



# STEAM SPEED CHART VML4/VMS4 - Gauge 1

Wheel Size in Feet	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00			
<b>MAXON 22mm Motor</b>																						
Gear Ratio 26.65	48	51	55	58	61	65	68	72	75	79	82	85	89	92	96	99	102	106	109		10200	8.00
Gear Ratio 21.32	60	64	68	73	77	81	85	90	94	98	102	107	111	115	120	124	128	132	137		10200	10.00
Gear Ratio 12.54	102	109	116	123	131	138	145	152	160	167	174	181	189	196	203	210	218	225	232		10200	17.00
<b>MAXON 19mm Motor</b>																						
Gear Ratio 26.65	47	50	53	57	60	63	67	70	73	76	80	83	86	90	93	96	100	103	106		9930	8.00
Gear Ratio 21.32	58	62	67	71	75	79	83	87	91	96	100	104	108	112	116	121	125	129	133		9930	10.00
Gear Ratio 12.54	99	106	113	120	127	134	141	148	155	163	170	177	184	191	198	205	212	219	226		9930	17.00
<b>MAXON 26mm Motor</b>																						
Gear Ratio 26.65	36	38	41	43	46	49	51	54	56	59	61	64	66	69	72	74	77	79	82		7630	8.00
Gear Ratio 21.32	45	48	51	54	57	61	64	67	70	73	77	80	83	86	89	93	96	99	102		7630	10.00
Gear Ratio 12.54	76	81	87	92	98	103	109	114	119	125	130	136	141	147	152	157	163	168	174		7630	17.00
<b>MAXON 32mm Motor</b>																						
Gear Ratio 26.65	22	23	25	27	28	30	31	33	34	36	37	39	41	42	44	45	47	48	50		4660	8.00
Gear Ratio 21.32	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	59	60	62		4660	10.00
Gear Ratio 12.54	46	50	53	56	60	63	66	70	73	76	80	83	86	90	93	96	99	103	106		4660	17.00
<b>CANON 1833 Motor</b>																						
Gear Ratio 26.65	52	55	59	63	66	70	74	77	81	85	88	92	96	99	103	107	110	114	118		11000	8.00
Gear Ratio 21.32	64	69	74	78	83	87	92	97	101	106	110	115	120	124	129	134	138	143	147		11000	10.00
Gear Ratio 12.54	110	117	125	133	141	149	157	164	172	180	188	196	204	211	219	227	235	243	250		11000	17.00
<b>MASHIMA 1833 Motor</b>																						
Gear Ratio 26.65	40	43	46	48	51	54	57	60	63	65	68	71	74	77	80	83	85	88	91		8500	8.00
Gear Ratio 21.32	50	53	57	60	64	68	71	75	78	82	85	89	93	96	100	103	107	110	114		8500	10.00
Gear Ratio 12.54	85	91	97	103	109	115	121	127	133	139	145	151	157	163	169	175	181	187	194		8500	17.00
<b>MASHIMA 1824 Motor</b>																						
Gear Ratio 26.65	43	46	49	52	55	59	62	65	68	71	74	77	80	83	86	89	92	95	99		9200	8.00
Gear Ratio 21.32	54	58	62	65	69	73	77	81	85	89	92	96	100	104	108	112	116	119	123		9200	10.00
Gear Ratio 12.54	92	98	105	111	118	124	131	137	144	151	157	164	170	177	183	190	196	203	209		9200	17.00
<b>PITTMAN 6313</b>																						
Gear Ratio 26.65	36	39	42	44	47	49	52	55	57	60	63	65	68	70	73	76	78	81	83		7780	8.00
Gear Ratio 21.32	46	49	52	55	59	62	65	68	72	75	78	81	85	88	91	94	98	101	104		7780	10.00
Gear Ratio 12.54	78	83	89	94	100	105	111	116	122	127	133	138	144	149	155	161	166	172	177		7780	17.00

**PLEASE NOTE: THIS SPEED CHART IS IN MPH AND FOR APPROXIMATION ONLY**