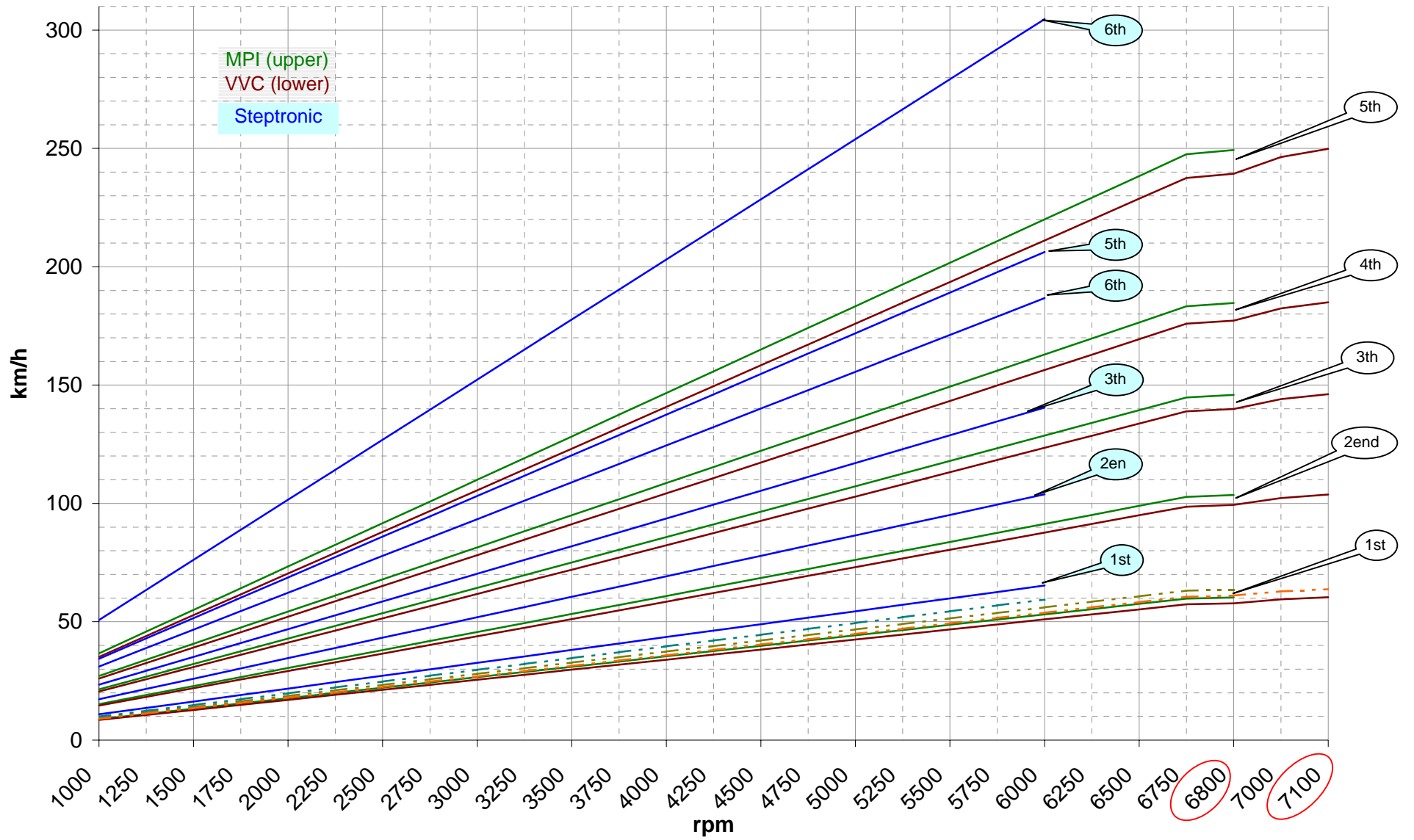


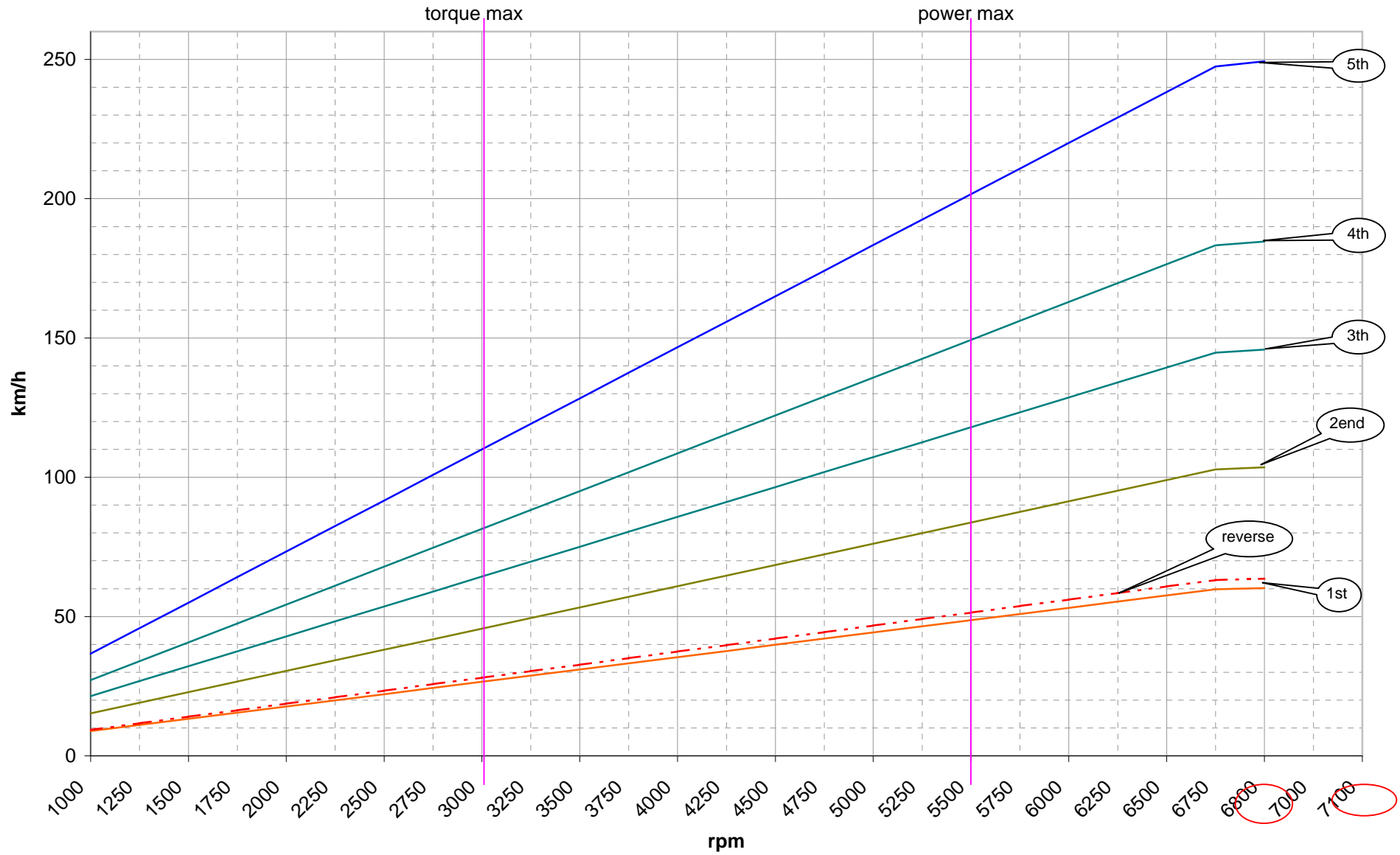
# Speed in km/h at rpm

## Diagramm compared kmh



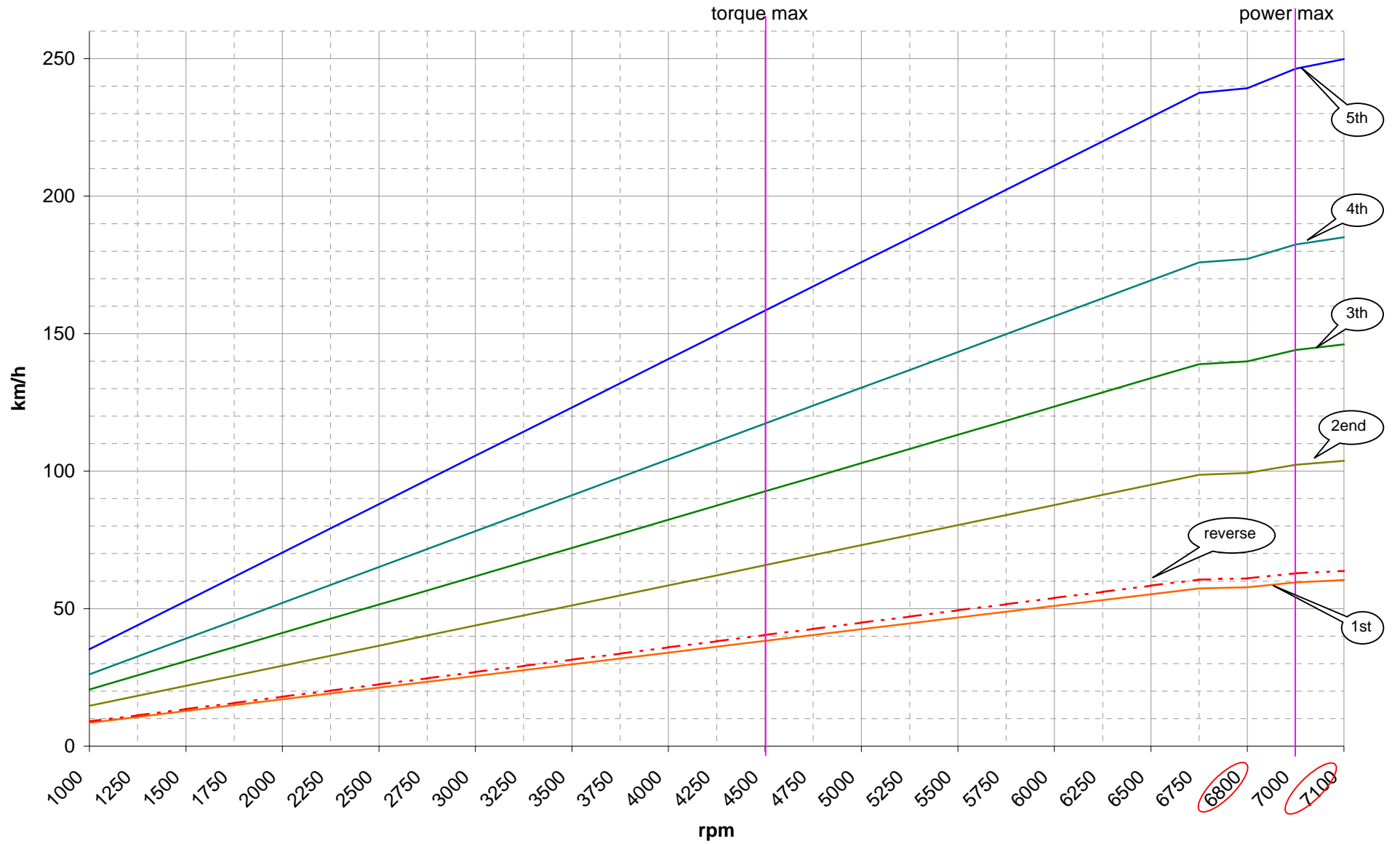
# Speed in km/h at rpm

## Diagramm MPI kmh



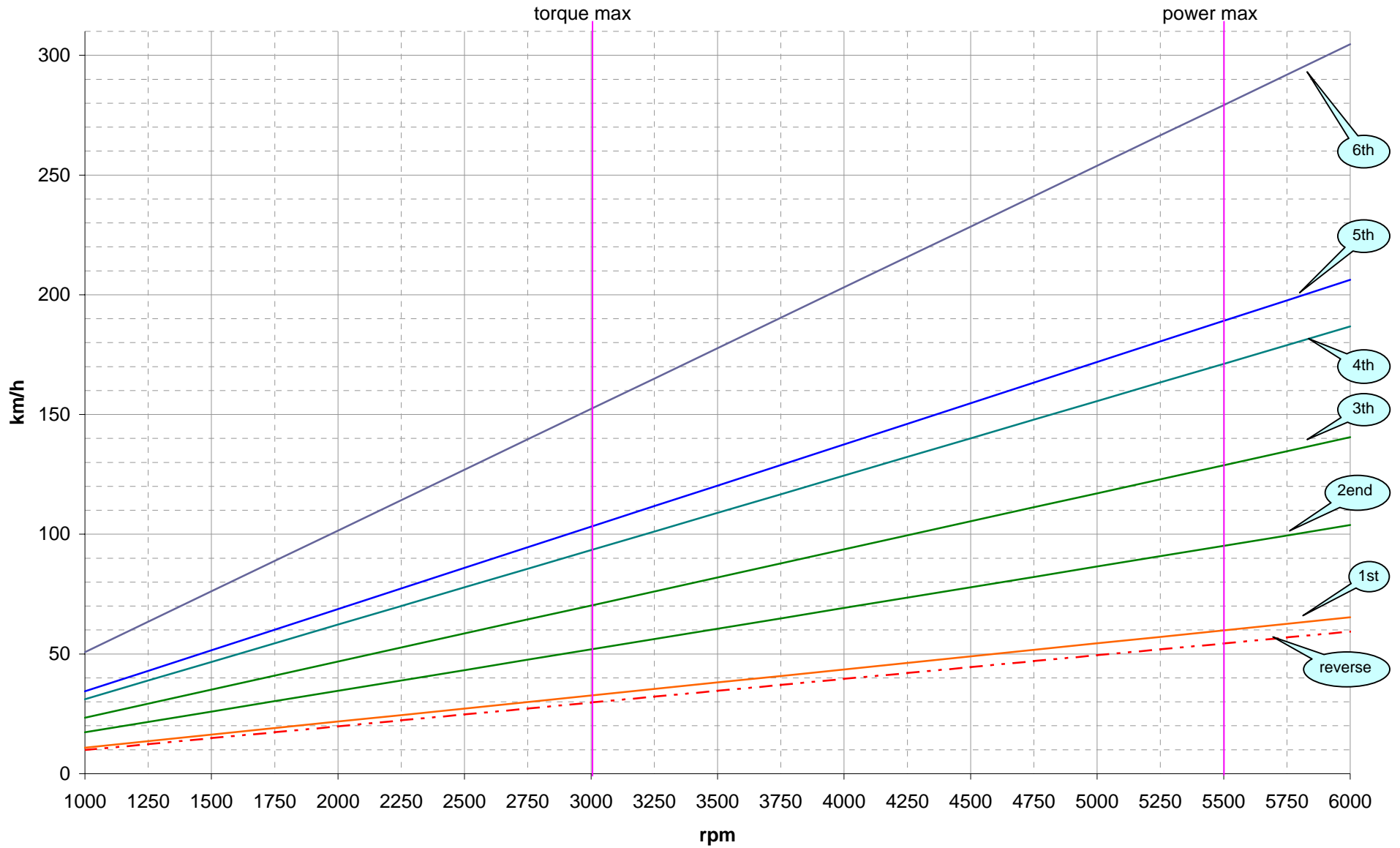
# Speed in km/h at rpm

## Diagramm VVC kmh



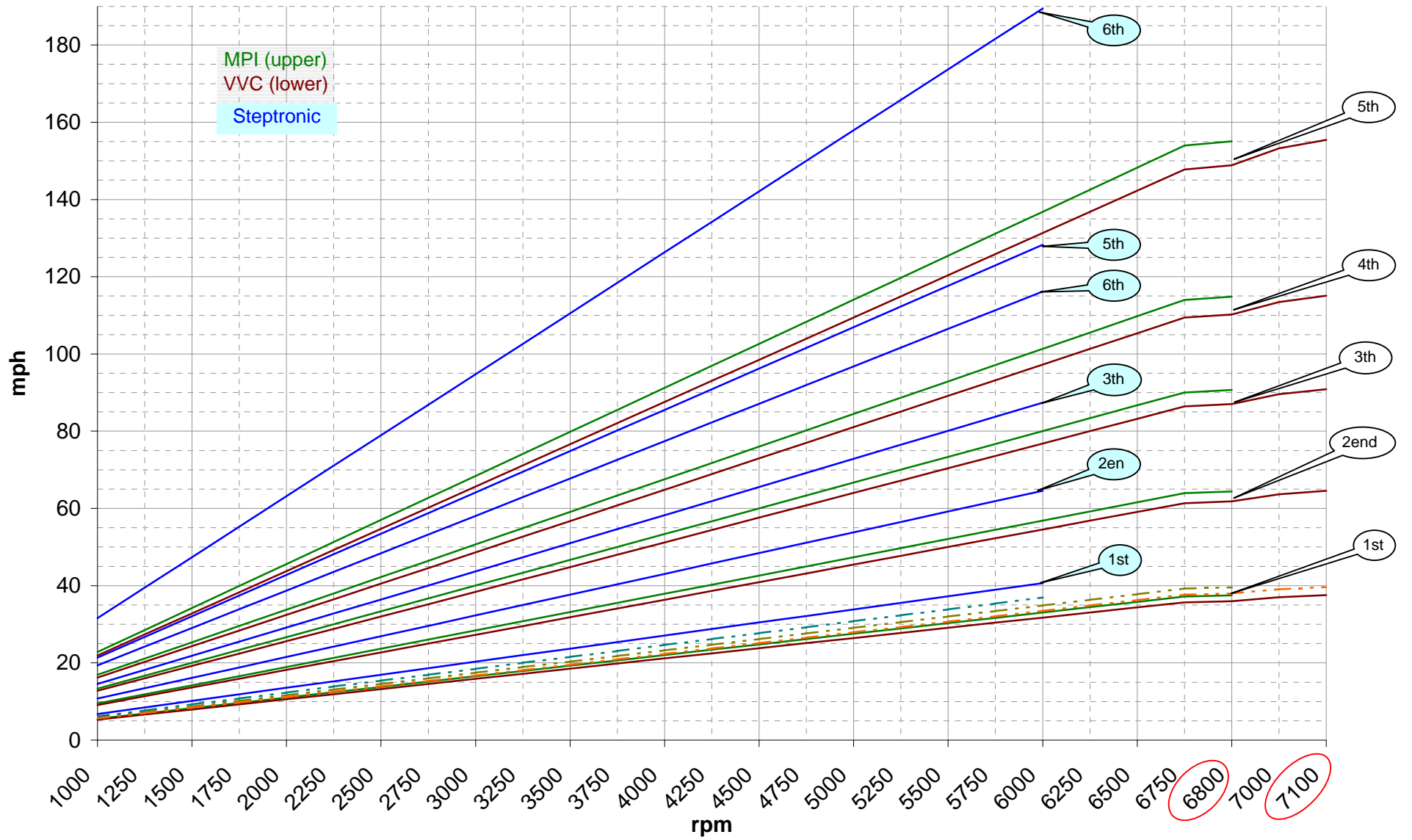
# Speed in km/h at rpm

## Diagramm Steptronic kmh



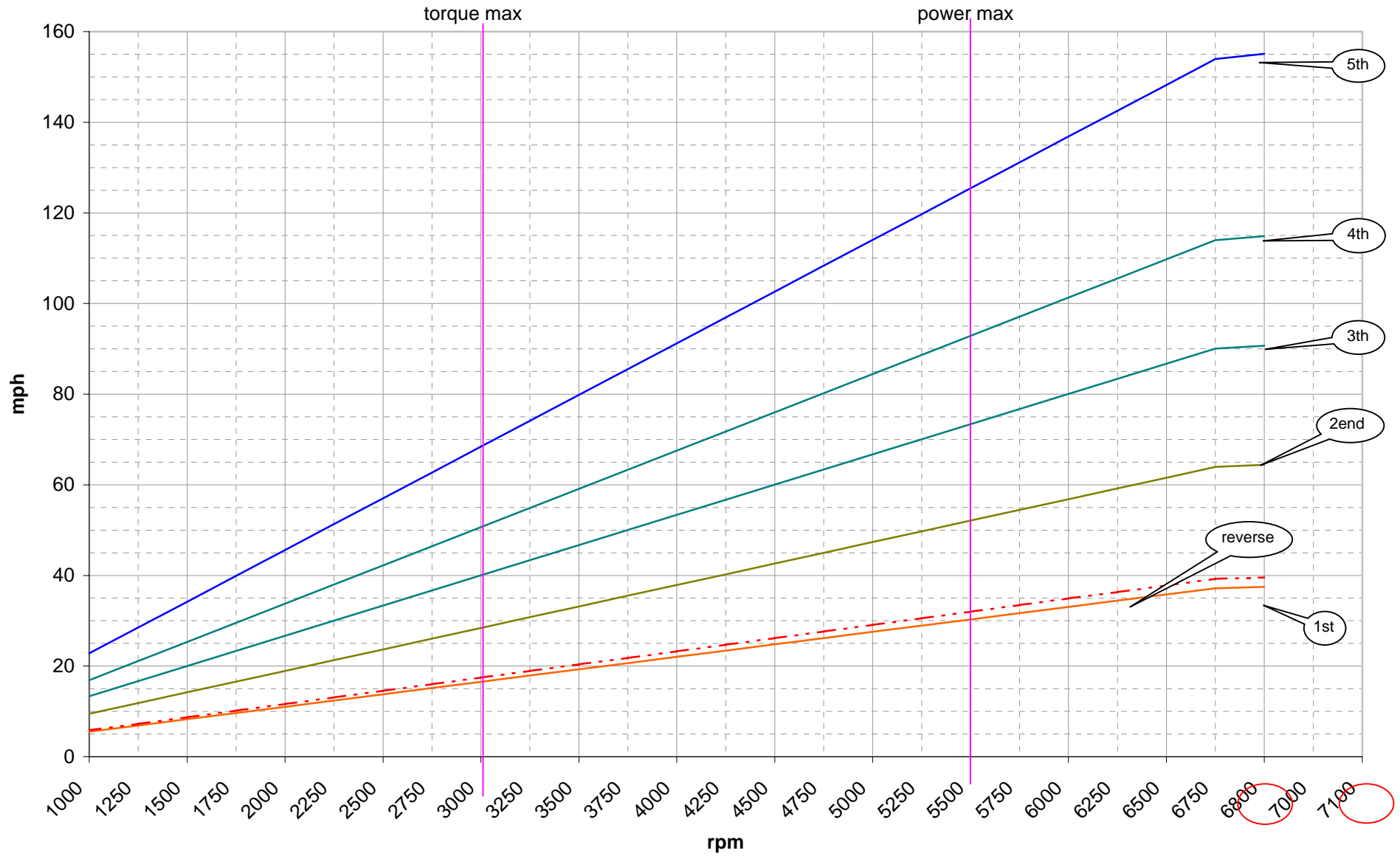
Speed in km/h at rpm

Diagramm compared mph



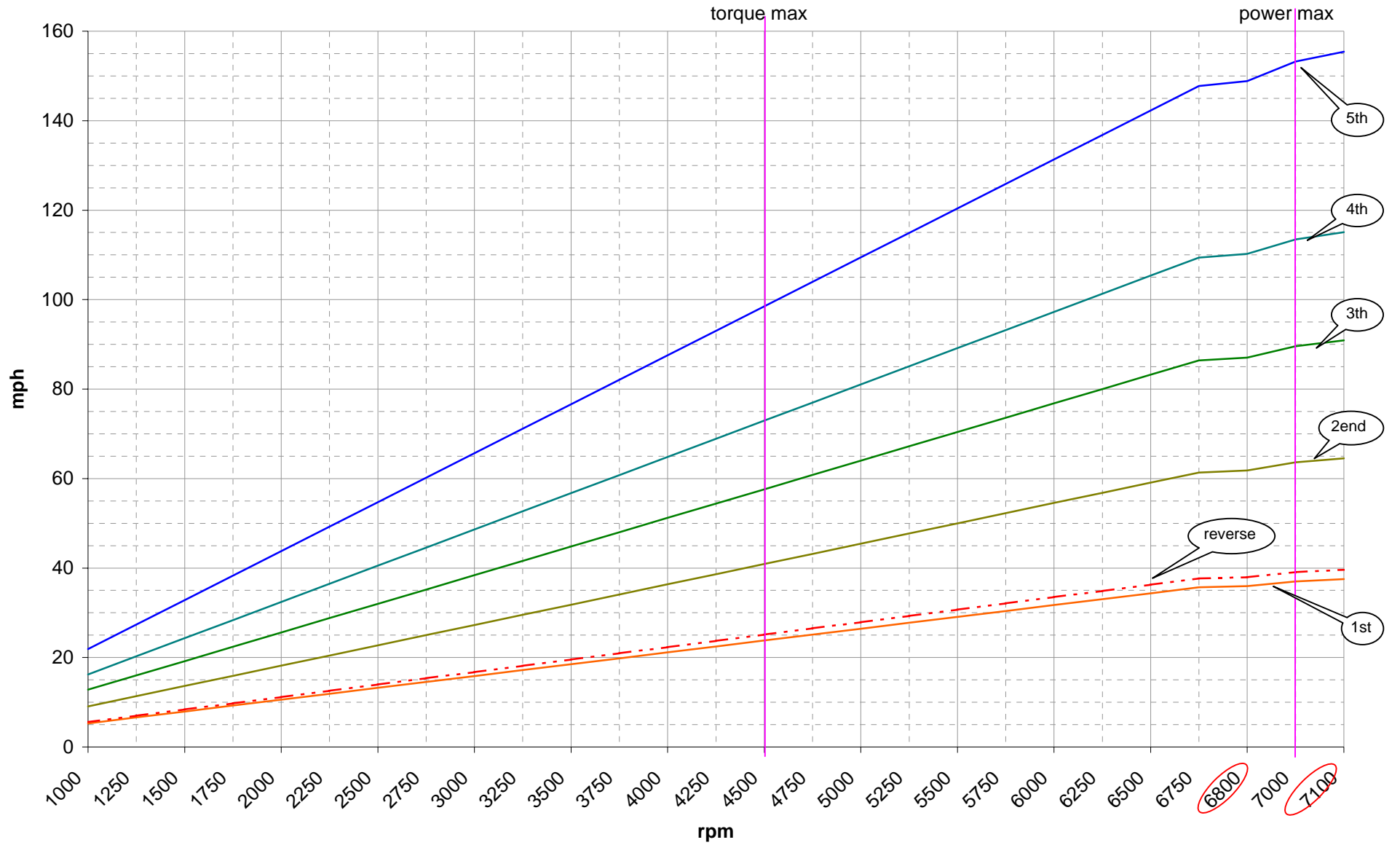
# Speed in km/h at rpm

## Diagramm MPI mph



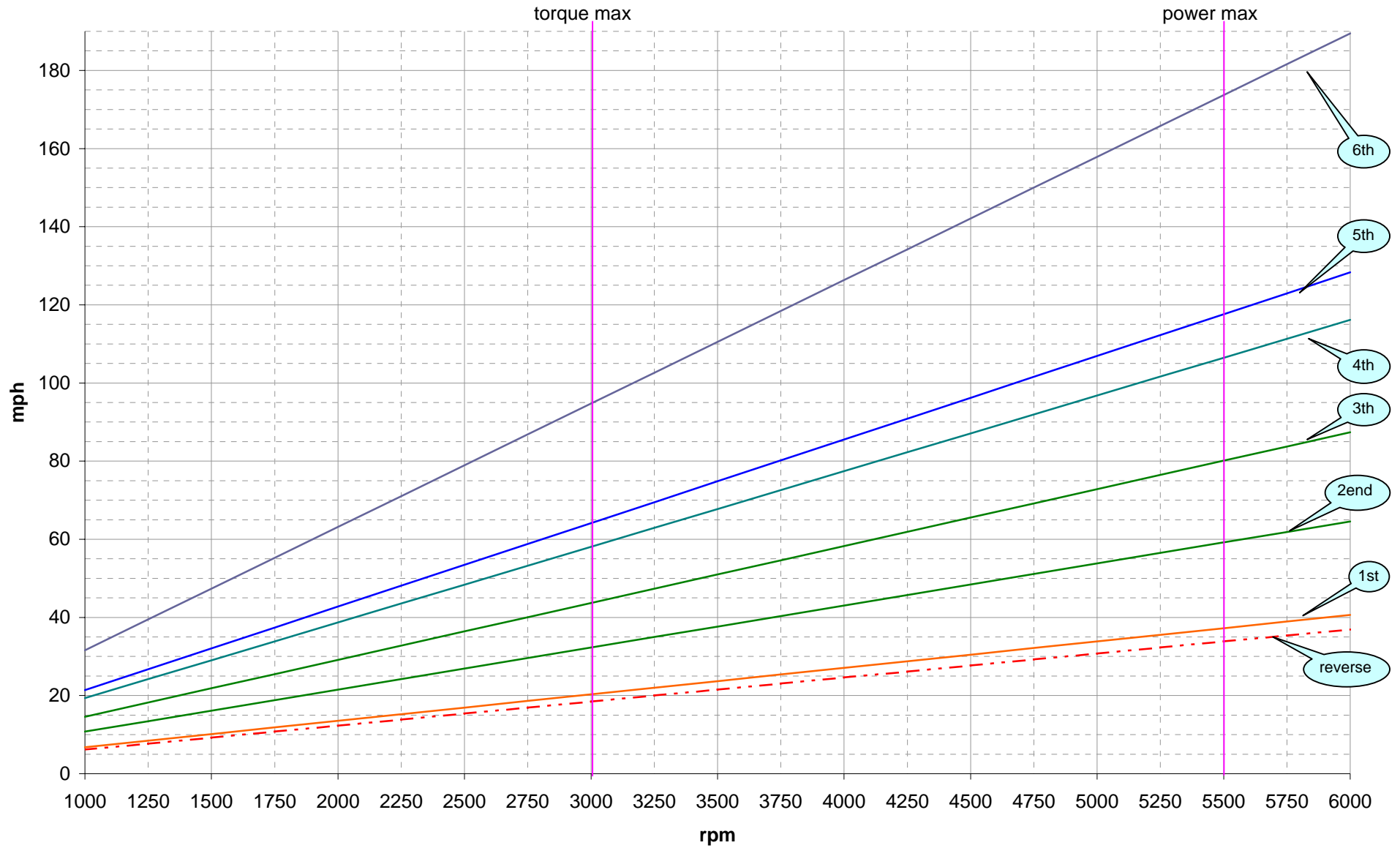
# Speed in km/h at rpm

## Diagramm VVC mph



# Speed in km/h at rpm

## Diagramm Steptronic mph





**Speed in km/h at rpm**

**Gears**

x:1	1. Gear	2. Gear	3. Gear	4. Gear	5. Gear	6. Gear	Revers	Gear	final drive	km/h per 100 rpm in 5th
MPI	3,167	1,842	1,308	1,033	0,765	n		3	3,938	33,6
VVC	3,167	1,842	1,308	1,033	0,765	n		3	4,05	33,4
Steptronic	2,416	1,52	1,123	0,845	0,765	0,518		2,658	4,2	35,4
B&G close ratio	2,923	1,75	1,307	1,033	0,842					

Speed in km/h at rpm

tyre

width	205	185	215	175	205	215	
high ratio	50	55	40	65	40	40	
rim dia Zoll	15	15	16	14	17	17	
tyre high [mm]	102,50	101,75	86,00	113,75	82,00	86,00	result from the high ratio of the tyre
rim dia [mm]	381,00	381,00	406,40	355,60	431,80	431,80	
total dia [mm]	586,00	584,50	578,40	583,10	595,80	603,80	rim dia plus two times the tyre high
roll length [mm]	1840,97	1836,26	1817,10	1831,86	1871,76	1896,89	in mm for one round / total dia multiplied with Pi
used on	MPI		VVC				
	Steptronic						

Speed in km/h at rpm

*speed*

rpm	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
MPI 1. km/h	8,86	11,07	13,29	15,50	17,71	19,93	22,14	24,36	26,57	28,78	31,00	33,21	35,43	37,64	39,86	42,07	44,28
MPI 2. km/h	15,23	19,03	22,84	26,65	30,46	34,26	38,07	41,88	45,68	49,49	53,30	57,10	60,91	64,72	68,52	72,33	76,14
MPI 3. km/h	21,44	26,81	32,17	37,53	42,89	48,25	53,61	58,97	64,33	69,69	75,06	80,42	85,78	91,14	96,50	101,86	107,22
MPI 4. km/h	27,15	33,94	40,73	47,52	54,31	61,09	67,88	74,67	81,46	88,25	95,04	101,82	108,61	115,40	122,19	128,98	135,77
MPI 5. km/h	36,67	45,83	55,00	64,17	73,33	82,50	91,66	100,83	110,00	119,16	128,33	137,50	146,66	155,83	165,00	174,16	183,33
<i>MPI rev. km/h</i>	<i>9,35</i>	<i>11,69</i>	<i>14,02</i>	<i>16,36</i>	<i>18,70</i>	<i>21,04</i>	<i>23,37</i>	<i>25,71</i>	<i>28,05</i>	<i>30,39</i>	<i>32,72</i>	<i>35,06</i>	<i>37,40</i>	<i>39,74</i>	<i>42,07</i>	<i>44,41</i>	<i>46,75</i>
VVC 1. km/h	8,50	10,63	12,75	14,88	17,00	19,13	21,25	23,38	25,50	27,63	29,75	31,88	34,00	36,13	38,25	40,38	42,50
VVC 2. km/h	14,61	18,27	21,92	25,58	29,23	32,88	36,54	40,19	43,84	47,50	51,15	54,80	58,46	62,11	65,77	69,42	73,07
VVC 3. km/h	20,58	25,73	30,87	36,02	41,16	46,31	51,45	56,60	61,74	66,89	72,03	77,18	82,32	87,47	92,61	97,76	102,91
VVC 4. km/h	26,06	32,57	39,09	45,60	52,12	58,63	65,15	71,66	78,18	84,69	91,21	97,72	104,24	110,75	117,27	123,78	130,30
VVC 5. km/h	35,19	43,99	52,78	61,58	70,38	79,18	87,97	96,77	105,57	114,37	123,16	131,96	140,76	149,56	158,35	167,15	175,95
<i>VVC rev. km/h</i>	<i>8,97</i>	<i>11,22</i>	<i>13,46</i>	<i>15,70</i>	<i>17,95</i>	<i>20,19</i>	<i>22,43</i>	<i>24,68</i>	<i>26,92</i>	<i>29,16</i>	<i>31,41</i>	<i>33,65</i>	<i>35,89</i>	<i>38,14</i>	<i>40,38</i>	<i>42,62</i>	<i>44,87</i>
step 1. km/h	10,89	13,61	16,33	19,05	21,77	24,49	27,21	29,94	32,66	35,38	38,10	40,82	43,54	46,26	48,99	51,71	54,43
step 2. km/h	17,30	21,63	25,95	30,28	34,60	38,93	43,26	47,58	51,91	56,23	60,56	64,88	69,21	73,54	77,86	82,19	86,51
step 3. km/h	23,42	29,27	35,13	40,98	46,84	52,69	58,55	64,40	70,26	76,11	81,97	87,82	93,68	99,53	105,39	111,24	117,10
step 4. km/h	31,12	38,90	46,69	54,47	62,25	70,03	77,81	85,59	93,37	101,15	108,93	116,71	124,50	132,28	140,06	147,84	155,62
step 5. km/h	34,38	42,97	51,57	60,16	68,76	77,35	85,95	94,54	103,14	111,73	120,33	128,92	137,51	146,11	154,70	163,30	171,89
step 6. km/h	50,77	63,46	76,16	88,85	101,54	114,24	126,93	139,62	152,31	165,01	177,70	190,39	203,09	215,78	228,47	241,16	253,86
<i>step rev. km/h</i>	<i>9,89</i>	<i>12,37</i>	<i>14,84</i>	<i>17,32</i>	<i>19,79</i>	<i>22,26</i>	<i>24,74</i>	<i>27,21</i>	<i>29,68</i>	<i>32,16</i>	<i>34,63</i>	<i>37,10</i>	<i>39,58</i>	<i>42,05</i>	<i>44,53</i>	<i>47,00</i>	<i>49,47</i>

Speed in km/h at rpm

*speed*

rpm	5250	5500	5750	6000	6250	6500	6750	6800	7000	7100
MPI 1. km/h	46,50	48,71	50,93	53,14	55,35	57,57	59,78	60,23		
MPI 2. km/h	79,95	83,75	87,56	91,37	95,17	98,98	102,79	103,55		
MPI 3. km/h	112,58	117,94	123,31	128,67	134,03	139,39	144,75	145,82		
MPI 4. km/h	142,55	149,34	156,13	162,92	169,71	176,50	183,28	184,64		
MPI 5. km/h	192,50	201,66	210,83	220,00	229,16	238,33	247,49	249,33		
<i>MPI rev. km/h</i>	<i>49,09</i>	<i>51,42</i>	<i>53,76</i>	<i>56,10</i>	<i>58,44</i>	<i>60,77</i>	<i>63,11</i>	<i>63,58</i>		
VVC 1. km/h	44,63	46,75	48,88	51,00	53,13	55,25	57,38	57,80	59,50	60,35
VVC 2. km/h	76,73	80,38	84,03	87,69	91,34	94,99	98,65	99,38	102,30	103,76
VVC 3. km/h	108,05	113,20	118,34	123,49	128,63	133,78	138,92	139,95	144,07	146,13
VVC 4. km/h	136,81	143,33	149,84	156,36	162,87	169,39	175,90	177,21	182,42	185,03
VVC 5. km/h	184,74	193,54	202,34	211,14	219,93	228,73	237,53	239,29	246,33	249,85
<i>VVC rev. km/h</i>	<i>47,11</i>	<i>49,35</i>	<i>51,60</i>	<i>53,84</i>	<i>56,08</i>	<i>58,33</i>	<i>60,57</i>	<i>61,02</i>	<i>62,81</i>	<i>63,71</i>
step 1. km/h	57,15	59,87	62,59	65,31						
step 2. km/h	90,84	95,16	99,49	103,81						
step 3. km/h	122,95	128,80	134,66	140,51						
step 4. km/h	163,40	171,18	178,96	186,74						
step 5. km/h	180,49	189,08	197,68	206,27						
step 6. km/h	266,55	279,24	291,94	304,63						
<i>step rev. km/h</i>	<i>51,95</i>	<i>54,42</i>	<i>56,89</i>	<i>59,37</i>						

**Speed in km/h at rpm**

***speed mph***

rpm	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
MPI 1. mph	5,51	6,89	8,26	9,64	11,02	12,40	13,77	15,15	16,53	17,90	19,28	20,66	22,04	23,41	24,79	26,17	27,54
MPI 2. mph	9,47	11,84	14,21	16,58	18,94	21,31	23,68	26,05	28,41	30,78	33,15	35,52	37,89	40,25	42,62	44,99	47,36
MPI 3. mph	13,34	16,67	20,01	23,34	26,68	30,01	33,35	36,68	40,02	43,35	46,68	50,02	53,35	56,69	60,02	63,36	66,69
MPI 4. mph	16,89	21,11	25,33	29,56	33,78	38,00	42,22	46,45	50,67	54,89	59,11	63,34	67,56	71,78	76,00	80,22	84,45
MPI 5. mph	22,81	28,51	34,21	39,91	45,61	51,31	57,02	62,72	68,42	74,12	79,82	85,52	91,22	96,93	102,63	108,33	114,03
<i>MPI rev. mph</i>	5,82	7,27	8,72	10,18	11,63	13,09	14,54	15,99	17,45	18,90	20,35	21,81	23,26	24,72	26,17	27,62	29,08
VVC 1. mph	5,29	6,61	7,93	9,25	10,57	11,90	13,22	14,54	15,86	17,18	18,50	19,83	21,15	22,47	23,79	25,11	26,44
VVC 2. mph	9,09	11,36	13,64	15,91	18,18	20,45	22,73	25,00	27,27	29,54	31,82	34,09	36,36	38,63	40,91	43,18	45,45
VVC 3. mph	12,80	16,00	19,20	22,40	25,60	28,80	32,00	35,20	38,40	41,60	44,80	48,01	51,21	54,41	57,61	60,81	64,01
VVC 4. mph	16,21	20,26	24,31	28,37	32,42	36,47	40,52	44,58	48,63	52,68	56,73	60,78	64,84	68,89	72,94	76,99	81,05
VVC 5. mph	21,89	27,36	32,83	38,30	43,78	49,25	54,72	60,19	65,66	71,14	76,61	82,08	87,55	93,02	98,50	103,97	109,44
<i>VVC rev. mph</i>	5,58	6,98	8,37	9,77	11,16	12,56	13,95	15,35	16,74	18,14	19,53	20,93	22,33	23,72	25,12	26,51	27,91
step 1. mph	6,77	8,46	10,16	11,85	13,54	15,23	16,93	18,62	20,31	22,01	23,70	25,39	27,08	28,78	30,47	32,16	33,85
step 2. mph	10,76	13,45	16,14	18,83	21,52	24,21	26,91	29,60	32,29	34,98	37,67	40,36	43,05	45,74	48,43	51,12	53,81
step 3. mph	14,57	18,21	21,85	25,49	29,13	32,77	36,42	40,06	43,70	47,34	50,98	54,62	58,27	61,91	65,55	69,19	72,83
step 4. mph	19,36	24,20	29,04	33,88	38,72	43,56	48,40	53,24	58,08	62,92	67,76	72,60	77,44	82,28	87,12	91,96	96,80
step 5. mph	21,38	26,73	32,08	37,42	42,77	48,11	53,46	58,80	64,15	69,50	74,84	80,19	85,53	90,88	96,23	101,57	106,92
step 6. mph	31,58	39,47	47,37	55,26	63,16	71,05	78,95	86,84	94,74	102,63	110,53	118,42	126,32	134,21	142,11	150,00	157,90
<i>step rev. mph</i>	6,15	7,69	9,23	10,77	12,31	13,85	15,39	16,92	18,46	20,00	21,54	23,08	24,62	26,16	27,69	29,23	30,77

Speed in km/h at rpm

*speed mph*

rpm	5250	5500	5750	6000	6250	6500	6750	6800	7000	7100
MPI 1. mph	28,92	30,30	31,68	33,05	34,43	35,81	37,19	37,46		
MPI 2. mph	49,73	52,09	54,46	56,83	59,20	61,57	63,93	64,41		
MPI 3. mph	70,03	73,36	76,70	80,03	83,37	86,70	90,03	90,70		
MPI 4. mph	88,67	92,89	97,11	101,34	105,56	109,78	114,00	114,85		
MPI 5. mph	119,73	125,43	131,14	136,84	142,54	148,24	153,94	155,08		
<i>MPI rev. mph</i>	30,53	31,99	33,44	34,89	36,35	37,80	39,26	39,55		
VVC 1. mph	27,76	29,08	30,40	31,72	33,04	34,37	35,69	35,95	37,01	37,54
VVC 2. mph	47,72	50,00	52,27	54,54	56,81	59,09	61,36	61,81	63,63	64,54
VVC 3. mph	67,21	70,41	73,61	76,81	80,01	83,21	86,41	87,05	89,61	90,89
VVC 4. mph	85,10	89,15	93,20	97,26	101,31	105,36	109,41	110,22	113,47	115,09
VVC 5. mph	114,91	120,38	125,86	131,33	136,80	142,27	147,74	148,84	153,22	155,40
<i>VVC rev. mph</i>	29,30	30,70	32,09	33,49	34,88	36,28	37,67	37,95	39,07	39,63
step 1. mph	35,55	37,24	38,93	40,63						
step 2. mph	56,50	59,19	61,88	64,57						
step 3. mph	76,47	80,12	83,76	87,40						
step 4. mph	101,63	106,47	111,31	116,15						
step 5. mph	112,26	117,61	122,96	128,30						
step 6. mph	165,79	173,69	181,58	189,48						
<i>step rev. mph</i>	32,31	33,85	35,39	36,93						