



Personenwagen (verschiedene Fahrbahnzustände)											
Geschwindigkeit in Abhängigkeit der Bremsspurlänge (20-100km/h)											
Geschwindigkeit bei Spurzeichnungsbeginn		trockener Asphaltbelag [m/s ²]									
		Schnee [m/s ²]			feuchter/nasser Asphaltbelag [m/s ²]						
		2.5	3	3.5	5.5	6	6.5	7	7.5	8	8.5
km/h	m/s	Bremsspurlänge auf den verschiedenen Fahrbahnbeschaffenheiten									
20	5.6	6.2 m	5.1 m	4.4 m	2.8 m	2.6 m	2.4 m	2.2 m	2.1 m	1.9 m	1.8 m
22	6.1	7.5 m	6.2 m	5.3 m	3.4 m	3.1 m	2.9 m	2.7 m	2.5 m	2.3 m	2.2 m
24	6.7	8.9 m	7.4 m	6.3 m	4.0 m	3.7 m	3.4 m	3.2 m	3.0 m	2.8 m	2.6 m
26	7.2	10.4 m	8.7 m	7.5 m	4.7 m	4.3 m	4.0 m	3.7 m	3.5 m	3.3 m	3.1 m
28	7.8	12.1 m	10.1 m	8.6 m	5.5 m	5.0 m	4.7 m	4.3 m	4.0 m	3.8 m	3.6 m
30	8.3	13.9 m	11.6 m	9.9 m	6.3 m	5.8 m	5.3 m	5.0 m	4.6 m	4.3 m	4.1 m
32	8.9	15.8 m	13.2 m	11.3 m	7.2 m	6.6 m	6.1 m	5.6 m	5.3 m	4.9 m	4.6 m
34	9.4	17.8 m	14.9 m	12.7 m	8.1 m	7.4 m	6.9 m	6.4 m	5.9 m	5.6 m	5.2 m
36	10.0	20.0 m	16.7 m	14.3 m	9.1 m	8.3 m	7.7 m	7.1 m	6.7 m	6.3 m	5.9 m
38	10.6	22.3 m	18.6 m	15.9 m	10.1 m	9.3 m	8.6 m	8.0 m	7.4 m	7.0 m	6.6 m
40	11.1	24.7 m	20.6 m	17.6 m	11.2 m	10.3 m	9.5 m	8.8 m	8.2 m	7.7 m	7.3 m
42	11.7	27.2 m	22.7 m	19.4 m	12.4 m	11.3 m	10.5 m	9.7 m	9.1 m	8.5 m	8.0 m
44	12.2	29.9 m	24.9 m	21.3 m	13.6 m	12.4 m	11.5 m	10.7 m	10.0 m	9.3 m	8.8 m
46	12.8	32.7 m	27.2 m	23.3 m	14.8 m	13.6 m	12.6 m	11.7 m	10.9 m	10.2 m	9.6 m
48	13.3	35.6 m	29.6 m	25.4 m	16.2 m	14.8 m	13.7 m	12.7 m	11.9 m	11.1 m	10.5 m
50	13.9	38.6 m	32.2 m	27.6 m	17.5 m	16.1 m	14.8 m	13.8 m	12.9 m	12.1 m	11.3 m
52	14.4	41.7 m	34.8 m	29.8 m	19.0 m	17.4 m	16.0 m	14.9 m	13.9 m	13.0 m	12.3 m
54	15.0	45.0 m	37.5 m	32.1 m	20.5 m	18.8 m	17.3 m	16.1 m	15.0 m	14.1 m	13.2 m
56	15.6	48.4 m	40.3 m	34.6 m	22.0 m	20.2 m	18.6 m	17.3 m	16.1 m	15.1 m	14.2 m
58	16.1	51.9 m	43.3 m	37.1 m	23.6 m	21.6 m	20.0 m	18.5 m	17.3 m	16.2 m	15.3 m
60	16.7	55.6 m	46.3 m	39.7 m	25.3 m	23.1 m	21.4 m	19.8 m	18.5 m	17.4 m	16.3 m
62	17.2	59.3 m	49.4 m	42.4 m	27.0 m	24.7 m	22.8 m	21.2 m	19.8 m	18.5 m	17.4 m
64	17.8	63.2 m	52.7 m	45.1 m	28.7 m	26.3 m	24.3 m	22.6 m	21.1 m	19.8 m	18.6 m
66	18.3	67.2 m	56.0 m	48.0 m	30.6 m	28.0 m	25.9 m	24.0 m	22.4 m	21.0 m	19.8 m
68	18.9	71.4 m	59.5 m	51.0 m	32.4 m	29.7 m	27.4 m	25.5 m	23.8 m	22.3 m	21.0 m
70	19.4	75.6 m	63.0 m	54.0 m	34.4 m	31.5 m	29.1 m	27.0 m	25.2 m	23.6 m	22.2 m
72	20.0	80.0 m	66.7 m	57.1 m	36.4 m	33.3 m	30.8 m	28.6 m	26.7 m	25.0 m	23.5 m
74	20.6	84.5 m	70.4 m	60.4 m	38.4 m	35.2 m	32.5 m	30.2 m	28.2 m	26.4 m	24.9 m
76	21.1	89.1 m	74.3 m	63.7 m	40.5 m	37.1 m	34.3 m	31.8 m	29.7 m	27.9 m	26.2 m
78	21.7	93.9 m	78.2 m	67.1 m	42.7 m	39.1 m	36.1 m	33.5 m	31.3 m	29.3 m	27.6 m
80	22.2	98.8 m	82.3 m	70.5 m	44.9 m	41.2 m	38.0 m	35.3 m	32.9 m	30.9 m	29.0 m
82	22.8	103.8 m	86.5 m	74.1 m	47.2 m	43.2 m	39.9 m	37.1 m	34.6 m	32.4 m	30.5 m
84	23.3	108.9 m	90.7 m	77.8 m	49.5 m	45.4 m	41.9 m	38.9 m	36.3 m	34.0 m	32.0 m
86	23.9	114.1 m	95.1 m	81.5 m	51.9 m	47.6 m	43.9 m	40.8 m	38.0 m	35.7 m	33.6 m
88	24.4	119.5 m	99.6 m	85.4 m	54.3 m	49.8 m	46.0 m	42.7 m	39.8 m	37.3 m	35.1 m
90	25.0	125.0 m	104.2 m	89.3 m	56.8 m	52.1 m	48.1 m	44.6 m	41.7 m	39.1 m	36.8 m
92	25.6	130.6 m	108.8 m	93.3 m	59.4 m	54.4 m	50.2 m	46.6 m	43.5 m	40.8 m	38.4 m
94	26.1	136.4 m	113.6 m	97.4 m	62.0 m	56.8 m	52.4 m	48.7 m	45.5 m	42.6 m	40.1 m
96	26.7	142.2 m	118.5 m	101.6 m	64.6 m	59.3 m	54.7 m	50.8 m	47.4 m	44.4 m	41.8 m
98	27.2	148.2 m	123.5 m	105.9 m	67.4 m	61.8 m	57.0 m	52.9 m	49.4 m	46.3 m	43.6 m
100	27.8	154.3 m	128.6 m	110.2 m	70.1 m	64.3 m	59.4 m	55.1 m	51.4 m	48.2 m	45.4 m

Diese Tabelle kann nur angewendet werden, wenn die Spurzeichnung bis in den Stillstand führt. Für die Ausgangsgeschwindigkeit wäre noch die während der Schwellphase (Beginn der Verzögerung bis zum Erreichen der mittleren Vollverzögerung, 0.2s) abgebaute Geschwindigkeit zu addieren. Beispiel: Spurlänge (s) 16.1m, Verzögerung (a) 7.5 m/s², Schwellzeit (t_s) 0.2s ==> Geschwindigkeit bei Spurbeginn: 56km/h. Berechnung der Ausgangsgeschwindigkeit: v₀ = v+(t_s*0.5*a)=15.6+(0.2*3.75)=16.35m/s ==> 58.9km/h =~59km/h



Personenwagen (verschiedene Fahrbahnzustände)											
Geschwindigkeit in Abhängigkeit der Bremspurlänge (100-180km/h)											
Geschwindigkeit bei Spurzeichnungsbeginn		trockener Asphaltbelag [m/s ²]									
		Schnee [m/s ²]			feuchter/nasser Asphaltbelag [m/s ²]						
		2.5	3	3.5	5.5	6	6.5	7	7.5	8	8.5
km/h	m/s	Bremspurlänge auf den verschiedenen Fahrbahnbeschaffenheiten									
100	27.8	154.3 m	128.6 m	110.2 m	70.1 m	64.3 m	59.4 m	55.1 m	51.4 m	48.2 m	45.4 m
102	28.3	160.6 m	133.8 m	114.7 m	73.0 m	66.9 m	61.8 m	57.3 m	53.5 m	50.2 m	47.2 m
104	28.9	166.9 m	139.1 m	119.2 m	75.9 m	69.5 m	64.2 m	59.6 m	55.6 m	52.2 m	49.1 m
106	29.4	173.4 m	144.5 m	123.9 m	78.8 m	72.2 m	66.7 m	61.9 m	57.8 m	54.2 m	51.0 m
108	30.0	180.0 m	150.0 m	128.6 m	81.8 m	75.0 m	69.2 m	64.3 m	60.0 m	56.3 m	52.9 m
110	30.6	186.7 m	155.6 m	133.4 m	84.9 m	77.8 m	71.8 m	66.7 m	62.2 m	58.4 m	54.9 m
112	31.1	193.6 m	161.3 m	138.3 m	88.0 m	80.7 m	74.5 m	69.1 m	64.5 m	60.5 m	56.9 m
114	31.7	200.6 m	167.1 m	143.3 m	91.2 m	83.6 m	77.1 m	71.6 m	66.9 m	62.7 m	59.0 m
116	32.2	207.7 m	173.0 m	148.3 m	94.4 m	86.5 m	79.9 m	74.2 m	69.2 m	64.9 m	61.1 m
118	32.8	214.9 m	179.1 m	153.5 m	97.7 m	89.5 m	82.6 m	76.7 m	71.6 m	67.1 m	63.2 m
120	33.3	222.2 m	185.2 m	158.7 m	101.0 m	92.6 m	85.5 m	79.4 m	74.1 m	69.4 m	65.4 m
122	33.9	229.7 m	191.4 m	164.1 m	104.4 m	95.7 m	88.3 m	82.0 m	76.6 m	71.8 m	67.6 m
124	34.4	237.3 m	197.7 m	169.5 m	107.9 m	98.9 m	91.3 m	84.7 m	79.1 m	74.2 m	69.8 m
126	35.0	245.0 m	204.2 m	175.0 m	111.4 m	102.1 m	94.2 m	87.5 m	81.7 m	76.6 m	72.1 m
128	35.6	252.8 m	210.7 m	180.6 m	114.9 m	105.3 m	97.2 m	90.3 m	84.3 m	79.0 m	74.4 m
130	36.1	260.8 m	217.3 m	186.3 m	118.5 m	108.7 m	100.3 m	93.1 m	86.9 m	81.5 m	76.7 m
132	36.7	268.9 m	224.1 m	192.1 m	122.2 m	112.0 m	103.4 m	96.0 m	89.6 m	84.0 m	79.1 m
134	37.2	277.1 m	230.9 m	197.9 m	126.0 m	115.5 m	106.6 m	99.0 m	92.4 m	86.6 m	81.5 m
136	37.8	285.4 m	237.9 m	203.9 m	129.7 m	118.9 m	109.8 m	101.9 m	95.1 m	89.2 m	84.0 m
138	38.3	293.9 m	244.9 m	209.9 m	133.6 m	122.5 m	113.0 m	105.0 m	98.0 m	91.8 m	86.4 m
140	38.9	302.5 m	252.1 m	216.0 m	137.5 m	126.0 m	116.3 m	108.0 m	100.8 m	94.5 m	89.0 m
142	39.4	311.2 m	259.3 m	222.3 m	141.4 m	129.7 m	119.7 m	111.1 m	103.7 m	97.2 m	91.5 m
144	40.0	320.0 m	266.7 m	228.6 m	145.5 m	133.3 m	123.1 m	114.3 m	106.7 m	100.0 m	94.1 m
146	40.6	329.0 m	274.1 m	235.0 m	149.5 m	137.1 m	126.5 m	117.5 m	109.7 m	102.8 m	96.8 m
148	41.1	338.0 m	281.7 m	241.4 m	153.6 m	140.8 m	130.0 m	120.7 m	112.7 m	105.6 m	99.4 m
150	41.7	347.2 m	289.4 m	248.0 m	157.8 m	144.7 m	133.5 m	124.0 m	115.7 m	108.5 m	102.1 m
152	42.2	356.5 m	297.1 m	254.7 m	162.1 m	148.6 m	137.1 m	127.3 m	118.8 m	111.4 m	104.9 m
154	42.8	366.0 m	305.0 m	261.4 m	166.4 m	152.5 m	140.8 m	130.7 m	122.0 m	114.4 m	107.6 m
156	43.3	375.6 m	313.0 m	268.3 m	170.7 m	156.5 m	144.4 m	134.1 m	125.2 m	117.4 m	110.5 m
158	43.9	385.2 m	321.0 m	275.2 m	175.1 m	160.5 m	148.2 m	137.6 m	128.4 m	120.4 m	113.3 m
160	44.4	395.1 m	329.2 m	282.2 m	179.6 m	164.6 m	151.9 m	141.1 m	131.7 m	123.5 m	116.2 m
162	45.0	405.0 m	337.5 m	289.3 m	184.1 m	168.8 m	155.8 m	144.6 m	135.0 m	126.6 m	119.1 m
164	45.6	415.1 m	345.9 m	296.5 m	188.7 m	172.9 m	159.6 m	148.2 m	138.4 m	129.7 m	122.1 m
166	46.1	425.2 m	354.4 m	303.7 m	193.3 m	177.2 m	163.6 m	151.9 m	141.7 m	132.9 m	125.1 m
168	46.7	435.6 m	363.0 m	311.1 m	198.0 m	181.5 m	167.5 m	155.6 m	145.2 m	136.1 m	128.1 m
170	47.2	446.0 m	371.7 m	318.6 m	202.7 m	185.8 m	171.5 m	159.3 m	148.7 m	139.4 m	131.2 m
172	47.8	456.5 m	380.5 m	326.1 m	207.5 m	190.2 m	175.6 m	163.1 m	152.2 m	142.7 m	134.3 m
174	48.3	467.2 m	389.4 m	333.7 m	212.4 m	194.7 m	179.7 m	166.9 m	155.7 m	146.0 m	137.4 m
176	48.9	478.0 m	398.4 m	341.4 m	217.3 m	199.2 m	183.9 m	170.7 m	159.3 m	149.4 m	140.6 m
178	49.4	489.0 m	407.5 m	349.3 m	222.3 m	203.7 m	188.1 m	174.6 m	163.0 m	152.8 m	143.8 m
180	50.0	500.0 m	416.7 m	357.1 m	227.3 m	208.3 m	192.3 m	178.6 m	166.7 m	156.3 m	147.1 m