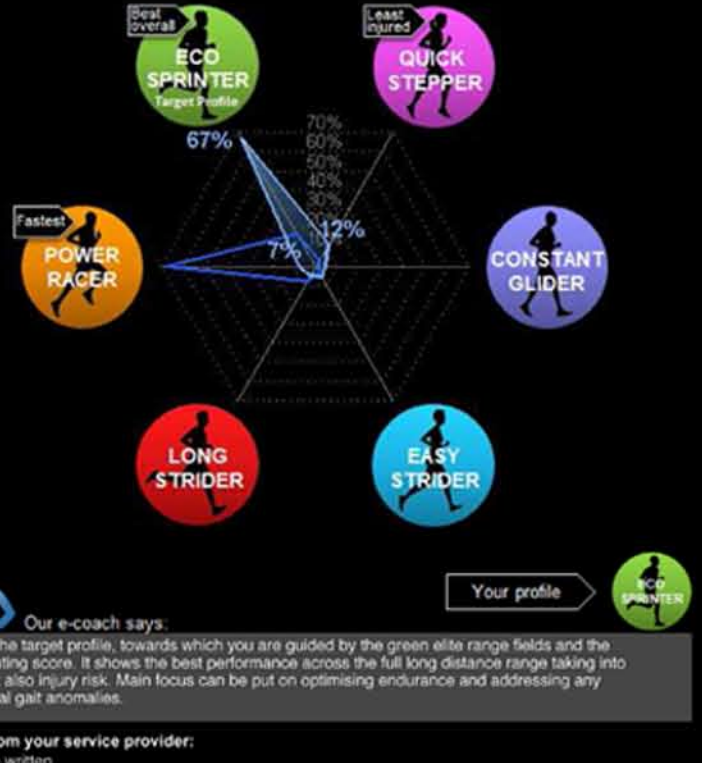
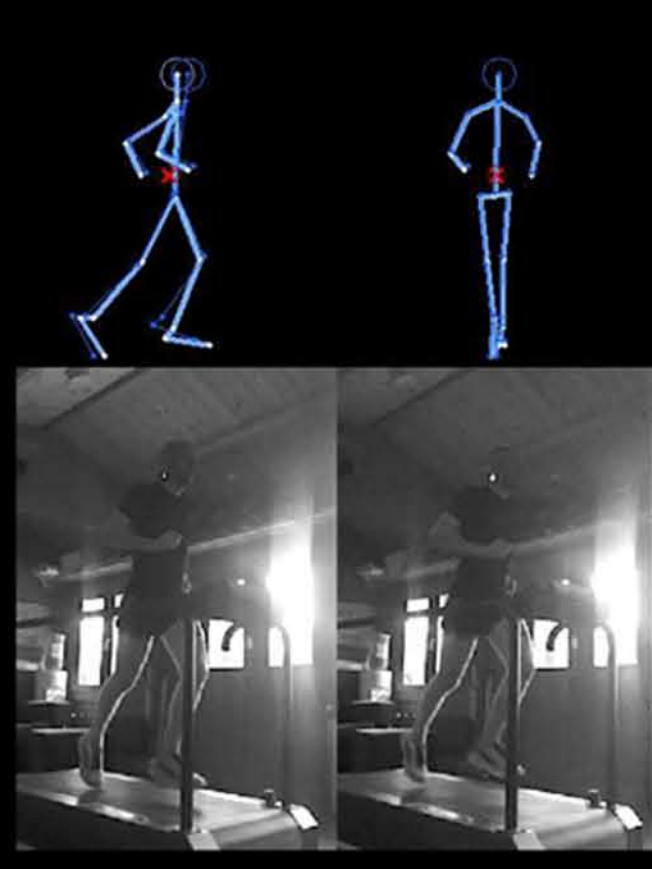


# Test results for Nik Kershaw

Date: 07 Jul 2021 Time: 10:53 AM Speed: 12 km/h

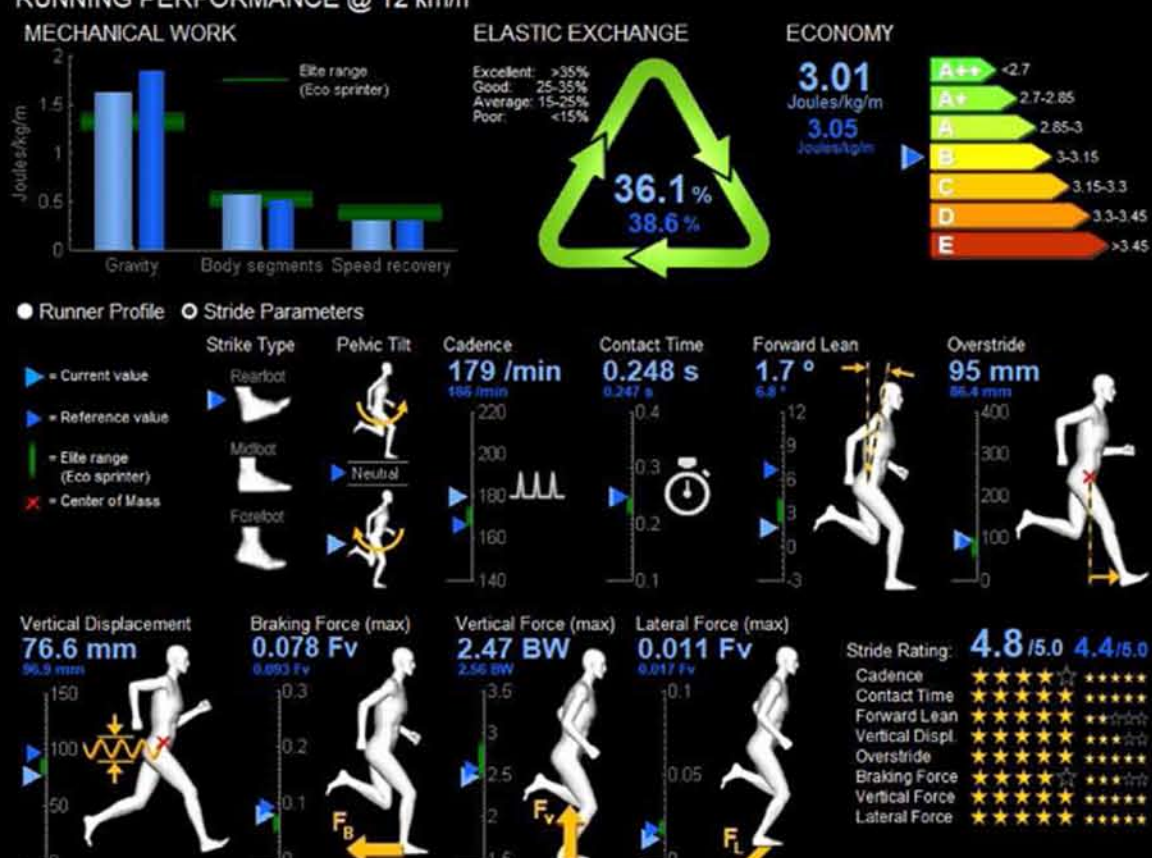


# Test results for Nik Kershaw

Date: 07 Jul 2021 Time: 10:53 AM Speed: 12 km/h



## RUNNING PERFORMANCE @ 12 km/h



# Test results for Nik Kershaw

Date: 07 Jul 2021 Time: 10:53 AM Speed: 12 km/h



## GAIT CHARACTERISTICS @ 12 km/h



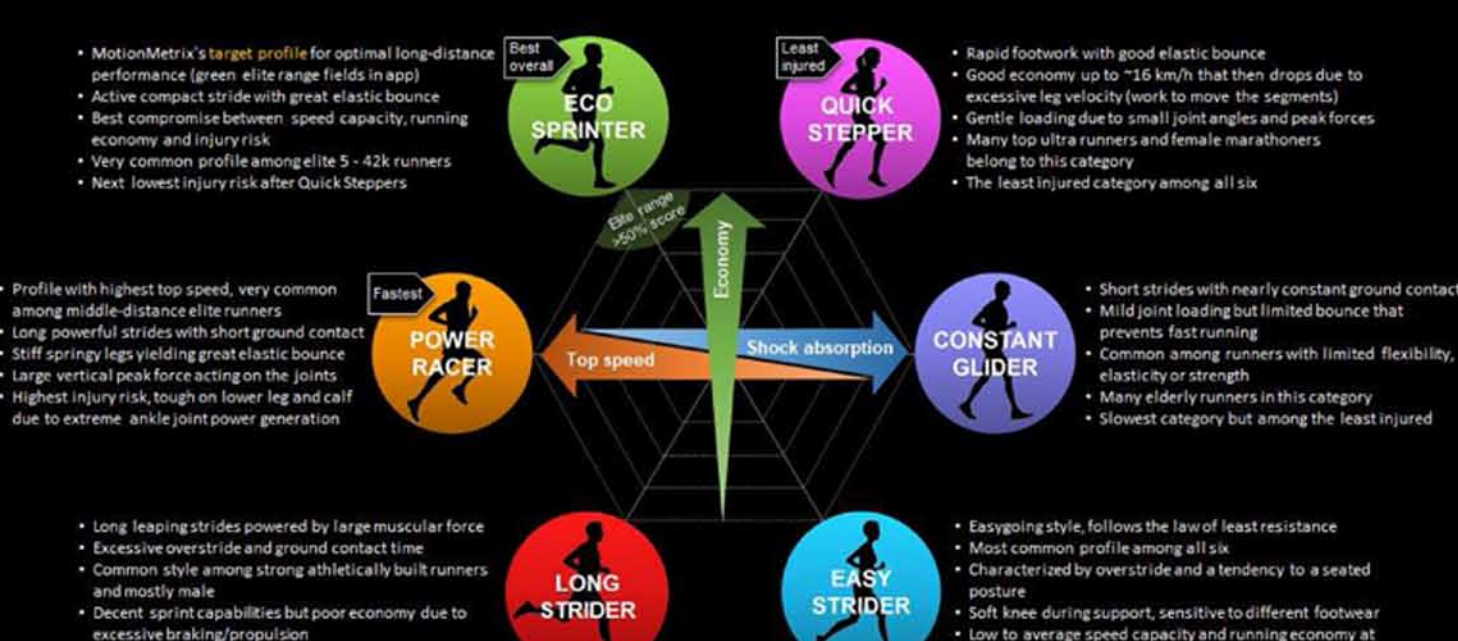
Date: 07 Jul 2021 Time: 10:53 AM Speed: 12 km/h



## JOINT LOADING @ 12 km/h



## Quick Reference Guide – Runner Profiles



	ECO SPRINTER	QUICK STEPPER	POWER RACER	CONSTANT GLIDER	LONG STRIDER	EASY STRIDER
Occurrence	8.3%	22.9%	12.8%	11.6%	29.6%	16.80%
10k race time (mean)	40:12	43:42	45:50	49:30	46:30	45:12
10k race time (top 10%)	30:23	32:29	36:15	41:12	36:06	37:20
Injury rate (2 years)	84%	62%	59%	64%	75%	77%
Primary injury sites	1) lower leg 41% 2) calf 28%3) knee 22%	1) knee 27% 2) foot 21% 3) lower leg 15%	1) knee 46% 2) lower leg 24% 3) calf 23%	1) knee 52% 2) lower leg 21% 3) achilles 17%	1) knee 35% 2) achilles 17% 3) hamstrings 16%	1) knee 37% 2) hamstrings 17% 3) hip 15%
Shoe pref. (light/stable)	75%/25%	63%/37%	55%/45%	30%/70%	15%/85%	10%/90%
Dist. (men/women)	55%/45%	44%/56%	39%/61%	31%/69%	61%/39%	65%/35%

The six fundamental runner profiles have been derived by cluster analysis on a large biomechanical dataset (N > 1000) of runners. Information about performance and injuries have subsequently been obtained from interviews with runners belonging to the set.