



SUMMARY REPORT

Name: Marken Golf LA 18Grad 100-130 SK

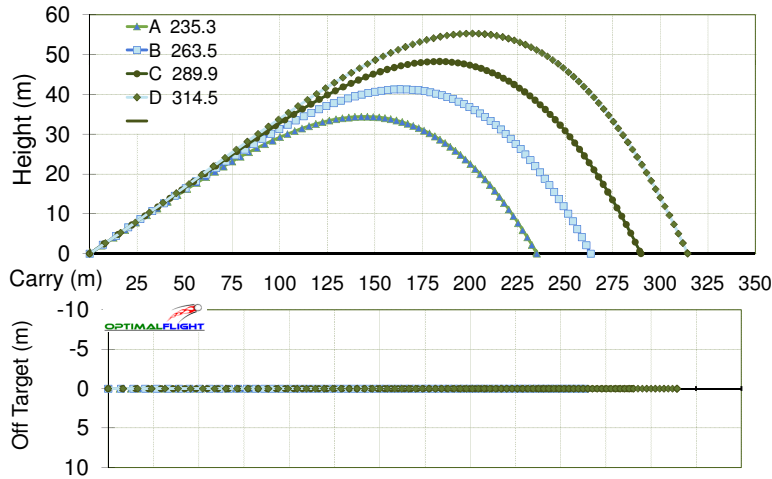
Report ID:
9

Notes: Berechnung für Einfluß Spin auf Weite

Location: Nienburg Date: 04.04.2010

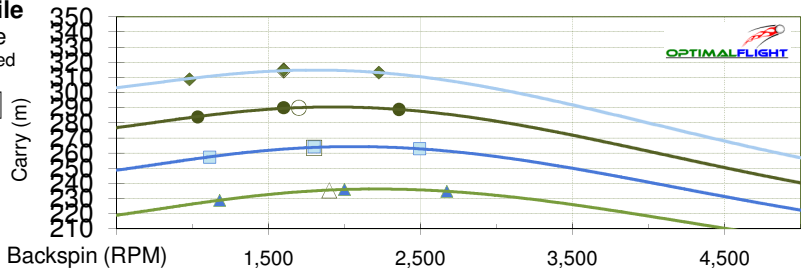
Club/Shaft:	Driver	Driver	Driver	Driver
FLIGHT:	A	B	C	D
BALL SPD (mph):	149.0 <small>ClubSpd 100.0 Ratio: 1.49</small>	164.0 <small>ClubSpd 110.0 Ratio: 1.49</small>	179.0 <small>ClubSpd 120.0 Ratio: 1.49</small>	194.0 <small>ClubSpd 130.0 Ratio: 1.49</small>
LAUNCH (deg):	18 <small>Push/Pull</small>	18 <small>Push/Pull</small>	18 <small>Push/Pull</small>	18 <small>Push/Pull</small>
BackSPIN (rpm):	1,900 <small>SideSpin</small>	1,800 <small>SideSpin</small>	1,700 <small>SideSpin</small>	1,600 <small>SideSpin</small>
Carry (m):	235.3 <small>250.1</small>	263.5 <small>276.2</small>	289.9 <small>298.8</small>	314.5 <small>320.3</small>

Flight Time, Wind, Altitude: 6.61, No Wind, Sea Lvl 7.2, No Wind, Sea Lvl 7.73, No Wind, Sea Lvl 8.21, No Wind, Sea Lvl
 Landing Angle, Roll, Apex: 39.4 14.8 34.4 41.3 12.6 41.3 44.2 8.8 48.2 46.3 5.8 55.3
 OPTIMALFLIGHT validation of CARRY:



Optimal Carry Profile with Max ROLL Zone Launch Angle @ Ball Speed

- Actual shot result
- ▲ A: 18°@149.0
- B: 18°@164.0
- C: 18°@179.0
- ◆ D: 18°@194.0



	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-	CURRENT	OPTIMAL	+/-
Total Distance & FLIGHT #:	250.1	259.6	A	276.2	289.0	B	298.8	316.2	C	320.3	341.6	D
Carry (m)	235.3	236.0	1	263.5	264.0		289.9	289.9		314.5	315.0	
ROLL:	14.8	23.6	9	12.6	25.0	12	8.8	26.3	17	5.8	26.6	21
SPIN:	1,900	1,930	+30	1,800	1,800		1,700	1,690	-10	1,600	1,600	
OPTIMAL Distance Zone:	YES	1109-2751		YES	1113-2487		YES	1125-2255		YES	981-2219	

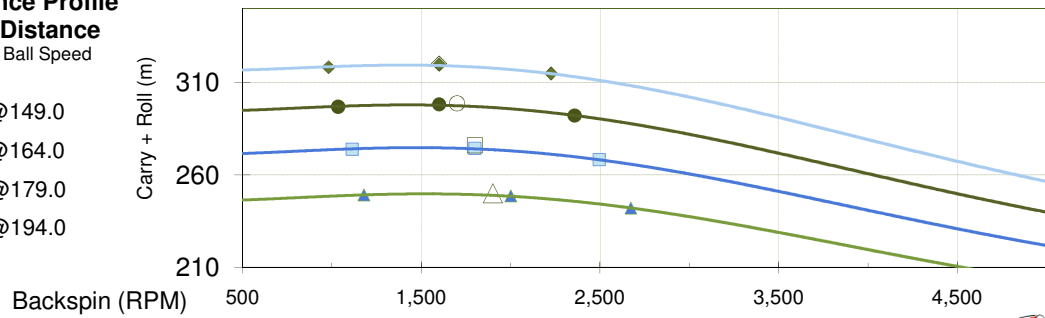


Optimal Distance Profile

Carry + Roll Distance

Launch Angle @ Ball Speed

- ▲ A: 18°@149.0
- B: 18°@164.0
- C: 18°@179.0
- ◆ D: 18°@194.0



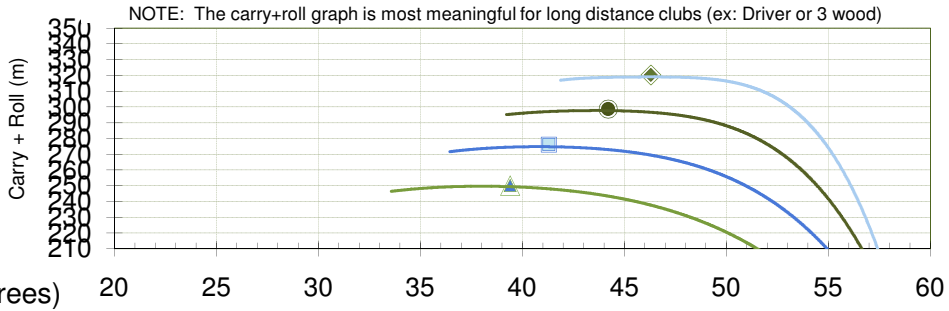
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Optimal Distance Profile

Carry + Roll Distance

Launch Angle @ Ball Speed

- ▲ A: 18°@149.0
- B: 18°@164.0
- C: 18°@179.0
- ◆ D: 18°@194.0

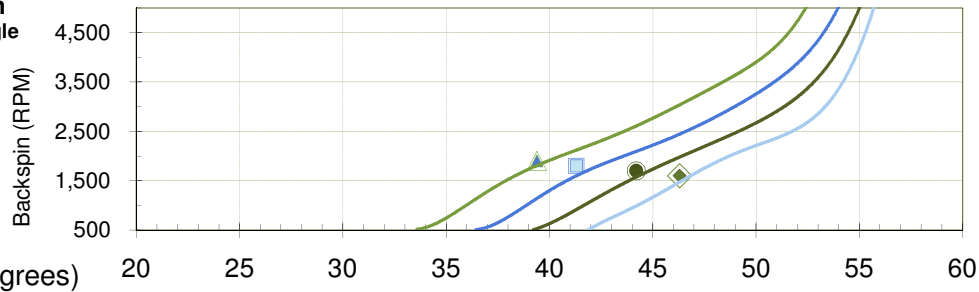


Relationship between

Backspin and Landing Angle

Launch Angle @ Ball Speed

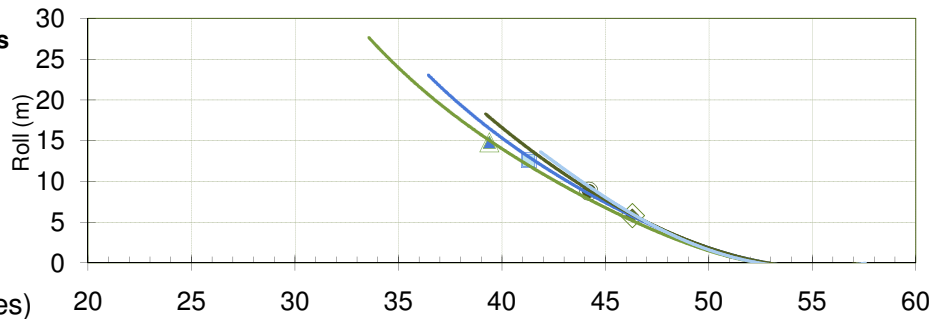
- ▲ A: 18°@149.0
- B: 18°@164.0
- C: 18°@179.0
- ◆ D: 18°@194.0



Roll Profile for various Landing Angles

Launch Angle @ Ball Speed

- ▲ A: 18°@149.0
- B: 18°@164.0
- C: 18°@179.0
- ◆ D: 18°@194.0



Ball Flight Carry + Roll Summary

