

Caliber 7mmWSM-WinchesterShortMagnum

Case length

Min: 2.080

Barrel: 24" Bill Wiseman

Max: 2.100

Case: WW Winchester

Cartridge length COL

Min: 2.560

Primer: WLR

Max: 2.860

Bullet Make Type	Bullet Weight Grains	Powder Type	Start Load grains	Start Velocity Fps	Start Pressure kPsi	Maximum Load Grains	Maximum Velocity Fps	Maximum Pressure kPsi	AOL inches
Sierra	160	5744	26.5	1519	18.4	29.4	2120	33.6	2.760
HPBT		5744	38.4	2570	53.1	42.7	2760	63.5	
Hornady	120	4350	60.3	3153	51.6	67.0	3423	63.4	2.760
HP		3100	61.9	3036	48.1	68.8	3367	63.1	*
		Magpro	69.7	3138	45.1	77.5	3419	56.8	*
Sierra	140	4350	58.7	3013	53.4	65.2	3232	63.5	2.760
SPBT		3100	60.8	2881	48.2	67.5	3194	63.0	*
		Magpro	68.1	3001	47.6	75.7	3272	59.9	*
Hornady	154	4350	54.9	2836	55.4	61.0	3026	62.9	2.760
SP		3100	59.4	2803	51.0	66.0	3060	63.3	*
		Magpro	66.1	2808	45.8	73.4	3107	59.5	*
Sierra	160	4350	54.7	2737	50.0	60.8	2969	62.2	2.760
HPBT		3100	57.6	2749	51.0	64.0	3000	63.5	*
		Magpro	64.8	2820	50.6	72.0	3063	60.2	*
Sierra	175	4350	50.4	2555	49.1	56.0	2785	62.7	2.760
SPBT		3100	56.9	2720	49.6	63.2	2987	63.4	*
		Magpro	64.0	2729	50.0	71.1	2966	61.7	*

* Full case/Compressed loads with both 3100 and Magpro at maximum charge

Note that 5744 has two performance levels 1) a low range for applications such as cast/lead, training, plinking etc

2) A higher performance level, enabling close to 90% of full power, at a loading density of approximately 75%