

GECO

DISCLAIMER OF LIABILITY



KINDLY TAKE NOTE OF THE FOLLOWING DISCLAIMER OF LIABILITY WHEN USING THIS DATA!

Use of the loading data is exclusively at your own risk.

It is well known that the ballistic values of a cartridge – of which some will be relevant to safety – depend on the dimensions of the individual firearm, the quality of components used and the various environmental influences.

This information is provided entirely without liability, as we have no control over the circumstances of storage, processing, use, load, additional factors affecting use of the powder, careful selection of other components or the condition of the firearm itself. Moreover, each reloader must ensure, on their own responsibility, that the tools, equipment, other utensils and ammunition components (bullet, cartridge case, powder and primer) they use are in a flawless condition.

For these understandable reasons, we repeatedly and explicitly point out that no liability is assumed for use of this data.

Please take note furthermore that there has been amendment in the ammunition proofing legislation (BescvhG) that stipulates a switch in measuring method using crusher cylinders made of copper to piezoelectric pressure sensors (“quartz”). Due to the different measuring methods, the maximum admissible gas pressures that currently apply are not directly comparable with the values in the “Blue Reloading Book”.

We therefore recommend that you follow the recommendation that is consistently provided elsewhere and gradually approach the newly defined maximum admissible gas pressure by beginning with an initial load that is around 5% below the stated maximum charge (0.03 gram/approx. 0.5 grain increments for rifle cartridges; 0.005 gram/approx. 0.1 grain increments for handgun cartridges).

Always be aware of any indications of excessive gas pressure. It may also be advisable to have the gas pressure of your individual load checked by a competent proofing offices or by DEVA, the German Experimental and Test Institute for Hunting and Sporting Firearms.

The currently valid maximum admissible gas pressures and dimensions are listed online in the CIP Tables of Dimensions and are available for public access.

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GECO RELOADING DATA

No.	Calibre	Diameter [mm inch]	Bullet type	Bullet weight [g gr]	Powder manufacturer powder type	Max. powder mass [g gr]	Min. powder mass [g gr]	Primer cap type	Primer cap manufacturer	Primer cap model	Case manufacturer	L6 [mm]	For max. load v3 [m/s]
1	.243 Win.	6 .243	TMR	6,80 105	Rottweil R907	2,430 37,5	2,330 36,0	LR	RWS	5341	RWS	68,00	870
2	.243 Win.	6 .243	TMR	6,80 105	Rottweil R904	2,660 41,0	2,590 40,0	LR	RWS	5341	RWS	68,00	880
3	.243 Win.	6 .243	TMR	6,80 105	Rottweil R905	2,850 44,0	2,790 43,0	LR	RWS	5341	RWS	68,00	890
4	6,5 x 55 SE	6,5 .264	PLUS	10,10 156	Rottweil R905	2,916 45,0	2,722 42,0	LRM	RWS	5333	RWS	78,00	728
5	6,5 x 57	6,5 .264	PLUS	10,10 156	Rottweil R905	2,981 46,0	2,786 43,0	LRM	RWS	5333	RWS	76,50	724
6	6,5 x 57 R	6,5 .264	PLUS	10,10 156	Rottweil R905	2,786 43,0	2,592 40,0	LR	RWS	5341	RWS	76,50	668
7	6,5 x 68	6,5 .264	PLUS	10,10 156	Rottweil R905	4,018 62,0	3,888 60,0	LRM	RWS	5333	RWS	85,00	842
8	7 x 57	7 .284	PLUS	11,00 170	Rottweil R904	3,046 47,0	2,851 44,0	LR	RWS	5341	RWS	75,50	746
9	7 x 57	7 .284	TMR	10,70 165	Rottweil R903	2,820 43,5	2,660 41,0	LR	RWS	5341	RWS	76,00	760
10	7 x 57	7 .284	TMR	10,70 165	Rottweil R907	2,920 45,0	2,850 44,0	LR	RWS	5341	RWS	76,00	770
11	7 x 57	7 .284	TMR	10,70 165	Rottweil R904	3,110 48,0	3,010 46,5	LR	RWS	5341	RWS	76,00	780
12	7 x 57 R	7 .284	PLUS	11,00 170	Rottweil R904	2,981 46,0	2,786 43,0	LR	RWS	5341	RWS	75,50	716
13	7 x 57 R	7 .284	TMR	10,70 165	Rottweil R903	2,660 41,0	2,490 38,5	LR	RWS	5341	RWS	76,00	735
14	7 x 57 R	7 .284	TMR	10,70 165	Rottweil R907	2,750 42,5	2,660 41,0	LR	RWS	5341	RWS	76,00	740
15	7 x 57 R	7 .284	TMR	10,70 165	Rottweil R904	2,980 46,0	2,880 44,5	LR	RWS	5341	RWS	76,00	760
16	7 x 64	7 .284	PLUS	11,00 170	Rottweil R905	3,564 55,0	3,370 52,0	LRM	RWS	5333	RWS	82,00	779
17	7 x 64	7 .284	TMR	10,70 165	Rottweil R907	3,300 51,0	3,080 47,5	LRM	RWS	5333	RWS	84,00	830
18	7 x 64	7 .284	TMR	10,70 165	Rottweil R904	3,530 54,5	3,400 52,5	LRM	RWS	5333	RWS	84,00	835
19	7 x 64	7 .284	TMR	10,70 165	Rottweil R905	3,690 57,0	3,560 55,0	LRM	RWS	5333	RWS	84,00	845
20	7 x 65 R	7 .284	PLUS	11,00 170	Rottweil R905	3,532 54,5	3,370 52,0	LR	RWS	5341	RWS	82,50	757

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No.	Calibre	Diameter [mm inch]	Bullet type	Bullet weight [g gr]	Powder manufacturer powder type	Max. powder mass [g gr]	Min. powder mass [g gr]	Primer cap type	Primer cap manufacturer	Primer cap model	Case manufacturer	L6 [mm]	For max. load v3 [m/s]
21	7 x 65 R	7 .284	TMR	10,70 165	Rottweil R907	3,180 49,0	3,050 47,0	LR	RWS	5341	RWS	83,60	790
22	7 x 65 R	7 .284	TMR	10,70 165	Rottweil R904	3,430 53,0	3,340 51,5	LR	RWS	5341	RWS	83,60	810
23	7 x 65 R	7 .284	TMR	10,70 165	Rottweil R905	3,500 54,0	3,430 53,0	LRM	RWS	5333	RWS	83,60	780
24	7mm Rem. Mag.	7 .284	PLUS	11,00 170	Rottweil R905	4,147 64,0	3,953 61,0	LRM	RWS	5333	RWS	82,00	845
25	7mm Rem. Mag.	7 .284	TMR	10,70 165	Rottweil R907	3,790 58,5	3,660 56,5	LRM	RWS	5333	RWS	79,00	880
26	7mm Rem. Mag.	7 .284	TMR	10,70 165	Rottweil R904	3,990 61,5	3,860 59,5	LRM	RWS	5333	RWS	79,00	885
27	7mm Rem. Mag.	7 .284	TMR	10,70 165	Rottweil R905	4,210 65,0	4,050 62,5	LRM	RWS	5333	RWS	79,00	895
28	.308 Win.	7,62 .308	PLUS	11,00 170	Rottweil R902	2,754 42,5	2,592 40,0	LR	RWS	5341	RWS	68,00	793
29	.308 Win.	7,62 .308	PLUS	11,00 170	Rottweil R903	3,175 49,0	2,981 46,0	LR	RWS	5341	RWS	68,00	826
30	.308 Win.	7,62 .308	TMR	11,00 170	Rottweil R903	3,010 46,5	2,850 44,0	LR	RWS	5341	RWS	71,00	805
31	.308 Win.	7,62 .308	TMR	11,00 170	Rottweil R907	3,050 47,0	2,920 45,0	LR	RWS	5341	RWS	71,00	790
32	.308 Win.	7,62 .308	ZERO	8,80 136	Rottweil R902	2,786 43,0	2,592 40,0	LR	RWS	5341	RWS	71,00	863
33	.30-06 Sprg.	7,62 .308	PLUS	11,00 170	Rottweil R907	3,370 52,0	3,175 49,0	LR	RWS	5341	RWS	80,00	821
34	.30-06 Sprg.	7,62 .308	TMR	11,00 170	Rottweil R903	3,310 51,0	3,180 49,0	LR	RWS	5341	RWS	80,00	835
35	.30-06 Sprg.	7,62 .308	TMR	11,00 170	Rottweil R907	3,430 53,0	3,310 51,0	LR	RWS	5341	RWS	80,00	840
36	.30-06 Sprg.	7,62 .308	TMR	11,00 170	Rottweil R904	3,690 57,0	3,530 54,5	LR	RWS	5341	RWS	80,00	855
37	.30-06 Sprg.	7,62 .308	EXPR ESS	10,70 165	Rottweil R904	3,920 60,5	3,694 57,0	LR	RWS	5341	RWS	82,00	862
38	.30-06 Sprg.	7,62 .308	ZERO	8,80 136	Rottweil R903	3,726 57,5	3,499 54,0	LR	RWS	5341	RWS	78,75	923
39	.30 R Blaser	7,62 .308	PLUS	11,00 170	Rottweil R905	4,277 66,0	4,082 63,0	LRM	RWS	5333	RWS	85,00	835
40	.30 R Blaser	7,62 .308	TMR	11,00 170	Rottweil R907	3,790 58,5	3,700 57,1	LR	RWS	5341	RWS	88,50	865

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No.	Calibre	Diameter [mm inch]	Bullet type	Bullet weight [g gr]	Powder manufacturer powder type	Max. powder mass [g gr]	Min. powder mass [g gr]	Primer cap type	Primer cap manufacturer	Primer cap model	Case manufacturer	L6 [mm]	For max. load v3 [m/s]
41	.30 R Blaser	7,62 .308	TMR	11,00 170	Rottweil R905	4,300 66,0	4,150 64,0	LR	RWS	5341	RWS	88,50	895
42	.300 Win. Mag.	7,62 .308	PLUS	11,00 170	Rottweil R905	4,925 76,0	4,730 73,0	LRM	RWS	5333	RWS	84,00	903
43	.300 Win. Mag.	7,62 .308	TMR	11,00 170	Rottweil R907	4,370 67,5	4,210 65,0	LRM	RWS	5333	RWS	84,80	920
44	.300 Win. Mag.	7,62 .308	TMR	11,00 170	Rottweil R904	4,630 71,5	4,500 69,5	LRM	RWS	5333	RWS	84,80	920
45	.300 Win. Mag.	7,62 .308	TMR	11,00 170	Rottweil R905	4,890 75,5	4,730 73,0	LRM	RWS	5333	RWS	84,80	930
46	.300 WSM	7,62 .308	PLUS	11,00 170	Rottweil R904	4,147 64,0	3,953 61,0	LRM	RWS	5333	Norma	71,00	902
47	.300 Weatherby Mag.	7,62 .308	PLUS	11,00 170	Rottweil R905	5,573 86,0	5,378 83,0	LRM	RWS	5333	Norma	90,00	946
48	8 x 57 IRS	8 S .323	PLUS	12,70 196	Rottweil R907	3,078 47,5	2,916 45,0	LR	RWS	5341	RWS	75,00	709
49	8 x 57 IRS	8 S .323	TMR	12,00 185	Rottweil R903	3,300 51,0	3,180 49,0	LR	RWS	5341	RWS	74,40	760
50	8 x 57 IRS	8 S .323	TMR	12,00 185	Rottweil R907	3,240 50,0	3,110 48,0	LR	RWS	5341	RWS	74,40	730
51	8 x 57 IRS	8 S .323	TMR	12,00 185	Rottweil R904	3,560 55,0	3,430 53,0	LR	RWS	5341	RWS	74,40	750
52	8 x 57 IRS	8 S .323	ZERO	9,00 139	Rottweil R907	3,305 51,0	3,175 49,0	LR	RWS	5341	RWS	75,00	789
53	8 x 57 IS	8 S .323	PLUS	12,70 196	Rottweil R907	3,240 50,0	3,078 47,5	LR	RWS	5341	RWS	75,00	755
54	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R901	2,820 43,5	2,660 41,0	LR	RWS	5341	RWS	74,40	760
55	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R902	3,180 49,0	3,050 47,0	LR	RWS	5341	RWS	74,40	800
56	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R903	3,400 52,5	3,270 50,5	LR	RWS	5341	RWS	74,40	800
57	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R907	3,500 54,0	3,400 52,5	LR	RWS	5341	RWS	74,00	800
58	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R904	3,820 59,0	3,630 56,0	LR	RWS	5341	RWS	74,40	815
59	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R905	3,890 60,0	3,760 58,0	LR	RWS	5341	RWS	74,40	780
60	8 x 57 IS	8 S .323	ZERO	9,00 139	Rottweil R903	3,564 55,0	3,434 53,0	LR	RWS	5341	RWS	75,00	863

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41	.30 R Blaser	7,62 .308	TMR	11,00 170	Rottweil R905	4,300 66,0	4,150 64,0	LR	RWS	5341	RWS	88,50	895
42	.300 Win. Mag.	7,62 .308	PLUS	11,00 170	Rottweil R905	4,925 76,0	4,730 73,0	LRM	RWS	5333	RWS	84,00	903
43	.300 Win. Mag.	7,62 .308	TMR	11,00 170	Rottweil R907	4,370 67,5	4,210 65,0	LRM	RWS	5333	RWS	84,80	920
44	.300 Win. Mag.	7,62 .308	TMR	11,00 170	Rottweil R904	4,630 71,5	4,500 69,5	LRM	RWS	5333	RWS	84,80	920
45	.300 Win. Mag.	7,62 .308	TMR	11,00 170	Rottweil R905	4,890 75,5	4,730 73,0	LRM	RWS	5333	RWS	84,80	930
46	.300 WSM	7,62 .308	PLUS	11,00 170	Rottweil R904	4,147 64,0	3,953 61,0	LRM	RWS	5333	Norma	71,00	902
47	.300 Weatherby Mag.	7,62 .308	PLUS	11,00 170	Rottweil R905	5,573 86,0	5,378 83,0	LRM	RWS	5333	Norma	90,00	946
48	8 x 57 IRS	8 S .323	PLUS	12,70 196	Rottweil R907	3,078 47,5	2,916 45,0	LR	RWS	5341	RWS	75,00	709
49	8 x 57 IRS	8 S .323	TMR	12,00 185	Rottweil R903	3,300 51,0	3,180 49,0	LR	RWS	5341	RWS	74,40	760
50	8 x 57 IRS	8 S .323	TMR	12,00 185	Rottweil R907	3,240 50,0	3,110 48,0	LR	RWS	5341	RWS	74,40	730
51	8 x 57 IRS	8 S .323	TMR	12,00 185	Rottweil R904	3,560 55,0	3,430 53,0	LR	RWS	5341	RWS	74,40	750
52	8 x 57 IRS	8 S .323	ZERO	9,00 139	Rottweil R907	3,305 51,0	3,175 49,0	LR	RWS	5341	RWS	75,00	789
53	8 x 57 IS	8 S .323	PLUS	12,70 196	Rottweil R907	3,240 50,0	3,078 47,5	LR	RWS	5341	RWS	75,00	755
54	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R901	2,820 43,5	2,660 41,0	LR	RWS	5341	RWS	74,40	760
55	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R902	3,180 49,0	3,050 47,0	LR	RWS	5341	RWS	74,40	800
56	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R903	3,400 52,5	3,270 50,5	LR	RWS	5341	RWS	74,40	800
57	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R907	3,500 54,0	3,400 52,5	LR	RWS	5341	RWS	74,00	800
58	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R904	3,820 59,0	3,630 56,0	LR	RWS	5341	RWS	74,40	815
59	8 x 57 IS	8 S .323	TMR	12,00 185	Rottweil R905	3,890 60,0	3,760 58,0	LR	RWS	5341	RWS	74,40	780
60	8 x 57 IS	8 S .323	ZERO	9,00 139	Rottweil R903	3,564 55,0	3,434 53,0	LR	RWS	5341	RWS	75,00	863

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61	8 x 68 S	8 S .323	PLUS	12,70 196	Rottweil R905	4,860 75,0	4,666 72,0	LRM	RWS	5333	RWS	85,00	864
62	8 x 68 S	8 S .323	PLUS	12,70 196	Rottweil R904	4,730 73,0	4,536 70,0	LRM	RWS	5333	RWS	85,00	879
63	8 x 68 S	8 S .323	TMR	12,00 185	Rottweil R907	4,470 69,0	4,340 67,0	LRM	RWS	5333	RWS	86,20	905
64	8 x 68 S	8 S .323	TMR	12,00 185	Rottweil R904	4,830 74,5	4,730 73,0	LRM	RWS	5333	RWS	86,20	920
65	8 x 68 S	8 S .323	TMR	12,00 185	Rottweil R905	5,120 79,0	4,990 77,0	LRM	RWS	5333	RWS	86,20	930
66	9,3 x 62	9,3 .366	PLUS	16,50 255	Rottweil R907	3,888 60,0	3,694 57,0	LR	RWS	5341	RWS	83,00	737
67	9,3 x 62	9,3 .366	TMR	16,50 255	Rottweil R902	3,760 58,0	3,600 55,5	LR	RWS	5341	RWS	79,40	755
68	9,3 x 62	9,3 .366	TMR	16,50 255	Rottweil R903	4,050 62,5	3,820 59,0	LR	RWS	5341	RWS	79,40	760
69	9,3 x 62	9,3 .366	TMR	16,50 255	Rottweil R907	4,050 62,5	3,890 60,0	LR	RWS	5341	RWS	79,40	755
70	9,3 x 64	9,3 .366	PLUS	16,50 255	Rottweil R904	5,119 79,0	4,925 76,0	LRM	RWS	5333	RWS	84,00	824
71	9,3 x 64	9,3 .366	TMR	16,50 255	Rottweil R903	4,700 72,5	4,410 68,0	LRM	RWS	5333	RWS	82,00	820
72	9,3 x 64	9,3 .366	TMR	16,50 255	Rottweil R907	4,730 73,0	4,470 69,0	LRM	RWS	5333	RWS	82,00	825
73	9,3 x 64	9,3 .366	TMR	16,50 255	Rottweil R904	4,990 77,0	4,800 74,0	LRM	RWS	5333	RWS	82,00	815
74	9,3 x 74 R	9,3 .366	PLUS	16,50 255	Rottweil R907	3,758 58,0	3,564 55,0	LR	RWS	5341	RWS	94,50	691
75	9,3 x 74 R	9,3 .366	PLUS	16,50 255	Rottweil R903	4,082 63,0	3,888 60,0	LR	RWS	5341	RWS	94,50	734
76	9,3 x 74 R	9,3 .366	TMR	16,50 255	Rottweil R902	3,760 58,0	3,560 55,0	LR	RWS	5341	RWS	93,00	720
77	9,3 x 74 R	9,3 .366	TMR	16,50 255	Rottweil R903	4,080 63,0	3,890 60,0	LR	RWS	5341	RWS	93,00	730
78	9,3 x 74 R	9,3 .366	TMR	16,50 255	Rottweil R907	4,110 63,5	3,950 61,0	LR	RWS	5341	RWS	93,00	730
79	.308 Win.	7,62 .308	TMR	11,00 170	Rottweil R902	2,850 44,0	2,750 42,5	LR	RWS	5341	RWS	71,00	810
80	.30 R Blaser	7,62 .308	TMR	11,00 170	Rottweil R904	4,100 63,3	4,000 61,7	LR	RWS	5341	RWS	88,50	895

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