

Benning Auto Parts and Machine

Eldon Triggs W45945

CWT

CWT

INITIAL SPIN

LEFT SIDE			9.31 Oz-Inch
Weight	RPM	Radius	Force in lbs.
88	1000	3	16.53
88	2000	3	66.15
88	3000	3	148.84
88	4000	3	264.61
88	5000	3	413.46
88	6000	3	595.38
88	7000	3	810.37
88	8000	3	1058.45
88	9000	3	1339.61
88	10,000	3	1653.84

Date Tested
12/29/2022

RIGHT SIDE			8.89 Oz-Inch
Weight	RPM	Radius	Force in lbs.
84.08	1000	3	15.80
84.08	2000	3	63.20
84.08	3000	3	142.21
84.08	4000	3	252.82
84.08	5000	3	395.04
84.08	6000	3	568.86
84.08	7000	3	774.28
84.08	8000	3	1011.30
84.08	9000	3	1279.94
84.08	10,000	3	1580.17

BOBWEIGHT CARD

Rod (Big End)	438.60
Insert	53.20
Total	491.80
Times Rods/Throw	2
Total	983.60
Oil	4.00
Rotating Weight	987.60

Rod (Small End)	164.79		
Piston	431.40		
Pins	142.50		
Locks	1.80		
Rings	32.10		
Total	772.59		
Reciprocating Weight	1545.18	Reciprocating %	50
Reciprocating Factor			772.59

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Bobweight	1760.19	Half Bobweight	880.095
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FINAL SPIN

LEFT SIDE			0.03 Oz-Inch
Weight	RPM	Radius	Force in lbs.
0.31	1000	3	0.05
0.31	2000	3	0.23
0.31	3000	3	0.52
0.31	4000	3	0.93
0.31	5000	3	1.45
0.31	6000	3	2.09
0.31	7000	3	2.85
0.31	8000	3	3.72
0.31	9000	3	4.71
0.31	10,000	3	5.82

Target Tolerance
1.5 Oz-Inch

RIGHT SIDE			0.01 Oz-Inch
Weight	RPM	Radius	Force in lbs.
0.01	1000	3	0.00
0.01	2000	3	0.00
0.01	3000	3	0.01
0.01	4000	3	0.03
0.01	5000	3	0.04
0.01	6000	3	0.06
0.01	7000	3	0.09
0.01	8000	3	0.12
0.01	9000	3	0.15
0.01	10,000	3	0.18

Job # Eldon Triggs
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Engine 5.3 LS STOCK

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RODS			
	Rod Big End (g)	Rod Total (g)	Rod Small End (g)
1	439.70	606.20	166.50
2	439.10	605.20	166.10
3	438.60	604.50	165.90
4	439.30	605.30	166.00
5	440.20	606.10	165.90
6	438.80	605.80	167.00
7	438.90	605.30	166.40
8	439.50	604.30	164.80
9	0.00	0.00	0.00
10	0.00	0.00	0.00

PISTONS and PINS		
	PISTONS (g)	PINS (g)
1	431.8	142.6
2	433.5	142.8
3	432.2	142.5
4	432.8	142.5
5	431.4	142.7
6	432.7	142.5
7	433.7	142.6
8	433.2	142.5
9	0	0
10	0	0

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