

# Graupner Speed Series Motors

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Motor	Nominal Voltage	Voltage Range	No-Load RPM	NO-Load Current	Current @ Max Effic.	Stalled Current	Max Efficiency	Case Length	Case Diam	Free Shaft Length	Shaft Diam	Weight
Speed 280	6v	4.5-6v	14,000	0.275A	1.58A	6.8A	58%	30.5mm	28.8mm	11mm	2mm	42g
Speed 300	6v	1.2-6v	29,000	0.7A	5A	28A	65%	30.8mm	24.4mm	7mm	2mm	50g
Speed 400 RACE	4.8v	1.2-6v	22,000	1A	7A	40A	66%	37.8mm	27.7mm	13.8mm	2.3mm	73g
Speed 400	6v	2.4-7.2v	18,000	0.7A	4A	25A	70%	37.8mm	27.7mm	13.8mm	2.3mm	73g
Speed 400	7.2v	3.6-8.4v	16,400	0.5A	3.3A	21A	72%	37.8mm	27.7mm	13.8mm	2.3mm	73g
Speed 480	7.2v	7.2-9v	17,000	1.1A	5A	31A	82%	47.3mm	29.3mm	14mm	3.17mm	105g
Speed 480 BB RACE	7.2v	4.8-8.4v	27,000	1.6A	8.5A	60A	78%	47.3mm	29.3mm	14mm	3.17mm	105g
Speed 500 ECO RACE	7.2v	4.8-8.4v	21,000	1.5A				57mm	36mm	13mm	3.17mm	175g
Speed 500 RACE	7.2v	3.6-8.4v	21,200	2A	14A	96A	76%	50mm	35.8mm	8.5mm	3.17mm	164g
Speed 500BB RACE VS	7.2v	4.8-8.4v	24,500	1.6A	17A	112A	82%	50mm	35.8mm	12.5mm	3.17mm	166g
Speed 500 E	12v	6-12v	12,000	0.4A	2A	10A	67%	50mm	35.8mm	8.5mm	3.17mm	158g
Speed 500 SR RACE	8.4v	4.8-8.4v	32,000	3.5A	18A	85A	80%	50mm	26mm	8mm	3.17mm	173g
Speed 500 SP	8.4v	6-9.6v	17,000	1A	7A	44A	78%	50mm	35.7mm	10.5mm	3.17mm	160g
Speed 500 BB SP	8.4v	6-9.6v	17,000	1.2A	9.5A	87.5A	76%	57mm	36mm	11.8mm	3.17mm	205g
Speed 600 ECO	7.2v	6-9.6v	11,000	1A	7.5A	50A	72%	57mm	37mm	8.7mm	3.17mm	220g
Speed 600	7.2v	3.6-8.4v	18,200	2A	12A	85A	69%	57mm	35.8mm	8.7mm	3.17mm	195g
Speed 600	8.4v	4.8-9.6v	15,500	1.8A	11A	70A	75%	57mm	37mm	8.7mm	3.17mm	220g
Speed 600BB TURBO	12v	4.8-14.4v	17,200	1A	7A	40A	77%	57mm	37mm	8.7mm	3.17mm	220g
Speed 500 BB SP	7.2v	6-9.6v	21,200	1.8A	12.7A	90A	76%	57mm	35.7mm	11.9mm	3.17mm	194g
Speed 600 RACE	8.4v	4.8-9.6v	21,000	2.2A	12A	90A	76%	57mm	36mm	8.5mm	3.17mm	195g
Speed 600 BB	9.6v	7.2-12v	17,000	0.8A	6.6A	55A	75%	57mm	35.7mm	11.9mm	3.17mm	194g
Speed 600 BB TURBO	14.4v	9.6-14.4v	14,500	0.9A	5A	33A	74%	57mm	37mm	8.7mm	3.17mm	220g

Speed 700 TURBO	9.6v	4.8-14.4v	15,000	2A	12.5A	65A	75%	67mm	42.2mm	14mm	5mm	320g
Speed 700 BB TURBO	9.6v	4.8-16.8v	13,000	2A	15A	77A	75%	67mm	42.2mm	14mm	5mm	350g
Speed 700 RACE	9.6v	7.2-9.6v	19 000	3.3A	17.5A	90A	69%	66mm	44.5mm	10.5mm	5mm	362g
Speed 700 BB TURBO	12v	7.2-19.2v	11,600	2A	12.5A	43A	75%	67mm	44mm	14mm	5mm	350g
Speed 720 BB TORQUE	12v	6-13v	4,100	0.75A	3.0A	13.5A	75%	72mm	44.5mm	6.5mm	5mm	380g
Speed 820 RACE	20v	16-24v	24,000	2.5A	21.3A	166A	82%	68mm	48mm	13mm	5mm	450g
Speed 900 BB TORQUE	12v	6-40v	6,500	1.1A	8A	54A	71%	95mm	51.5mm	15mm	6mm	645g