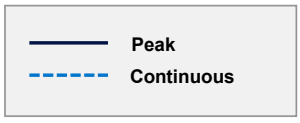
GVM142-100 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-100G6	36	25	84	76
GVM142-100H6	36	31	85	95
GVM142-100J6	37	39	85	119
GVM142-100K6	37	49	85	148
GVM142-100L6	37	62	85	185
GVM142-100M6	37	79	85	237
GVM142-100N6	37	98	85	287

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100G6	1681	35	25	6	84	76	15
GVM142-100H6	2176	35	30	8	83	95	19
GVM142-100J6	2769	34	38	10	82	119	24
GVM142-100K6	3462	34	46	12	83	149	30
GVM142-100L6	4253	33	56	15	84	186	37
GVM142-100M6	5637	30	65	18	83	237	49
GVM142-100N6	6725	27	72	19	84	293	59

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100G6	3560	26	24	10	38	45	14
GVM142-100H6	4352	26	30	12	39	57	18
GVM142-100J6	5341	26	36	15	41	72	23
GVM142-100K6	6132	27	43	17	45	94	29
GVM142-100L6	7319	26	50	20	47	120	36
GVM142-100M6	7912	23	51	19	56	173	47
GVM142-100N6	7022	26	69	19	77	288	57

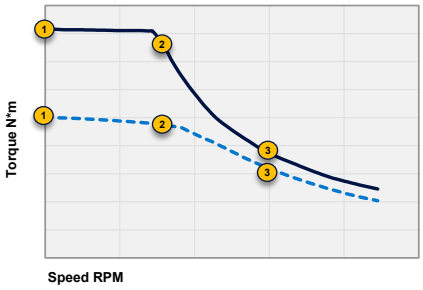
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 3 lpm

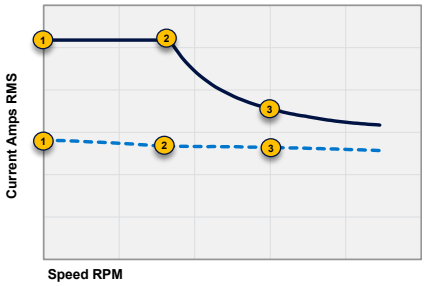
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

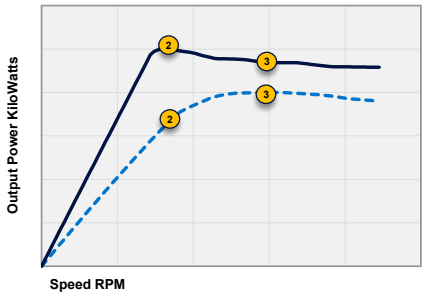
Contact Parker for compatible inverter recommendations

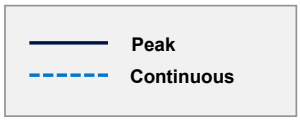
GVM210-050 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-050PJH1	50	28	83	53
GVM210-050PGF1	52	39	83	70
GVM210-050PEH1	51	55	83	100
GVM210-050PDD1	52	76	83	137
GVM210-050PCP1	50	87	83	162

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PJH1	1582	47	27	8	79	55	13
GVM210-050PGF1	2176	47	36	11	78	73	18
GVM210-050PEH1	3165	44	48	15	77	104	26
GVM210-050PDD1	4352	40	59	18	78	143	35
GVM210-050PCP1	5143	35	61	19	78	168	42

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PJH1	2967	33	26	10	39	36	12
GVM210-050PGF1	3659	35	34	14	43	51	17
GVM210-050PEH1	4747	36	45	18	48	76	24
GVM210-050PDD1	5440	35	54	20	61	120	34
GVM210-050PCP1	6231	30	53	19	63	146	41

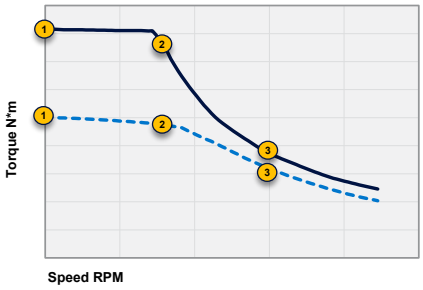
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

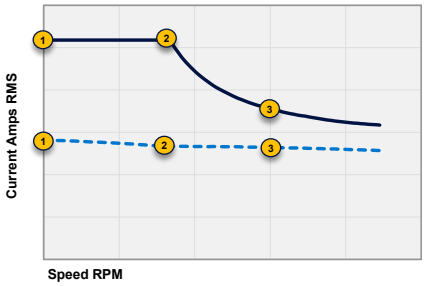
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

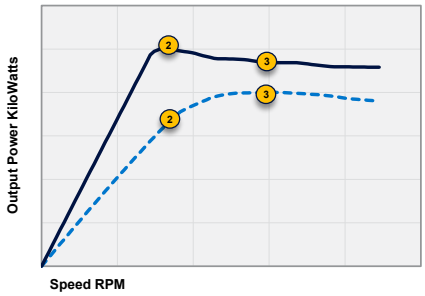
Contact Parker for compatible inverter recommendations

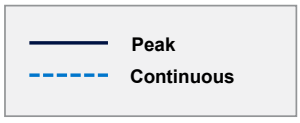
GVM210-100 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-100PEH1	101	54	172	106
GVM210-100PDD1	103	75	172	146
GVM210-100PCP1	100	86	172	173
GVM210-100PCG1	99	97	172	196
GVM210-100PCB1	99	109	172	222
GVM210-100PBT1	99	122	172	248
GVM210-100PBM1	102	148	172	290
GVM210-100PBG1	100	168	172	335
GVM210-100PBE1	102	185	172	364

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-100PEH1	1484	96	51	15	162	110	25
GVM210-100PDD1	1978	95	70	20	171	152	35
GVM210-100PCP1	2374	90	79	22	169	179	42
GVM210-100PCG1	2670	88	87	25	172	205	48
GVM210-100PCB1	3066	85	95	27	169	231	54
GVM210-100PBT1	3462	82	103	30	168	258	61
GVM210-100PBM1	4055	79	116	34	168	301	71
GVM210-100PBG1	4648	73	123	35	170	350	83
GVM210-100PBE1	5044	69	127	37	170	379	90

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-100PEH1	2868	67	50	20	78	69	23
GVM210-100PDD1	3659	70	67	27	86	98	33
GVM210-100PCP1	4154	69	75	30	90	119	39
GVM210-100PCG1	4648	67	81	33	92	137	45
GVM210-100PCB1	4945	68	87	35	98	161	51
GVM210-100PBT1	5341	66	92	37	102	183	57
GVM210-100PBM1	5440	69	103	39	121	237	69
GVM210-100PBG1	6330	57	100	38	121	274	80
GVM210-100PBE1	5637	63	115	37	150	355	88

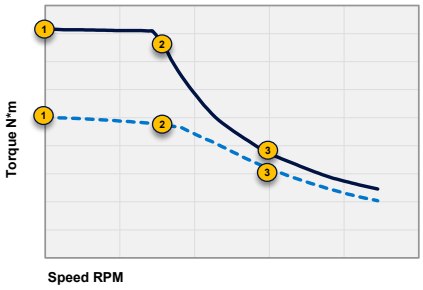
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 4 lpm

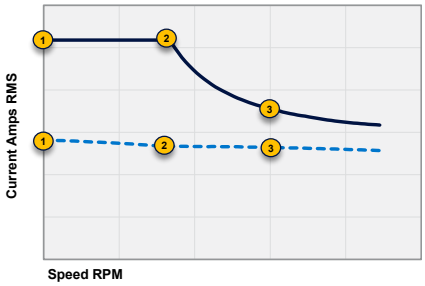
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

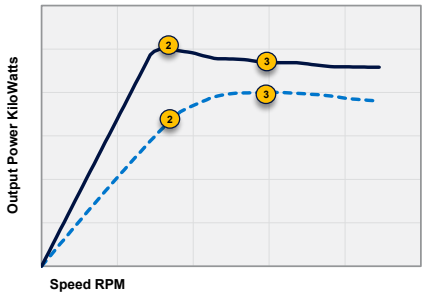
Contact Parker for compatible inverter recommendations

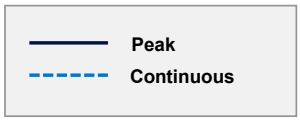
GVM210-150 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-150PDD1	152	74	262	149
GVM210-150PCP1	148	85	262	176
GVM210-150PCG1	147	96	262	200
GVM210-150PCB1	147	108	262	226
GVM210-150PBT1	147	121	262	253
GVM210-150PBM1	152	147	262	295
GVM210-150PBG1	149	167	262	342
GVM210-150PBE1	152	184	262	371
GVM210-150PBB1	150	208	262	425
GVM210-150PAY1	150	232	262	471
GVM210-150PAT1	142	244	262	528
GVM210-150PMR1	132	257	262	601

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-150PDD1	1286	145	71	20	259	154	35
GVM210-150PCP1	1582	140	81	23	249	184	41
GVM210-150PCG1	1780	137	90	26	255	209	47
GVM210-150PCB1	1978	136	101	28	260	236	54
GVM210-150PBT1	2275	133	111	32	254	263	60
GVM210-150PBM1	2670	134	130	37	255	306	71
GVM210-150PBG1	3066	128	144	41	258	356	83
GVM210-150PBE1	3363	126	154	44	255	386	90
GVM210-150PBB1	3857	118	164	47	255	440	103
GVM210-150PAY1	4253	112	173	50	257	490	114
GVM210-150PAT1	4747	101	175	50	258	547	128
GVM210-150PMR1	5341	90	178	51	260	624	145

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-150PDD1	2670	99	70	28	115	94	32
GVM210-150PCP1	2967	102	79	32	124	114	39
GVM210-150PCG1	3264	103	88	35	129	132	44
GVM210-150PCB1	3659	102	97	39	131	151	50
GVM210-150PBT1	4055	101	106	43	133	169	56
GVM210-150PBM1	4550	103	122	49	140	203	67
GVM210-150PBG1	4945	102	131	53	149	244	77
GVM210-150PBE1	5341	98	136	55	151	266	84
GVM210-150PBB1	5242	102	146	56	181	341	100
GVM210-150PAY1	5835	93	148	57	181	377	110
GVM210-150PAT1	5242	94	163	52	231	516	127
GVM210-150PMR1	5440	89	175	51	255	624	145

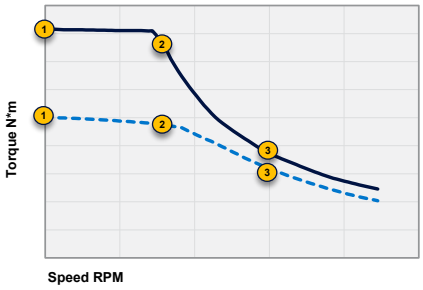
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 6 lpm

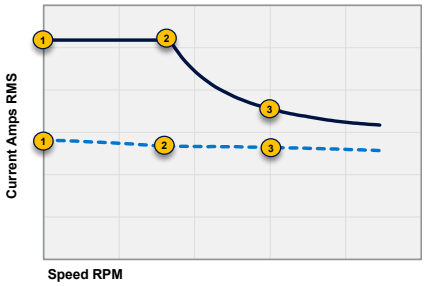
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

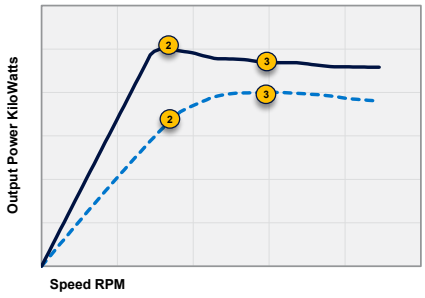
Contact Parker for compatible inverter recommendations

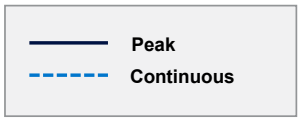
GVM210-200 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-200PCB1	194	108	351	228
GVM210-200PBT1	195	120	351	255
GVM210-200PBM1	202	146	351	298
GVM210-200PBG1	198	166	351	345
GVM210-200PBE1	202	183	351	374
GVM210-200PBB1	199	207	351	429
GVM210-200PAY1	200	231	351	475
GVM210-200PAT1	189	243	351	533
GVM210-200PMR1	176	257	351	607
GVM210-200PMM1	167	304	351	765

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-200PCB1	1484	184	102	29	343	238	53
GVM210-200PBT1	1681	183	114	32	340	265	60
GVM210-200PBM1	1978	185	135	38	341	309	71
GVM210-200PBG1	2275	179	151	43	345	359	82
GVM210-200PBE1	2473	179	164	46	346	389	90
GVM210-200PBB1	2868	172	180	52	342	447	103
GVM210-200PAY1	3165	168	195	56	345	495	114
GVM210-200PAT1	3560	153	199	57	343	556	128
GVM210-200PMR1	3956	141	207	58	351	629	145
GVM210-200PMM1	5044	118	220	63	347	796	183

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-200PCB1	2967	130	100	40	160	144	50
GVM210-200PBT1	3165	134	110	45	168	165	56
GVM210-200PBM1	3659	137	129	52	172	195	66
GVM210-200PBG1	4055	137	143	58	181	231	77
GVM210-200PBE1	4352	137	153	62	184	253	84
GVM210-200PBB1	4648	137	165	67	198	302	96
GVM210-200PAY1	5143	130	173	70	199	336	107
GVM210-200PAT1	5736	116	173	70	200	378	120
GVM210-200PMR1	6528	104	177	71	202	431	138
GVM210-200PMM1	7121	85	164	63	236	599	176

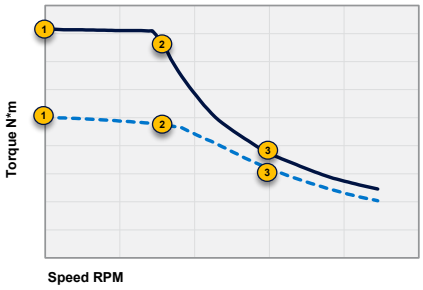
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 8 lpm

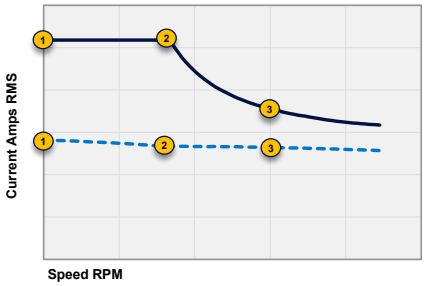
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

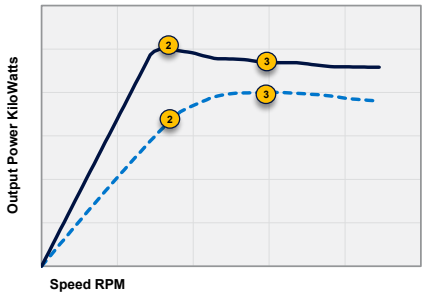
Contact Parker for compatible inverter recommendations

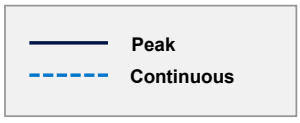
GVM210-300 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-300PBM1	300	145	530	301
GVM210-300PBG1	295	165	530	348
GVM210-300PBE1	300	182	530	378
GVM210-300PBB1	297	206	530	433
GVM210-300PAY1	298	229	530	480
GVM210-300PAT1	282	242	530	538
GVM210-300PMR1	263	255	530	612
GVM210-300PMM1	249	303	530	772
GVM210-300PMK1	278	375	530	846
GVM210-300PMJ1	266	394	530	935

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-300PBM1	1286	286	139	38	517	312	70
GVM210-300PBG1	1484	279	156	43	522	362	81
GVM210-300PBE1	1681	280	170	49	499	390	88
GVM210-300PBB1	1879	274	191	54	517	451	102
GVM210-300PAY1	2077	271	210	59	521	499	113
GVM210-300PAT1	2374	254	219	63	509	561	126
GVM210-300PMR1	2670	233	228	65	516	634	144
GVM210-300PMM1	3363	209	258	74	518	802	182
GVM210-300PMK1	3659	228	309	87	526	880	202
GVM210-300PMJ1	4055	210	313	89	524	973	223

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-300PBM1	2670	195	135	54	230	186	64
GVM210-300PBG1	2967	198	152	61	243	219	76
GVM210-300PBE1	3066	208	165	67	256	244	82
GVM210-300PBB1	3462	205	183	74	262	282	95
GVM210-300PAY1	3758	205	199	81	269	317	106
GVM210-300PAT1	4055	197	205	84	280	363	119
GVM210-300PMR1	4550	184	216	88	283	416	135
GVM210-300PMM1	5539	166	238	96	295	536	171
GVM210-300PMK1	6033	176	274	111	301	594	190
GVM210-300PMJ1	6626	156	269	108	304	660	211

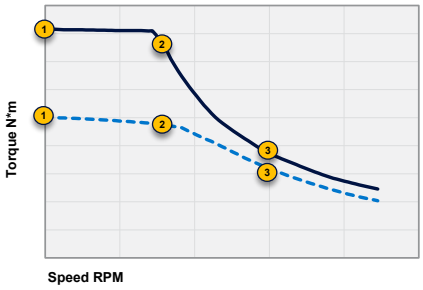
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 12 lpm

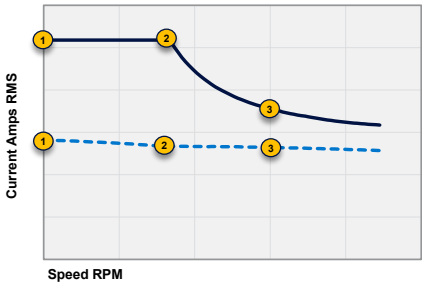
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

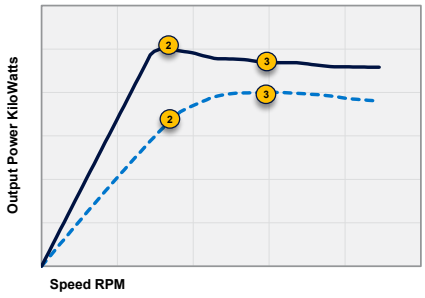
Contact Parker for compatible inverter recommendations

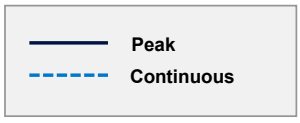
GVM210-400 Accessory Motors & Generators

Performance @ 350 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-400PBB1	415	217	709	435
GVM210-400PAY1	417	242	709	482
GVM210-400PAT1	394	254	709	541
GVM210-400PMR1	367	268	709	615
GVM210-400PMM1	349	319	709	776
GVM210-400PMK1	389	394	709	850
GVM210-400PMJ1	371	414	709	939

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-400PBB1	1385	393	207	57	695	453	101
GVM210-400PAY1	1681	389	226	68	633	468	111
GVM210-400PAT1	1879	365	238	72	635	526	125
GVM210-400PMR1	1978	343	253	71	688	642	142
GVM210-400PMM1	2473	314	291	81	700	805	181
GVM210-400PMK1	2769	347	355	101	691	883	201
GVM210-400PMJ1	3066	325	366	104	690	976	221

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-400PBB1	2868	268	200	81	312	268	94
GVM210-400PAY1	3066	276	220	89	326	303	105
GVM210-400PAT1	3264	274	231	94	343	348	117
GVM210-400PMR1	3659	261	246	100	348	398	133
GVM210-400PMM1	4451	242	278	113	363	513	169
GVM210-400PMK1	4945	266	337	138	362	561	188
GVM210-400PMJ1	5044	264	343	139	393	649	207

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 16 lpm

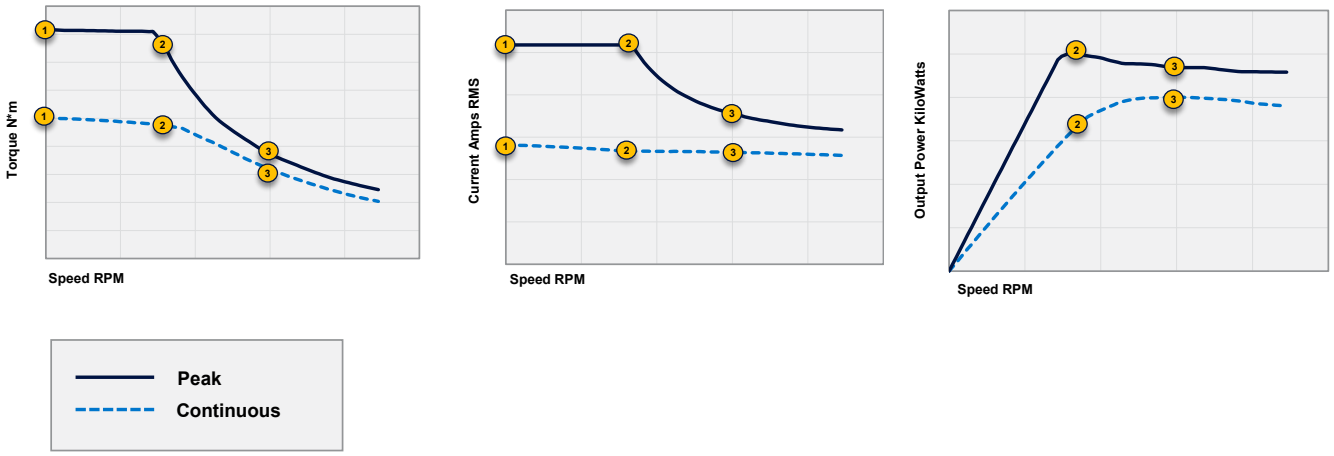
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

Contact Parker for compatible inverter recommendations

GVM310-125 Accessory Motors & Generators

Performance @ 350 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-125PCB2	405	200	700	442	1385	381	188	55	700	440	101
GVM310-125PPC1	322	174	610	448	1484	304	165	47	506	355	79
GVM310-125PCB1	355	200	610	460	1484	334	187	52	522	378	81
GVM310-125PBT2	406	224	700	493	1484	377	207	59	700	499	109
GVM310-125PNP2	367	218	700	540	1681	341	203	60	700	540	123
GVM310-125PBT1	356	224	610	513	1681	328	205	58	516	415	91
GVM310-125PBP2	410	248	700	540	1681	372	224	66	700	542	123
GVM310-125PPP2	365	138	700	344	1879	259	132	51	373	240	73
GVM310-125PNP1	323	218	610	562	1879	299	203	59	504	443	99
GVM310-125PBP1	360	248	610	562	1879	324	222	64	506	445	100
GVM310-125PNH2	349	246	700	642	1978	321	227	66	700	646	145
GVM310-125PNG2	371	273	700	667	2077	335	247	73	700	671	152
GVM310-125PBG2	395	293	700	667	2077	341	252	74	700	671	152
GVM310-125PBD2	394	330	700	756	2374	324	271	81	700	761	174
GVM310-125PNH1	308	246	610	668	2473	277	222	72	455	475	118
GVM310-125PNC2	353	307	700	791	2473	312	272	81	700	797	181
GVM310-125PNG1	327	273	610	694	2571	289	241	78	456	494	123
GVM310-125PBG1	347	293	610	694	2571	288	240	77	457	495	123
GVM310-125PBD1	346	330	610	786	2670	281	266	79	499	615	140
GVM310-125PNC1	311	306	610	823	2769	275	271	80	502	648	146
GVM310-125PBA2	390	377	700	872	2769	301	288	87	700	877	203
GVM310-125PAW1	343	421	610	1011	2868	267	323	80	610	1028	183
GVM310-125PBA1	342	376	610	907	3066	263	284	84	502	715	161
GVM310-125PMW2	358	382	700	972	3066	300	320	96	700	980	225
GVM310-125PAW2	391	421	700	972	3066	282	300	91	700	982	225
GVM310-125PMW1	315	382	610	1011	3363	264	320	93	510	810	180



Contact Parker for compatible inverter recommendations

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-125PCB2	2176	316	182	72	420	325	96
GVM310-125PPC1	2868	221	163	66	255	227	77
GVM310-125PCB1	2868	238	177	71	264	236	79
GVM310-125PBT2	2473	302	198	78	414	360	107
GVM310-125PNP2	2571	290	200	78	434	403	117
GVM310-125PBT1	3066	242	192	78	278	269	89
GVM310-125PBP2	2571	311	212	84	437	405	118
GVM310-125PPP2	1681	292	132	51	415	251	73
GVM310-125PNP1	3462	224	198	81	268	290	97
GVM310-125PBP1	3363	236	203	83	278	294	98
GVM310-125PNH2	2967	277	221	86	447	488	139
GVM310-125PNG2	3066	293	240	94	451	510	145
GVM310-125PBG2	3066	287	235	92	452	511	145
GVM310-125PBD2	3462	268	248	97	455	580	165
GVM310-125PNH1	3956	218	219	90	279	351	116
GVM310-125PNC2	3659	266	262	102	449	603	172
GVM310-125PNG1	4154	224	236	97	277	364	121
GVM310-125PBG1	3758	235	226	93	306	383	120
GVM310-125PBD1	4154	225	239	98	313	440	136
GVM310-125PNC1	4945	206	259	107	276	431	143
GVM310-125PBA2	3659	256	253	98	499	706	191
GVM310-125PAW1	4648	197	243	96	367	617	179
GVM310-125PBA1	4747	196	239	98	321	512	160
GVM310-125PMW2	4352	255	299	116	466	756	212
GVM310-125PAW2	4055	227	248	96	502	793	213
GVM310-125PMW1	5637	204	292	120	298	550	176

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 6 lpm

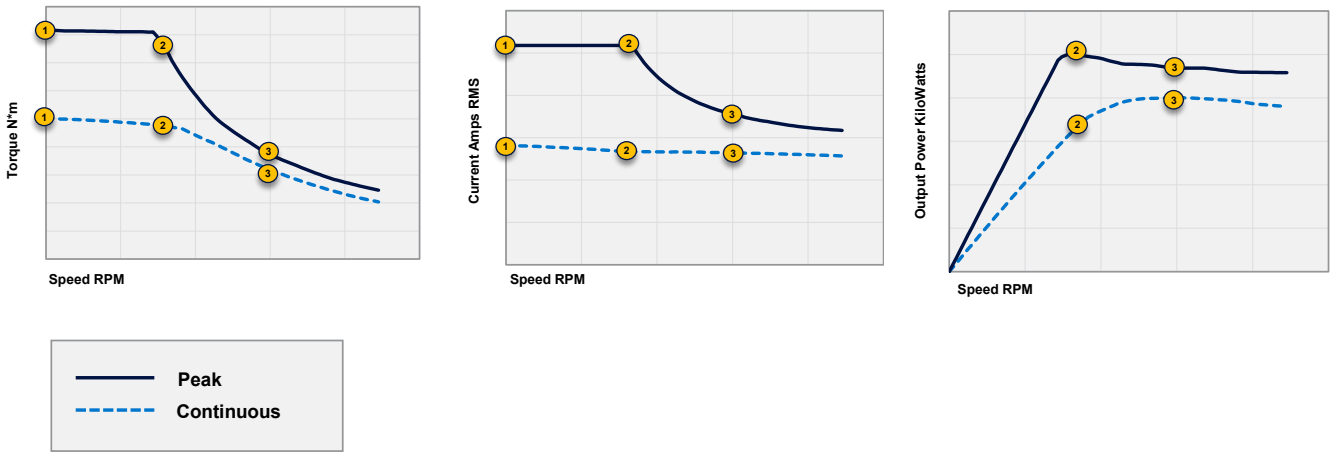
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

Contact Parker for compatible inverter recommendations

GVM310-200 Accessory Motors & Generators

Performance @ 350 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-200PNH1	405	200	700	442	1385	381	188	55	700	440	101
GVM310-200PBD2	322	174	610	448	1484	304	165	47	506	355	79
GVM310-200PNC2	355	200	610	460	1484	334	187	52	522	378	81
GVM310-200PNC1	406	224	700	493	1484	377	207	59	700	499	109
GVM310-200PBD1	367	218	700	540	1681	341	203	60	700	540	123
GVM310-200PBA2	356	224	610	513	1681	328	205	58	516	415	91
GVM310-200PBA1	410	248	700	540	1681	372	224	66	700	542	123
GVM310-200PMW2	365	138	700	344	1879	259	132	51	373	240	73
GVM310-200PAW2	323	218	610	562	1879	299	203	59	504	443	99
GVM310-200PMW1	360	248	610	562	1879	324	222	64	506	445	100
GVM310-200PAW1	349	246	700	642	1978	321	227	66	700	646	145
GVM310-200PAS2	371	273	700	667	2077	335	247	73	700	671	152
GVM310-200PAR2	395	293	700	667	2077	341	252	74	700	671	152
GVM310-200PAS1	394	330	700	756	2374	324	271	81	700	761	174
GVM310-200PMP2	308	246	610	668	2473	277	222	72	455	475	118
GVM310-200PAR1	353	307	700	791	2473	312	272	81	700	797	181
GVM310-200PMP1	327	273	610	694	2571	289	241	78	456	494	123
GVM310-200PMK2	347	293	610	694	2571	288	240	77	457	495	123
GVM310-200PMK1	346	330	610	786	2670	281	266	79	499	615	140
GVM310-200PMH2	311	306	610	823	2769	275	271	80	502	648	146
GVM310-200PMH1	390	377	700	872	2769	301	288	87	700	877	203



Contact Parker for compatible inverter recommendations

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-200PNH1	2670	335	229	94	407	338	114
GVM310-200PBD2	2176	490	285	112	721	577	164
GVM310-200PNC2	2275	458	280	109	717	601	171
GVM310-200PNC1	3165	345	278	114	428	424	142
GVM310-200PBD1	2967	362	274	112	438	410	136
GVM310-200PBA2	2473	468	310	121	731	671	189
GVM310-200PBA1	2967	394	302	122	513	511	159
GVM310-200PMW2	2769	453	336	131	726	745	210
GVM310-200PAW2	2769	444	329	129	729	747	211
GVM310-200PMW1	3758	349	333	137	446	531	176
GVM310-200PAW1	3363	369	318	130	502	563	177
GVM310-200PAS2	2967	436	347	135	767	869	238
GVM310-200PAR2	3066	422	349	136	794	949	255
GVM310-200PAS1	3758	340	327	134	503	640	198
GVM310-200PMP2	3560	419	401	156	736	973	274
GVM310-200PAR1	3956	321	326	133	511	691	212
GVM310-200PMP1	4352	356	396	162	498	730	227
GVM310-200PMK2	4550	347	432	165	741	1257	353
GVM310-200PMK1	5440	297	417	169	521	957	297
GVM310-200PMH2	4055	370	507	157	1019	1988	433
GVM310-200PMH1	4846	305	472	155	728	1487	369

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 8 lpm

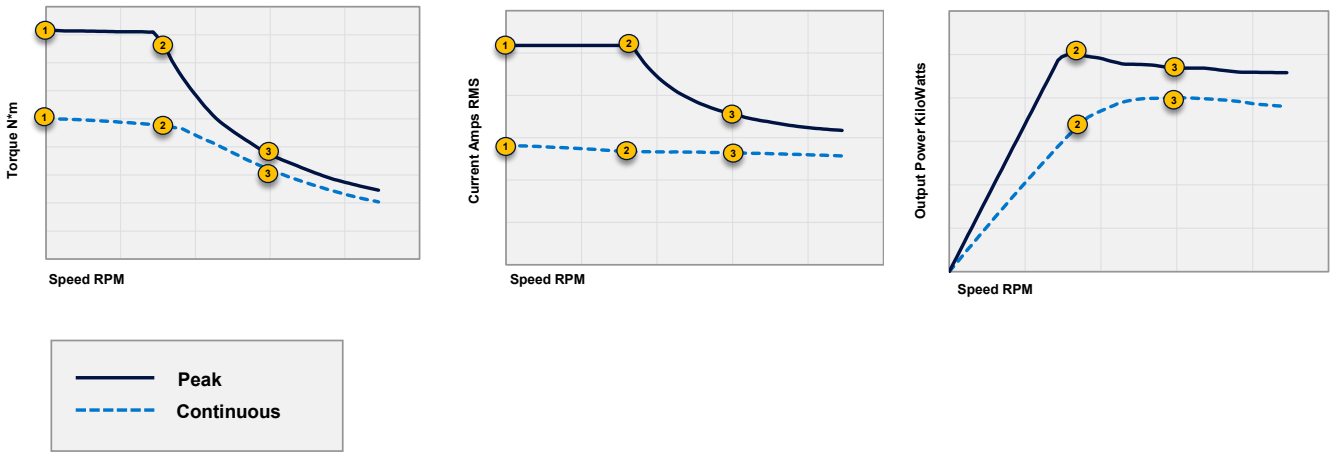
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

Contact Parker for compatible inverter recommendations

GVM310-250 Accessory Motors & Generators

Performance @ 350 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-250PBD1	696	333	1240	816	1286	649	310	87	1031	634	139
GVM310-250PBA2	785	380	1430	914	1286	722	350	97	1430	924	193
GVM310-250PNC1	628	310	1240	854	1385	593	294	86	995	639	144
GVM310-250PMW1	636	386	1240	1049	1385	600	365	87	1240	1060	180
GVM310-250PAW1	691	424	1240	1049	1385	633	388	92	1240	1062	180
GVM310-250PBA1	689	380	1240	941	1484	627	345	97	1033	734	160
GVM310-250PMW2	722	386	1430	1018	1484	672	360	104	1430	1020	222
GVM310-250PAW2	787	425	1430	1018	1484	705	380	110	1430	1022	222
GVM310-250PAS2	786	478	1430	1150	1681	682	414	120	1430	1154	252
GVM310-250PAR1	703	523	1240	1266	1681	614	453	108	1240	1283	218
GVM310-250PAR2	801	523	1430	1229	1780	679	440	127	1430	1240	267
GVM310-250PAS1	690	478	1240	1184	1879	594	409	117	1029	921	202
GVM310-250PMP2	713	493	1430	1320	1879	647	449	127	1430	1337	281
GVM310-250PBD2	793	333	1430	792	2077	540	299	117	754	530	164
GVM310-250PMP1	628	493	1240	1359	2176	565	445	129	1018	1046	232
GVM310-250PMK2	706	627	1430	1697	2473	609	541	158	1430	1717	370
GVM310-250PMK1	622	627	1240	1748	2769	536	539	155	1031	1366	299
GVM310-250PMH1	628	783	1240	2159	2868	535	665	161	1240	2212	372
GVM310-250PMH2	713	783	1430	2097	3066	576	631	185	1430	2128	459
GVM310-200PMH2	311	306	610	823	2769	275	271	80	502	648	146
GVM310-200PMH1	390	377	700	872	2769	301	288	87	700	877	203



Contact Parker for compatible inverter recommendations

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-250PBD1	2275	500	296	119	570	418	136
GVM310-250PBA2	2077	603	333	131	869	653	189
GVM310-250PNC1	2670	424	290	119	502	414	140
GVM310-250PMW1	3165	436	352	145	525	518	174
GVM310-250PAW1	2769	487	349	141	608	553	176
GVM310-250PBA1	2769	453	320	131	541	470	157
GVM310-250PMW2	2275	582	354	139	881	732	210
GVM310-250PAW2	2275	592	359	141	886	734	211
GVM310-250PAS2	2473	584	386	151	921	847	238
GVM310-250PAR1	3264	460	384	157	626	678	214
GVM310-250PAR2	2670	563	402	157	913	902	255
GVM310-250PAS1	2967	488	375	152	646	646	201
GVM310-250PMP2	2868	564	433	169	909	967	273
GVM310-250PBD2	1879	605	302	119	830	553	163
GVM310-250PMP1	3956	427	428	177	550	684	228
GVM310-250PMK2	3659	520	512	199	922	1253	353
GVM310-250PMK1	4451	443	504	206	628	943	293
GVM310-250PMH1	5440	381	532	217	644	1175	367
GVM310-250PMH2	4451	457	551	213	939	1564	438
GVM310-200PMH2	4055	370	507	157	1019	1988	433
GVM310-200PMH1	4846	305	472	155	728	1487	369

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 12 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

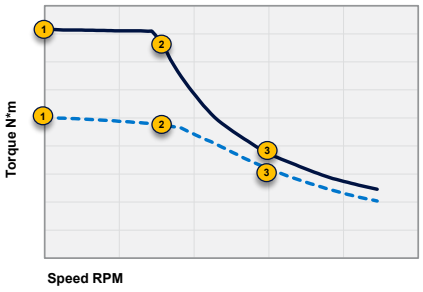
Contact Parker for compatible inverter recommendations

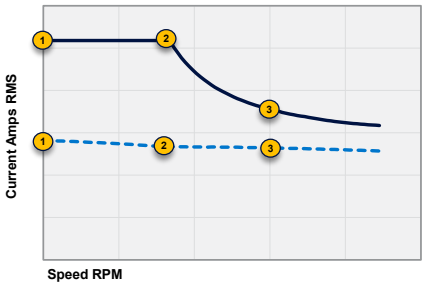
GVM310-300 Accessory Motors & Generators

Performance @ 350 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-300PMW1	765	387	1512	1086	1385	721	366	105	1227	808	178
GVM310-300PAW1	831	425	1512	1086	1385	760	389	110	1233	812	179
GVM310-300PAS2	945	480	1752	1202	1385	851	432	123	1752	1201	254
GVM310-300PAR1	845	524	1512	1311	1385	767	473	111	1512	1325	219
GVM310-300PAR2	963	525	1752	1285	1484	852	462	132	1752	1285	272
GVM310-300PMP2	858	494	1752	1380	1582	792	458	131	1752	1384	290
GVM310-300PMP1	755	494	1512	1408	1780	696	457	130	1241	1065	231
GVM310-300PAM2	963	662	1752	1620	1780	799	544	149	1752	1647	327
GVM310-300PNC2	858	311	1752	867	1879	573	296	113	859	544	169
GVM310-300PMK2	849	629	1752	1775	1978	765	568	158	1752	1802	363
GVM310-300PMK1	748	629	1512	1810	2374	663	558	165	1200	1320	298
GVM310-300PAM1	845	661	1512	1653	2374	648	496	161	1100	1101	273
GVM310-300PMH2	858	786	1752	2192	2473	736	674	190	1752	2228	454
GVM310-300PMH1	756	785	1512	2236	2868	642	665	193	1231	1677	370

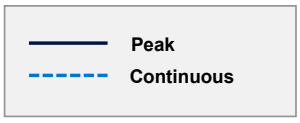
	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-300PMW1	2769	508	361	147	597	507	173
GVM310-300PAW1	2473	572	364	148	675	533	175
GVM310-300PAS2	2077	737	410	160	1095	845	238
GVM310-300PAR1	2670	603	418	169	763	685	213
GVM310-300PAR2	2275	709	430	169	1072	890	255
GVM310-300PMP2	2473	676	448	175	1053	947	273
GVM310-300PMP1	3363	519	444	183	643	677	226
GVM310-300PAM2	2670	669	480	187	1151	1170	322
GVM310-300PNC2	1582	695	296	115	1017	584	169
GVM310-300PMK2	3066	660	543	212	1095	1246	351
GVM310-300PMK1	4253	496	535	221	658	879	293
GVM310-300PAM1	3363	523	449	184	766	865	270
GVM310-300PMH2	3758	620	626	244	1113	1551	438
GVM310-300PMH1	4648	517	613	252	747	1156	364

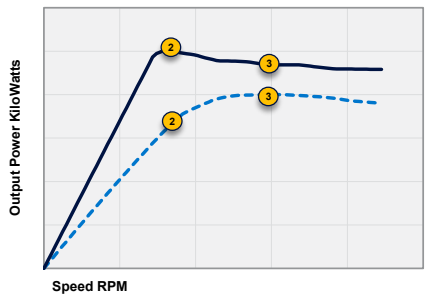




Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 12 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage



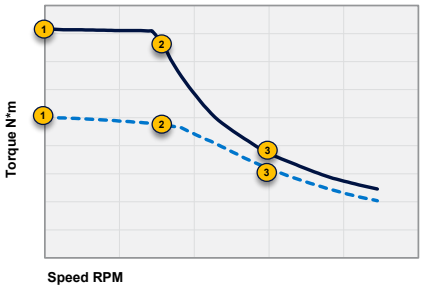


Contact Parker for compatible inverter recommendations

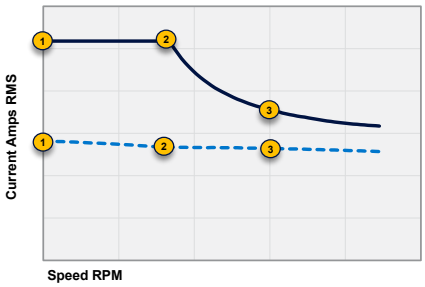
650 VDC SUPPLY VOLTAGE

GVM142-050 Accessory Motors & Generators

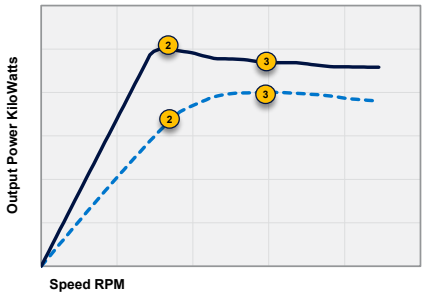
Performance @ 650 VDC



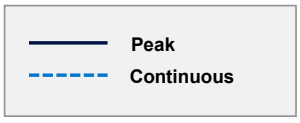
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-050C6	17	8	40	23
GVM142-050D6	17	12	41	37
GVM142-050F6	17	19	41	57



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050C6	2176	16	8	4	40	23	9
GVM142-050D6	3560	16	12	6	39	37	15
GVM142-050F6	5637	15	17	9	39	57	23



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-050C6	4055	13	8	5	21	16	9
GVM142-050D6	6033	13	11	8	22	25	14
GVM142-050F6	7912	12	15	10	27	44	22



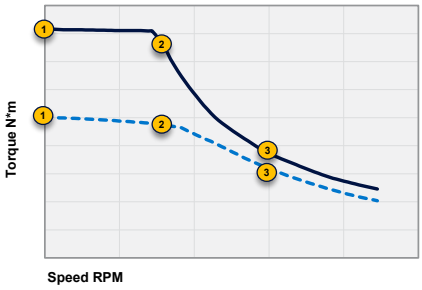
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 1.5 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

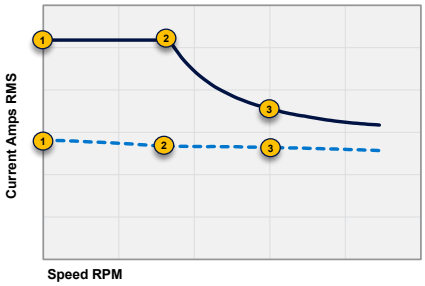
Contact Parker for compatible inverter recommendations

GVM142-075 Accessory Motors & Generators

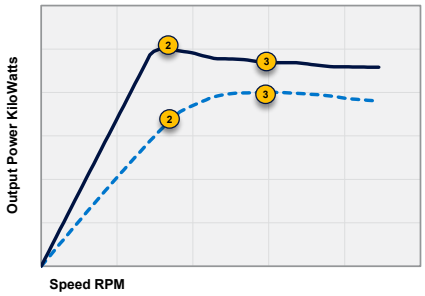
Performance @ 650VDC



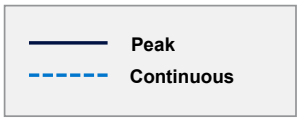
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-075D6	26	13	62	38
GVM142-075F6	26	20	62	59
GVM142-075G6	27	25	62	74
GVM142-075H6	27	31	63	93



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075D6	2275	25	12	6	60	38	14
GVM142-075F6	3659	24	18	9	60	59	23
GVM142-075G6	4550	23	22	11	61	74	29
GVM142-075H6	5736	22	26	13	61	93	36



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-075D6	4352	19	12	9	30	24	14
GVM142-075F6	6231	20	17	13	34	39	22
GVM142-075G6	7615	18	20	14	35	50	28
GVM142-075H6	7912	17	21	14	42	70	35



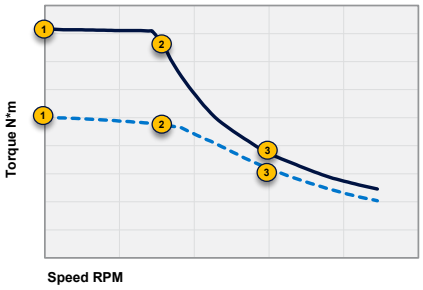
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

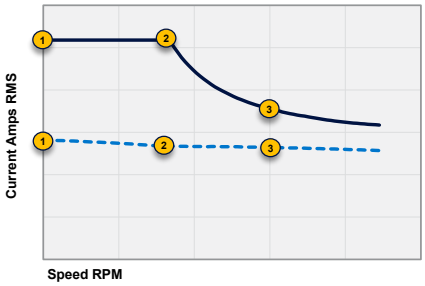
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

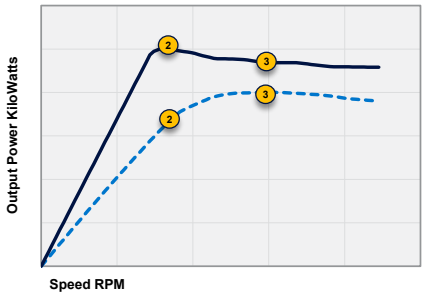
Contact Parker for compatible inverter recommendations

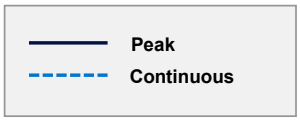
GVM142-100 Accessory Motors & Generators

Performance @ 650VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM142-100D6	35	13	83	38
GVM142-100F6	36	20	84	60
GVM142-100G6	36	25	84	76
GVM142-100H6	36	31	85	95
GVM142-100J6	37	39	85	119
GVM142-100K6	37	49	85	148

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100D6	1681	34	12	6	78	38	14
GVM142-100F6	2571	34	19	9	83	60	22
GVM142-100G6	3363	33	23	12	82	76	29
GVM142-100H6	4154	32	28	14	83	95	36
GVM142-100J6	5242	31	34	17	83	119	46
GVM142-100K6	6528	27	37	19	83	149	57

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM142-100D6	3363	26	12	9	38	23	13
GVM142-100F6	5044	26	18	14	41	37	22
GVM142-100G6	6033	26	22	17	44	48	28
GVM142-100H6	7022	26	26	19	47	62	35
GVM142-100J6	7912	24	28	20	53	83	44
GVM142-100K6	7517	24	33	19	70	129	55

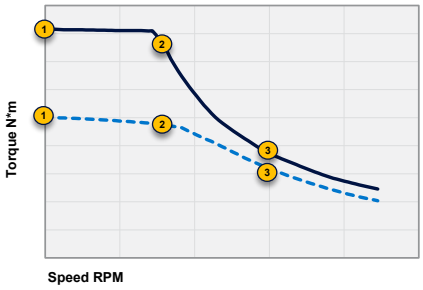
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 3 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

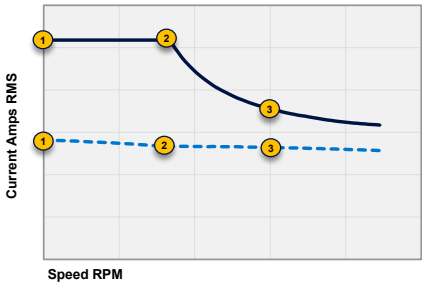
Contact Parker for compatible inverter recommendations

GVM210-050 Accessory Motors & Generators

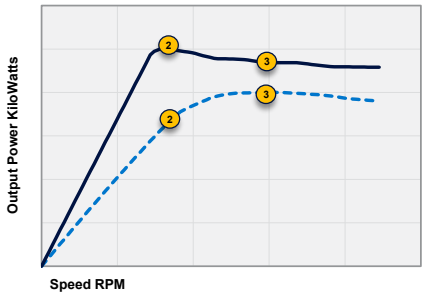
Performance @ 650 VDC



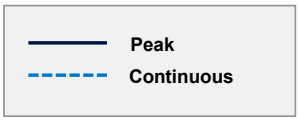
	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-050PJH1	50	28	83	53
GVM210-050PGF1	52	39	83	70
GVM210-050PEH1	51	55	83	100



	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PJH1	3066	44	25	14	78	55	25
GVM210-050PGF1	4154	41	31	18	77	73	34
GVM210-050PEH1	5934	31	34	19	77	104	48



	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-050PJH1	4648	35	23	17	48	40	23
GVM210-050PGF1	5143	37	29	20	61	61	33
GVM210-050PEH1	5835	32	34	19	78	104	48



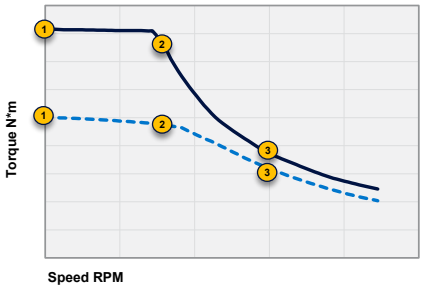
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 2 lpm

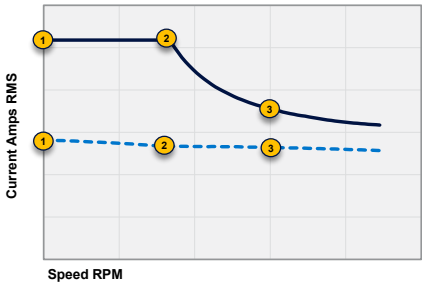
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

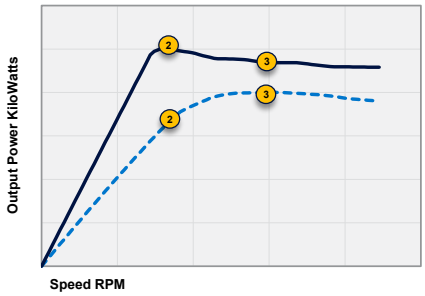
Contact Parker for compatible inverter recommendations

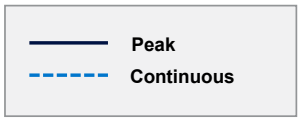
GVM210-100 Accessory Motors & Generators

Performance @ 650 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-100PJH1	99	28	172	56
GVM210-100PGF1	102	38	172	75
GVM210-100PEH1	101	54	172	106
GVM210-100PDD1	103	75	172	146
GVM210-100PCP1	100	86	172	173

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-100PJH1	1385	94	27	14	170	58	25
GVM210-100PGF1	1879	95	36	19	170	77	33
GVM210-100PEH1	2769	90	48	26	166	110	48
GVM210-100PDD1	3758	83	61	33	170	152	67
GVM210-100PCP1	4550	74	65	35	166	179	79

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-100PJH1	2769	66	26	19	79	36	23
GVM210-100PGF1	3462	71	34	26	86	50	31
GVM210-100PEH1	4846	67	45	34	89	73	45
GVM210-100PDD1	5736	66	54	40	105	110	63
GVM210-100PCP1	6132	62	56	40	119	140	76

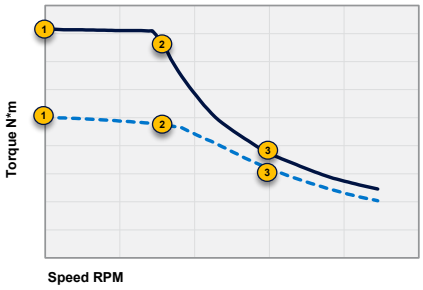
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 4 lpm

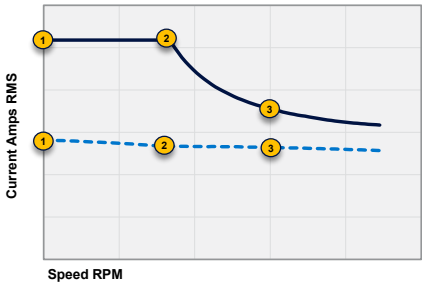
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

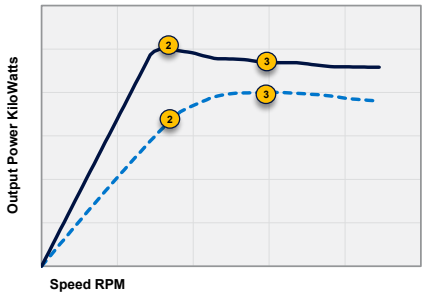
Contact Parker for compatible inverter recommendations

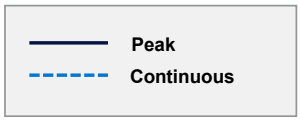
GVM210-150 Accessory Motors & Generators

Performance @ 650 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-150PJH1	147	27	262	57
GVM210-150PGF1	151	38	262	76
GVM210-150PEH1	150	53	262	108
GVM210-150PDD1	152	74	262	149
GVM210-150PCP1	148	85	262	176
GVM210-150PCG1	147	96	262	200
GVM210-150PCB1	147	108	262	226
GVM210-150PBT1	147	121	262	253
GVM210-150PBM1	152	147	262	295

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-150PJH1	890	143	27	13	257	59	24
GVM210-150PGF1	1286	144	36	19	244	78	33
GVM210-150PEH1	1780	140	50	26	256	112	48
GVM210-150PDD1	2473	136	67	35	257	154	67
GVM210-150PCP1	2967	129	75	40	254	184	79
GVM210-150PCG1	3363	124	82	44	256	209	90
GVM210-150PCB1	3758	118	88	47	259	236	102
GVM210-150PBT1	4253	112	93	50	256	263	114
GVM210-150PBM1	4945	105	102	55	258	306	133

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-150PJH1	1978	92	26	19	106	35	22
GVM210-150PGF1	2571	97	36	26	113	48	30
GVM210-150PEH1	3363	103	49	36	126	71	44
GVM210-150PDD1	4451	103	63	48	133	100	62
GVM210-150PCP1	4945	101	69	52	143	122	74
GVM210-150PCG1	5341	99	74	55	151	144	84
GVM210-150PCB1	6132	89	76	57	150	162	96
GVM210-150PBT1	5835	95	81	58	180	201	110
GVM210-150PBM1	5637	94	91	56	222	279	131

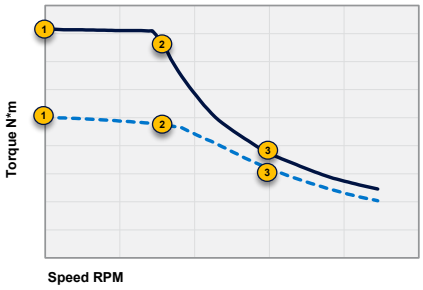
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 6 lpm

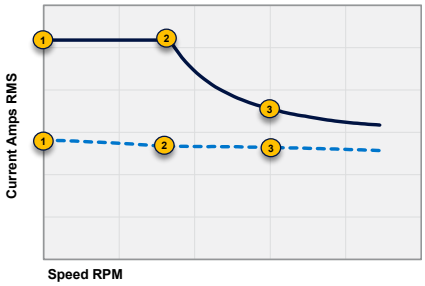
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

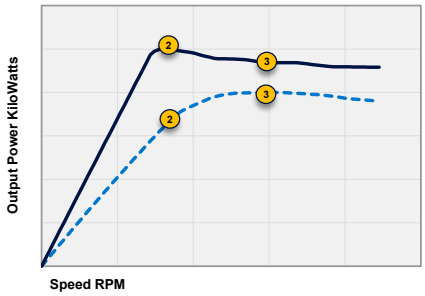
Contact Parker for compatible inverter recommendations

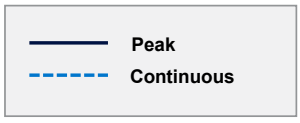
GVM210-200 Accessory Motors & Generators

Performance @ 650 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-200PEH1	199	53	351	109
GVM210-200PDD1	202	74	351	150
GVM210-200PCP1	197	85	351	178
GVM210-200PCG1	195	96	351	202
GVM210-200PCB1	194	108	351	228
GVM210-200PBT1	195	120	351	255
GVM210-200PBM1	202	146	351	298
GVM210-200PBG1	198	166	351	345
GVM210-200PBE1	202	183	351	374

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-200PEH1	1286	190	51	26	351	117	47
GVM210-200PDD1	1879	187	69	37	335	156	66
GVM210-200PCP1	2176	180	78	41	344	185	78
GVM210-200PCG1	2473	175	86	45	346	211	90
GVM210-200PCB1	2769	172	96	50	351	238	102
GVM210-200PBT1	3165	167	104	55	343	265	114
GVM210-200PBM1	3659	163	118	62	348	309	134
GVM210-200PBG1	4253	149	125	66	347	359	155
GVM210-200PBE1	4648	143	131	70	344	389	168

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-200PEH1	2769	128	50	37	151	68	44
GVM210-200PDD1	3462	138	67	50	170	98	62
GVM210-200PCP1	3956	136	75	56	177	118	73
GVM210-200PCG1	4451	133	82	62	180	135	84
GVM210-200PCB1	4846	131	88	67	187	156	95
GVM210-200PBT1	5143	132	94	71	197	179	106
GVM210-200PBM1	6033	121	101	76	199	211	126
GVM210-200PBG1	5934	124	107	77	240	272	149
GVM210-200PBE1	6528	109	103	74	236	293	162

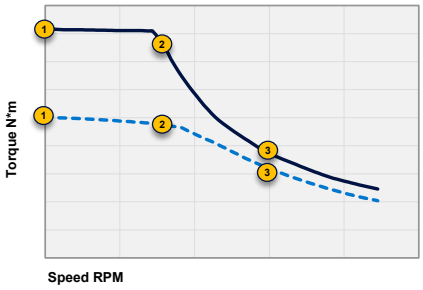
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 8 lpm

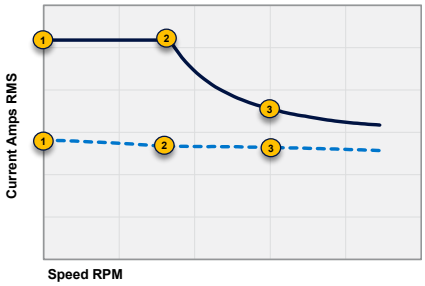
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

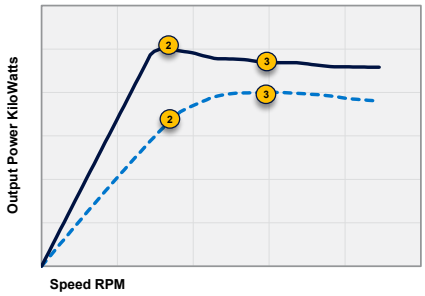
Contact Parker for compatible inverter recommendations

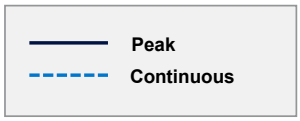
GVM210-300 Accessory Motors & Generators

Performance @ 650 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-300PCP1	292	84	530	179
GVM210-300PCG1	290	95	530	204
GVM210-300PCB1	289	106	530	231
GVM210-300PBT1	290	119	530	257
GVM210-300PBM1	300	145	530	301
GVM210-300PBG1	295	165	530	348
GVM210-300PBE1	300	182	530	378
GVM210-300PBB1	297	206	530	433
GVM210-300PAY1	298	229	530	480
GVM210-300PAT1	282	242	530	538
GVM210-300PMR1	263	255	530	612

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-300PCP1	1484	277	80	43	495	183	77
GVM210-300PCG1	1681	272	89	48	499	211	88
GVM210-300PCB1	1879	268	100	53	508	240	100
GVM210-300PBT1	2077	266	110	58	517	267	112
GVM210-300PBM1	2473	267	130	69	511	312	132
GVM210-300PBG1	2769	258	145	75	530	364	154
GVM210-300PBE1	3066	255	155	82	522	393	167
GVM210-300PBB1	3462	242	168	88	530	464	192
GVM210-300PAY1	3857	231	178	93	528	499	213
GVM210-300PAT1	4352	209	180	95	524	561	239
GVM210-300PMR1	4945	191	187	99	523	634	271

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-300PCP1	2868	196	78	59	239	112	72
GVM210-300PCG1	3066	205	88	66	256	132	82
GVM210-300PCB1	3462	201	97	73	258	149	94
GVM210-300PBT1	3857	198	106	80	260	167	105
GVM210-300PBM1	4352	204	123	93	272	200	124
GVM210-300PBG1	4747	201	132	100	290	239	144
GVM210-300PBE1	5044	200	140	106	297	264	157
GVM210-300PBB1	5736	182	145	109	301	304	181
GVM210-300PAY1	6330	168	147	111	305	339	202
GVM210-300PAT1	6132	165	147	106	359	420	230
GVM210-300PMR1	7022	139	142	102	355	475	261

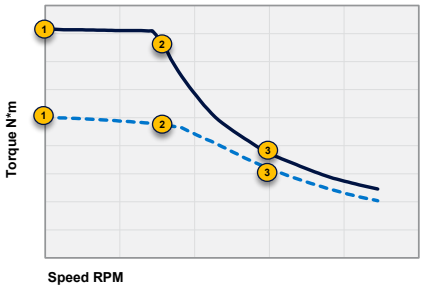
Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 12 lpm

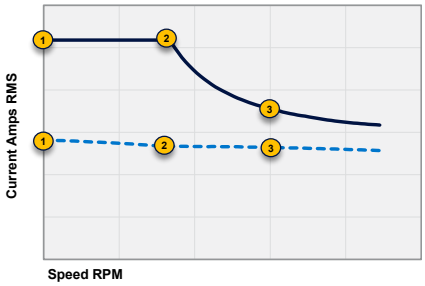
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

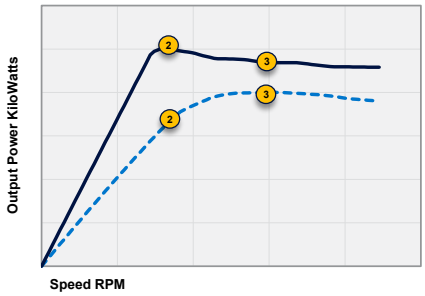
Contact Parker for compatible inverter recommendations

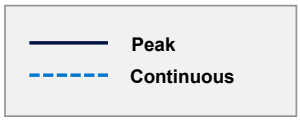
GVM210-400 Accessory Motors & Generators

Performance @ 650 VDC









	Point 1 - 0 Speed			
	Cont. Torque	Cont. Current	Peak Torque	Peak Current
	Nm	A_{rms}	Nm	A_{rms}
GVM210-400PCB1	403	112	709	232
GVM210-400PBT1	404	125	709	259
GVM210-400PBM1	420	152	709	302
GVM210-400PBG1	413	173	709	350
GVM210-400PBE1	420	191	709	380
GVM210-400PBB1	415	217	709	435
GVM210-400PAY1	417	242	709	482
GVM210-400PAT1	394	254	709	541
GVM210-400PMR1	367	268	709	615
GVM210-400PMM1	349	319	709	776
GVM210-400PMK1	389	394	709	850

	Point 2 - Base Speed*						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-400PCB1	1385	384	107	56	681	241	99
GVM210-400PBT1	1582	381	119	63	667	267	111
GVM210-400PBM1	1780	390	142	73	706	313	132
GVM210-400PBG1	2077	378	160	82	703	364	153
GVM210-400PBE1	2275	378	174	90	699	394	166
GVM210-400PBB1	2571	367	193	99	709	441	191
GVM210-400PAY1	2868	360	209	108	709	501	213
GVM210-400PAT1	3264	334	216	114	697	563	238
GVM210-400PMR1	3659	306	226	117	707	642	271
GVM210-400PMM1	4648	267	247	130	701	805	341
GVM210-400PMK1	5143	279	284	150	697	883	375

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM210-400PCB1	2868	261	105	78	307	142	92
GVM210-400PBT1	3066	271	116	87	323	162	104
GVM210-400PBM1	3462	284	137	103	338	193	123
GVM210-400PBG1	3956	277	152	115	344	225	143
GVM210-400PBE1	4253	278	163	124	349	246	155
GVM210-400PBB1	4747	272	178	135	360	286	179
GVM210-400PAY1	4846	284	191	144	392	333	199
GVM210-400PAT1	5341	261	194	146	399	377	223
GVM210-400PMR1	6132	240	204	154	398	428	255
GVM210-400PMM1	6923	205	203	149	452	580	328
GVM210-400PMK1	7319	209	222	160	472	654	362

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 16 lpm

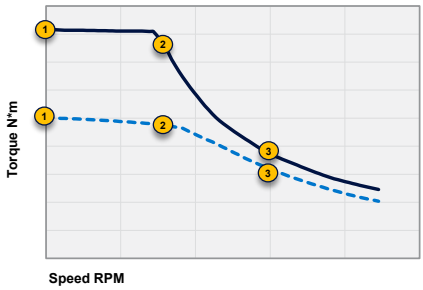
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

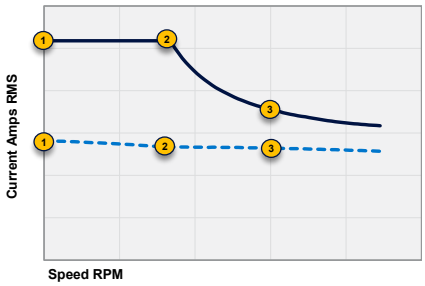
Contact Parker for compatible inverter recommendations

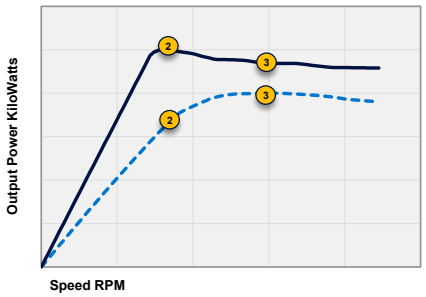
GVM310-125 Accessory Motors & Generators

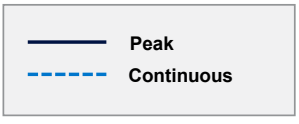
Performance @ 650 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-125PPP2	365	138	700	344	1978	333	127	69	700	346	145
GVM310-125PCM2	402	160	700	358	2077	355	141	77	700	360	152
GVM310-125PPP1	321	138	610	357	2176	293	126	67	515	289	117
GVM310-125PCE2	399	182	700	410	2374	339	154	84	700	414	174
GVM310-125PPC2	366	174	700	431	2473	322	153	83	700	436	181
GVM310-125PCM1	353	160	610	372	2571	301	136	81	456	265	123
GVM310-125PCB2	405	200	700	442	2571	333	163	90	700	446	188
GVM310-125PCE1	350	182	610	426	2670	294	152	82	503	336	141
GVM310-125PBT1	356	224	610	513	2670	295	183	82	610	524	171
GVM310-125PPC1	322	174	610	448	2769	282	152	82	509	358	148
GVM310-125PCB1	355	200	610	460	2868	289	161	87	505	364	152
GVM310-125PBT2	406	224	700	493	2868	318	173	95	700	499	210
GVM310-125PNP2	367	218	700	540	3165	302	179	100	700	545	232
GVM310-125PBP2	410	248	700	540	3165	301	179	100	700	546	232
GVM310-125PNP1	323	218	610	562	3462	266	179	97	511	452	185
GVM310-125PNH1	308	246	610	668	3462	258	206	94	610	687	221
GVM310-125PBP1	360	248	610	562	3462	263	177	95	512	453	186
GVM310-125PNH2	349	246	700	642	3758	268	189	106	700	650	275
GVM310-125PNG2	371	273	700	667	3956	272	199	113	700	673	290
GVM310-125PBG2	395	293	700	667	3956	240	175	100	700	674	290
GVM310-125PNG1	327	273	610	694	4352	240	198	109	502	548	229









Contact Parker for compatible inverter recommendations

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-125PPP2	2967	289	123	90	445	261	138
GVM310-125PCM2	3066	305	134	98	451	274	145
GVM310-125PPP1	3956	225	122	93	278	188	115
GVM310-125PCE2	3560	279	143	104	446	311	166
GVM310-125PPC2	3659	277	146	106	455	330	174
GVM310-125PCM1	3956	237	129	98	291	200	120
GVM310-125PCB2	3758	276	149	109	457	340	180
GVM310-125PCE1	4253	236	139	105	309	237	137
GVM310-125PBT1	5044	208	144	110	318	288	168
GVM310-125PPC1	5044	209	144	111	273	234	144
GVM310-125PCB1	4550	229	143	109	313	256	149
GVM310-125PBT2	4055	262	153	111	473	388	201
GVM310-125PNP2	4550	252	167	120	459	417	219
GVM310-125PBP2	4154	250	151	109	506	443	220
GVM310-125PNP1	5736	205	161	123	303	308	182
GVM310-125PNH1	6528	174	158	119	314	375	215
GVM310-125PBP1	4846	211	146	107	364	341	185
GVM310-125PNH2	4945	226	163	117	500	522	259
GVM310-125PNG2	5143	222	166	119	500	543	269
GVM310-125PBG2	3857	246	180	100	700	681	283
GVM310-125PNG1	6725	172	161	121	317	392	224

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 6 lpm

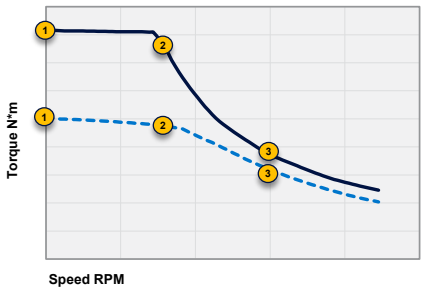
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

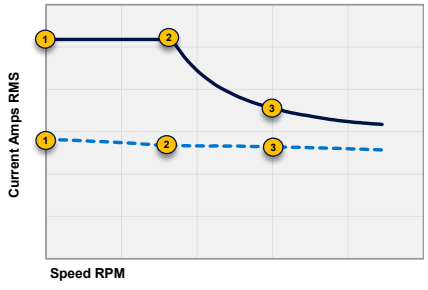
Contact Parker for compatible inverter recommendations

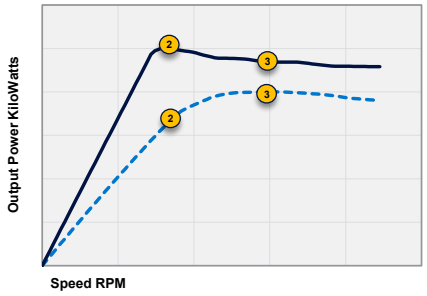
GVM310-200 Accessory Motors & Generators

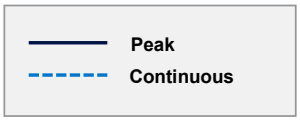
Performance @ 650 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-200PCB2	646	199	1140	459	1582	586	180	97	1140	460	189
GVM310-200PCB1	567	199	990	475	1780	510	178	95	812	365	151
GVM310-200PBT2	647	223	1140	513	1780	572	196	107	1140	513	213
GVM310-200PNP2	585	217	1140	562	1879	528	197	104	1140	569	224
GVM310-200PBP2	654	247	1140	562	1879	568	213	112	1140	570	224
GVM310-200PBT1	568	222	990	530	1978	499	194	103	817	410	169
GVM310-200PNP1	515	217	990	580	2176	461	195	105	811	446	185
GVM310-200PBP1	573	247	990	580	2176	488	208	111	814	448	186
GVM310-200PNH2	556	245	1140	667	2275	490	216	117	1140	674	272
GVM310-200PNG2	591	271	1140	694	2374	509	234	127	1140	701	283
GVM310-200PBG2	630	292	1140	694	2374	508	233	126	1140	701	283
GVM310-200PNH1	490	244	990	689	2571	431	215	116	816	534	220
GVM310-200PNG1	520	271	990	716	2670	446	232	125	819	557	229
GVM310-200PBG1	553	291	990	716	2670	441	229	123	820	558	229
GVM310-200PBD2	628	329	1140	786	2670	479	248	134	1140	799	319
GVM310-200PNC2	562	305	1140	823	2868	468	254	141	1140	828	342
GVM310-200PBD1	551	329	990	812	3066	412	241	132	809	624	260
GVM310-200PNC1	496	305	990	850	3165	413	253	137	819	662	271
GVM310-200PBA2	621	375	1140	907	3165	418	249	138	1140	916	378
GVM310-200PMW1	502	380	990	1044	3264	412	311	141	990	1069	338









Contact Parker for compatible inverter recommendations

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-200PCB2	2473	487	172	126	691	329	179
GVM310-200PCB1	3165	381	166	126	448	242	149
GVM310-200PBT2	2670	483	185	135	714	374	200
GVM310-200PNP2	2868	459	190	138	724	414	218
GVM310-200PBP2	2868	476	196	143	728	415	219
GVM310-200PBT1	3462	373	177	135	458	273	166
GVM310-200PNP1	3956	346	187	143	438	293	181
GVM310-200PBP1	3560	383	188	143	487	309	181
GVM310-200PNH2	3363	425	207	149	735	495	259
GVM310-200PNG2	3560	431	222	161	724	510	270
GVM310-200PBG2	3560	406	209	151	726	511	271
GVM310-200PNH1	4648	322	204	157	443	350	216
GVM310-200PNG1	4846	329	217	167	442	363	224
GVM310-200PBG1	4253	339	198	151	502	389	224
GVM310-200PBD2	3659	390	207	150	806	615	309
GVM310-200PNC2	4154	383	232	167	738	614	321
GVM310-200PBD1	4747	299	196	148	518	445	257
GVM310-200PNC1	5044	327	227	173	509	463	269
GVM310-200PBA2	4253	315	195	140	799	708	356
GVM310-200PMW1	5934	277	230	172	530	582	329

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 8 lpm

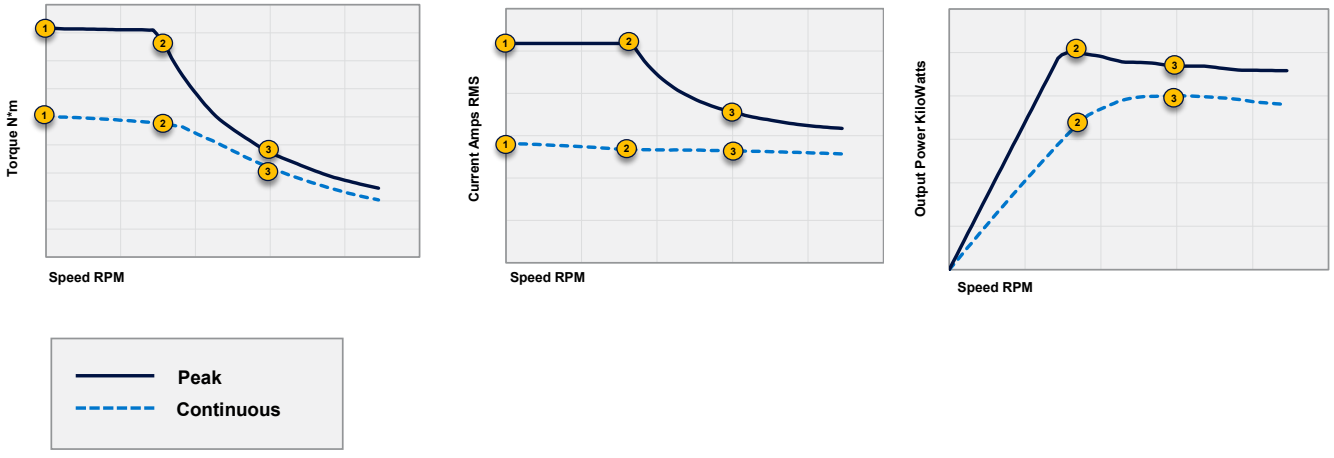
*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

Contact Parker for compatible inverter recommendations

GVM310-250 Accessory Motors & Generators

Performance @ 650 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-250PBP2	827	250	1430	566	1484	757	228	118	1430	574	222
GVM310-250PNH2	705	248	1430	673	1780	645	228	120	1430	680	267
GVM310-250PBP1	725	250	1240	583	1780	649	222	121	993	436	185
GVM310-250PBG1	699	295	1240	720	1780	622	261	116	1240	729	231
GVM310-250PBG2	796	296	1430	699	1879	690	255	136	1430	706	281
GVM310-250PNH1	621	248	1240	692	2077	565	226	123	1008	527	219
GVM310-250PBD2	793	333	1430	792	2176	655	273	149	1430	796	326
GVM310-250PNC2	713	310	1430	829	2275	627	273	149	1430	832	341
GVM310-250PBD1	696	333	1240	816	2473	566	267	146	1002	618	260
GVM310-250PBA2	785	380	1430	914	2473	614	294	159	1430	926	370
GVM310-250PNC1	628	310	1240	854	2571	550	271	148	1006	649	271
GVM310-250PMW1	636	386	1240	1049	2571	555	337	150	1240	1075	334
GVM310-250PBA1	689	380	1240	941	2769	534	289	155	1033	738	300
GVM310-250PMW2	722	386	1430	1018	2769	604	323	175	1430	1031	415
GVM310-250PAW2	787	425	1430	1018	2769	578	307	168	1430	1032	415
GVM310-250PAS1	690	478	1240	1184	2967	504	342	157	1240	1197	385
GVM310-250PAW1	691	424	1240	1049	3165	492	295	163	1008	800	334
GVM310-250PAS2	786	478	1430	1150	3165	507	304	168	1430	1162	474
GVM310-250PAR1	703	523	1240	1266	3165	476	345	158	1240	1286	411
GVM310-250PMP1	628	493	1240	1359	3363	511	399	180	1240	1397	437



Contact Parker for compatible inverter recommendations

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-250PBP2	2374	632	214	157	879	406	218
GVM310-250PNH2	2769	553	221	160	890	487	258
GVM310-250PBP1	3066	485	206	156	568	297	182
GVM310-250PBG1	3560	464	227	173	601	379	224
GVM310-250PBG2	2868	573	236	172	899	509	270
GVM310-250PNH1	3758	427	220	168	546	347	215
GVM310-250PBD2	3165	548	250	182	923	586	306
GVM310-250PNC2	3363	540	262	190	907	606	319
GVM310-250PBD1	3857	453	241	183	628	441	254
GVM310-250PBA2	3363	522	255	184	1005	711	354
GVM310-250PNC1	4648	407	258	198	546	429	266
GVM310-250PMW1	5143	413	291	222	613	556	330
GVM310-250PBA1	4352	401	241	183	644	515	294
GVM310-250PMW2	4055	507	298	215	929	757	395
GVM310-250PAW2	3758	456	249	180	1007	793	396
GVM310-250PAS1	4846	337	232	171	739	700	375
GVM310-250PAW1	4352	391	242	178	724	613	330
GVM310-250PAS2	3264	492	295	168	1293	1109	442
GVM310-250PAR1	3758	408	295	161	1025	986	404
GVM310-250PMP1	6033	334	283	211	676	764	427

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 12 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

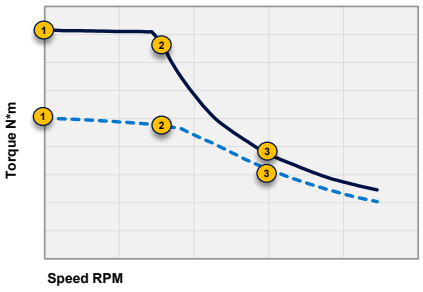
Contact Parker for compatible inverter recommendations

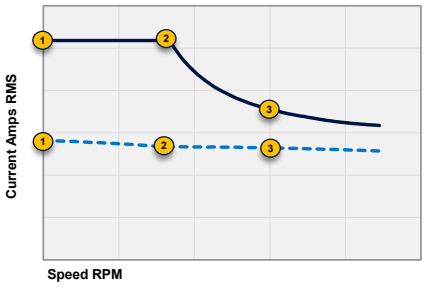
GVM310-300 Accessory Motors & Generators

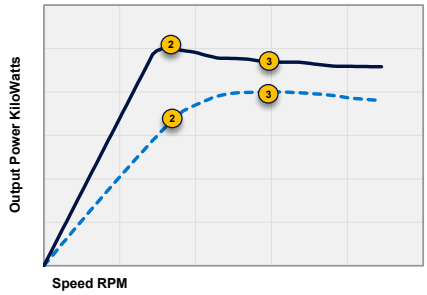
Performance @ 650 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-300PBD2	954	334	1752	828	1681	841	294	148	1752	841	308
GVM310-300PNC2	858	311	1752	867	1780	783	284	146	1752	880	327
GVM310-300PBA2	944	381	1752	956	1978	797	320	165	1752	972	363
GVM310-300PBD1	837	334	1512	845	2275	697	275	166	1088	557	259
GVM310-300PMW2	869	387	1752	1065	2275	760	339	181	1752	1073	417
GVM310-300PAW2	947	426	1752	1065	2275	755	337	180	1752	1075	417
GVM310-300PNC1	756	310	1512	884	2374	670	276	167	1088	583	270
GVM310-300PBA1	829	380	1512	975	2374	677	307	168	1204	713	299
GVM310-300PMW1	765	387	1512	1086	2571	666	337	179	1237	820	333
GVM310-300PAW1	831	425	1512	1086	2571	653	329	176	1240	822	334
GVM310-300PAS2	945	480	1752	1202	2571	708	354	191	1752	1213	472
GVM310-300PAR1	845	524	1512	1311	2571	644	391	173	1512	1342	407
GVM310-300PMP1	755	494	1512	1408	2769	648	424	188	1512	1439	438
GVM310-300PAR2	963	525	1752	1285	2769	669	358	194	1752	1285	508
GVM310-300PAS1	829	479	1512	1226	2967	603	341	187	1214	906	377
GVM310-300PMP2	858	494	1752	1380	2967	702	404	218	1752	1380	544
GVM310-300PAM1	845	661	1512	1653	3264	527	400	180	1512	1695	517

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-300PBD2	2670	704	270	197	1093	580	306
GVM310-300PNC2	2868	663	274	199	1062	598	319
GVM310-300PBA2	3066	652	288	209	1099	673	353
GVM310-300PBD1	3264	577	261	197	749	436	256
GVM310-300PMW2	3462	646	323	234	1084	743	393
GVM310-300PAW2	3066	666	299	214	1224	800	393
GVM310-300PNC1	3857	515	272	208	657	429	265
GVM310-300PBA1	3758	535	276	210	744	504	293
GVM310-300PMW1	4747	491	317	244	657	527	327
GVM310-300PAW1	4055	498	279	211	767	573	326
GVM310-300PAS2	3560	561	290	209	1197	891	446
GVM310-300PAR1	4352	442	274	201	875	743	399
GVM310-300PMP1	5341	469	346	262	767	737	429
GVM310-300PAR2	3758	512	279	201	1217	961	479
GVM310-300PAS1	4055	489	284	208	878	697	373
GVM310-300PMP2	4352	562	356	256	1124	983	512
GVM310-300PAM1	3659	473	358	181	1322	1370	507

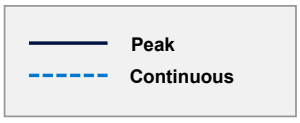






Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 14 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

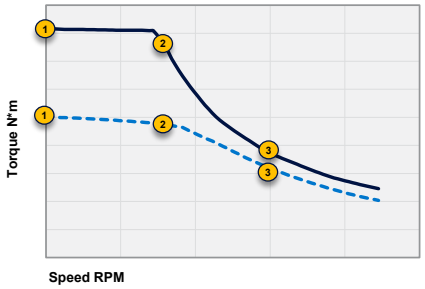


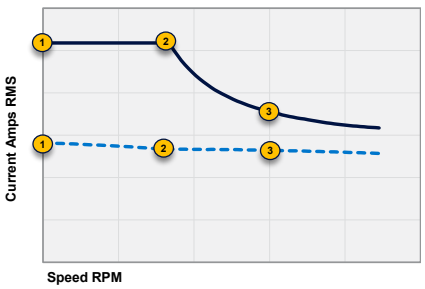
Contact Parker for compatible inverter recommendations

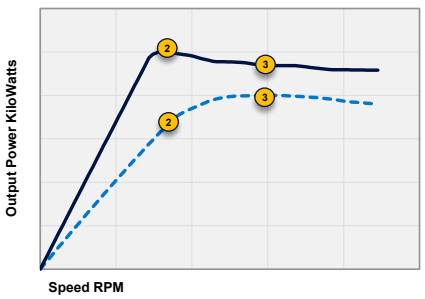
GVM310-250 Accessory Motors & Generators

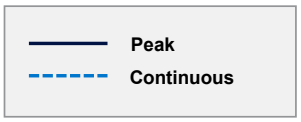
Performance @ 650 VDC

	Point 1 - 0 Speed				Point 2 - Base Speed*						
	Cont. Torque	Cont. Current	Peak Torque	Peak Current	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	Nm	A_{rms}	Nm	A_{rms}	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-400PMH1	759	550	2005	1959	3648	727	550	274	1900	1954	732
GVM310-400PMP1	1064	520	2010	1233	2271	963	470	230	1932	1231	460
GVM310-400PMW1	1100	416	2009	951	1724	1027	388	186	1950	949	352
GVM310-400PNC1	1109	339	2010	776	1410	1046	323	157	1927	772	285
GVM310-400PNH1	1096	275	2009	629	1106	1059	267	122	1946	627	229
GVM310-400PNP1	1141	241	2010	528	954	1105	233	110	1905	514	192
GVM310-400PAR1	1196	552	2009	1150	2068	1055	482	228	1950	1144	424
GVM310-400PAS1	1218	529	2009	1075	1866	1064	463	209	1977	1073	387
GVM310-400PAW1	1227	470	2009	955	1653	1105	425	192	1982	950	345
GVM310-400PBA1	1236	426	2010	857	1450	1136	392	173	1991	857	305
GVM310-400PBD1	1205	360	2009	740	1299	1132	336	153	1964	735	272
GVM310-400PBG1	1218	319	2010	653	1106	1150	303	133	1991	653	232
GVM310-400PBT1	1259	248	2010	484	812	1218	239	104	1977	483	170
GVM310-400PMH2	860	546	2300	1902	3455	834	551	300	2264	1890	823
GVM310-400PMK2	1038	554	2300	1537	2828	996	536	292	2258	1533	670
GVM310-400PMP2	1231	523	2300	1195	2159	1106	463	250	2274	1192	516
GVM310-400PMW2	1262	412	2300	922	1663	1179	387	205	2274	918	396
GVM310-400PNC2	1278	340	2300	752	1349	1200	323	173	2269	750	320
GVM310-400PNH2	1273	275	2300	610	1056	1215	263	135	2290	609	256
GVM310-400PNP2	1314	240	2300	512	893	1278	232	119	2279	508	214
GVM310-400PAR2	1387	547	2300	1113	2017	1184	471	247	2274	1105	476
GVM310-400PAS2	1393	521	2300	1038	1861	1205	446	236	2279	1038	442
GVM310-400PAW2	1408	466	2300	921	1665	1267	415	220	2285	917	394
GVM310-400PBA2	1419	422	2300	823	1489	1288	384	201	2285	829	354
GVM310-400PBD2	1387	357	2300	711	1291	1309	333	174	2279	711	308
GVM310-400PBG2	1403	316	2300	628	1123	1320	301	155	2285	623	268
GVM310-400PBP2	1466	272	2300	508	902	1408	261	133	2290	509	215
GVM310-400PBT2	1450	245	2300	465	827	1408	239	122	2290	465	197
GVM310-400PCB2	1455	221	2300	415	728	1419	214	108	2295	419	174
GVM310-400PCE2	1429	201	2300	385	675	1393	195	100	2295	385	162
GVM310-400PCM2	1434	175	2300	336	577	1413	172	85	2290	338	138
GVM310-400PDA2	1455	152	2300	291	494	1424	150	73	2290	289	118









Contact Parker for compatible inverter recommendations

	Point 3 - Rated Speed						
	Base Speed	Cont. Torque	Cont. Current	Cont. Power	Peak Torque	Peak Current	Peak Power
	rpm	Nm	A_{rms}	kW	Nm	A_{rms}	kW
GVM310-400PMH1	4630	681	529	335	1496	1497	727
GVM310-400PMP1	4387	705	450	324	991	760	455
GVM310-400PMW1	3567	732	377	274	936	574	350
GVM310-400PNC1	3010	731	317	229	891	463	284
GVM310-400PNH1	2574	686	369	186	841	262	228
GVM310-400PNP1	2220	695	231	163	818	303	191
GVM310-400PAR1	3577	786	414	295	1127	742	424
GVM310-400PAS1	3273	827	405	286	1146	710	395
GVM310-400PAW1	3101	827	382	272	1073	602	350
GVM310-400PBA1	2959	822	360	255	1009	527	313
GVM310-400PBD1	2726	777	316	226	950	443	269
GVM310-400PBG1	2493	777	292	205	909	387	238
GVM310-400PBT1	2321	668	232	161	718	271	174
GVM310-400PMH2	3972	772	516	323	2065	1821	859
GVM310-400PMK2	4205	798	480	354	1570	1213	696
GVM310-400PMP2	3324	923	441	321	1539	935	540
GVM310-400PMW2	2777	944	376	274	1413	694	412
GVM310-400PNC2	2220	981	318	230	1450	568	334
GVM310-400PNH2	1866	949	261	186	1372	449	267
GVM310-400PNP2	1683	939	231	164	1262	374	224
GVM310-400PAR2	3021	954	413	303	1580	880	501
GVM310-400PAS2	2859	985	410	295	1559	821	467
GVM310-400PAW2	2549	1048	386	281	1554	723	413
GVM310-400PBA2	2416	1043	363	263	1466	628	371
GVM310-400PBD2	2134	1038	320	232	1424	537	319
GVM310-400PBG2	1820	1090	295	210	1476	483	280
GVM310-400PBP2	1525	1142	256	182	1413	385	227
GVM310-400PBT2	1404	1132	236	166	1398	350	206
GVM310-400PCB2	1247	1147	213	149	1408	315	183
GVM310-400PCE2	1164	1111	192	136	1382	291	169
GVM310-400PCM2	992	1142	171	119	1413	253	147
GVM310-400PDA2	877	1121	148	102	1346	216	124

Assumes 50/50 WEG Liquid Cooling, 65°C Inlet at 18 lpm

*Defined base speed is in reference to the motor alone and reflects the point at which field weakening begins under peak load conditions.
Results will vary depending on inverter current limits and system voltage

Contact Parker for compatible inverter recommendations

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