



Enter your  
(000) 000-0000

Rod model: Reel model: Line: Cast: 50'

Cast Name: \_kev3

	Forward Cast			Back Cast		
	YOU	EXPERT	COMMENTS	YOU	EXPERT	COMMENTS
Cast Symmetry	93	100	Excellent			
Cast Arc	91	78	Needs work	60	78	Needs work
Creep	0	0	Good	0	0	Good
Smoothness Ratio	5.7	5.0	Excellent	9.0	5.0	Good
Peak Speed	306	330	Good	-326	-330	Excellent
Deceleration	-1715	-3000	Needs work	4160	3000	Excellent
Stop	61	2	Needs work	-11	-2	Excellent
Rod Load	8	30	Needs work	21	30	Good

**Symmetry**

**Cast Symmetry** Your Score: 93 Expert Score: 100 Result: Excellent

Your cast exhibits 93% symmetry. This is very close to the expert's symmetry of 90% or greater. Symmetry this high is often a good indicator of good technique and casting efficiency. Peak rotation speed is 306 degrees/sec on the forward cast, -326 degrees/sec on the back cast.

**Cast Arc**

**Forward Cast** Your Score: 91 Expert Score: 78 Result: Needs work

Your rod arc is 91 degrees, the expert's arc is 78 degrees. Your arc is significantly wider than the expert's arc indicating you are probably casting an open loop. Rotate the rod less to close the casting arc significantly.

**Back Cast** Your Score: 60 Expert Score: 78 Result: Needs work

Your rod arc is 60 degrees, the expert's arc is 78 degrees. Your arc is significantly smaller than the expert's arc indicating you may be throwing a tailing loop. Rotate the rod more to open the casting arc significantly.

**Creep**

**Forward Cast** Your Score: 0 Expert Score: 0 Result: Good

No creep detected.

**Back Cast** Your Score: 0 Expert Score: 0 Result: Good

No creep detected.

**Smoothness Ratio**

**Forward Cast** Your Score: 5.7 Expert Score: 5.0 Result: Excellent

Your smoothness ratio is 5.7. The expert's smoothness ratio is 5.0. This indicates very smooth power application, usually an indication of good loops and efficient power application. Working to make your smoothness ratio even lower will yield worthwhile results. Very good.

**Back Cast** Your Score: 9.0 Expert Score: 5.0 Result: Good

Your smoothness ratio is 9.0. The expert's smoothness ratio is 5.0. This indicates fairly smooth power application, but there is room for improvement. Higher smoothness ratios indicate rod acceleration that starts too slowly, too soon. Begin accelerating your rod slightly later, accelerate very smoothly. Your goal is to make the curve as straight as possible.



# CASTING ANALYZER

## CAST SUMMARY

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**Peak speed**   **Forward Cast**   Your Score: 306   Expert Score: 330   Result: Good

Your forward cast peak speed is 306 degrees/sec and the expert's is 330 degrees/sec. Your peak is a little smaller than the expert's so try to increase it just a little.

**Back Cast**   Your Score: -326   Expert Score: -330   Result: Excellent

Your back cast peak speed is -326 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

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**Deceleration**   **Forward Cast**   Your Score: -1715   Expert Score: -3000   Result: Needs work

Your deceleration rate is -1715 d/s/s, the expert's deceleration rate is -3000 d/s/s. Your deceleration is relatively slow. Decelerating the rod more quickly will result in tighter loops.

**Back Cast**   Your Score: 4160   Expert Score: 3000   Result: Excellent

Your deceleration rate is 4160 d/s/s, the expert's deceleration rate is 3000 d/s/s. Your deceleration is excellent and will help to make very good, tight loops.

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**Stop**   **Forward Cast**   Your Score: 61   Expert Score: 2   Result: Needs work

Your stop was not very complete, reaching 61 d/s, compared to the expert's stop of 2 d/s. Relatively incomplete stops like this will result in rounded, less efficient loops. For tighter loops, stop the rod more completely.

**Back Cast**   Your Score: -11   Expert Score: -2   Result: Excellent

Your stop was complete, reaching -11 d/s, compared to the expert's stop of -2 d/s. Good effective stop.

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**Rod Load**   **Forward Cast**   Your Score: 8   Expert Score: 30   Result: Needs work

Your rod load ratio is 8%, compared to 30% for the expert cast. This is a low ratio and indicates a poor previous back loop. Usually the reason for the poor loop can be found by comparing the back cast rod arc, peak speed, smoothness ratio and stop data to the expert cast.

**Back Cast**   Your Score: 21   Expert Score: 30   Result: Good

Your rod load ratio is 21%, compared to 30% for the expert cast. This is a moderate ratio and indicates a fairly good previous forward loop. The loop could be better. To improve it, compare your cast to the expert cast and look for differences in the forward cast rod arc, peak speed, smoothness ratio and stop data.

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