

.300 NORMA MAGNUM

Test barrel: 660 mm (26"), 1 in 10" twist

Primers: Large Rifle Magnum

Cases: Lapua, trim-to length 63,30 mm (2.480")

Bullet	10,0 g / 155 gr		Lapua, Scenar / OTM Scenar-L		C.O.L. 83,0 mm / 3.268 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N555	4,80	74.1	949	3114	5,10	78.7	1001	3284
N165	5,35	82.6	955	3133	5,67	87.5	1014	3327
N560	5,17	79.8	957	3140	5,46	84.3	1018	3340
N565	5,37	82.9	962	3156	5,72C	88.3C	1023	3356
N170	5,65	87.2	935	3068	5,96C	92.0C	999	3278
N570	5,70	88.0	941	3087	5,85C	90.3C	979	3212

C – Compressed load

Bullet	10,9 g / 167 gr		Lapua, OTM Scenar		C.O.L. 82,0 mm / 3.228 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N555	4,45	68.7	894	2933	4,93	76.1	954	3130
N165	4,95	76.4	897	2943	5,39	83.2	958	3143
N560	4,90	75.6	908	2979	5,20	80.2	969	3179
N565	5,10	78.7	911	2989	5,49	84.7	977	3205
N170	5,35	82.6	891	2923	5,74	88.6	959	3146
N568	5,63	86.9	921	3022	5,90C	91.1C	960	3150
N570	5,60	86.4	939	3081	5,90C	91.1C	990	3248

C – Compressed load

Bullet	11,0 g / 170 gr		Lapua, Naturalis N558		C.O.L. 83,5 mm / 3.287 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N560	4,50	69.4	850	2789	5,30	81.8	974	3196
N565	4,90	75.6	870	2854	5,57	86.0	977	3205
N170	4,53	69.9	820	2690	5,69	87.8	957	3140
N570	5,15	79.5	887	2910	5,81	89.7	995	3264

Bullet	12,0 g / 185 gr		Lapua, Scenar		C.O.L. 86,5 mm / 3.406 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N560	4,72	72.8	844	2769	5,35	82.6	948	3110
N565	4,91	75.8	863	2831	5,51	85.0	957	3140
N170	4,98	76.9	825	2707	5,75	88.7	939	3081
N570	5,16	79.6	862	2828	5,75	88.7	970	3182

Bullet	13,9 g / 215 gr		Berger, Hybrid Target		C.O.L. 86,5 mm / 3.406 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N560	4,56	70.4	790	2592	5,10	78.7	889	2917
N565	4,71	72.7	799	2621	5,25	81.0	893	2930
N170	4,65	71.8	773	2536	5,50	84.9	881	2890
N570	5,05	77.9	818	2684	5,66	87.3	917	3009

Bullet	14,3 g / 220 gr		Lapua, Scenar-L		C.O.L. 86,5 mm / 3.406 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N560	4,30	66.4	762	2500	4,98	76.9	866	2841
N565	4,41	68.1	769	2523	5,17	79.8	874	2867
N170	4,30	66.4	780	2559	5,30	81.8	856	2808
N570	4,62	71.3	780	2559	5,37	82.9	887	2910

Bullet	14,9 g / 230 gr		Berger, Hybrid Target		C.O.L. 86,5 mm / 3.406 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N560	4,35	67.1	754	2474	4,92	75.9	853	2799
N565	4,53	69.9	763	2503	5,11	78.9	856	2808
N570	4,60	71.0	764	2507	5,41	83.5	872	2861

Bullet	14,9 g / 230 gr		Hornady, A-Tip Match		C.O.L. 92,9 mm / 3.657 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N165	4,45	68.7	756	2480	4,86	75.0	814	2671
N560	4,45	68.7	783	2569	4,82	74.4	835	2740
N565	4,55	70.2	780	2559	4,98	76.9	840	2756
N170	4,80	74.1	774	2539	5,17	79.8	832	2730
N568	5,00	77.2	791	2595	5,41	83.5	848	2782
N570	5,15	79.5	821	2694	5,47	84.4	871	2858
24N41	5,14	79.3	777	2549	5,55C	85.6C	834	2736

C – Compressed load

Bullet	16,2 g / 250 gr		Hornady, A-Tip Match		C.O.L. 92,3 mm / 3.634 inch			
Powder	Starting load				Maximum load			
Type	Weight		Velocity		Weight		Velocity	
	[g]	[grs]	[m/s]	[fps]	[g]	[grs]	[m/s]	[fps]
N165	4,00	61.7	698	2290	4,40	67.9	751	2464
N560	4,10	63.3	728	2388	4,45	68.7	779	2556
N565	4,30	66.4	737	2418	4,69	72.4	788	2585
N170	4,35	67.1	717	2352	4,73	73.0	776	2546
N568	4,50	69.4	732	2402	5,05	77.9	797	2615
N570	4,50	69.4	753	2470	4,93	76.1	808	2651
24N41	4,68	72.2	724	2375	5,17C	79.8C	782	2566