

Table 1  
 Statistics for various motors

	Flagella of <i>E. coli</i>	Polar flagella of <i>V. alginolyticus</i>	F <sub>1</sub> motor of F <sub>0</sub> F <sub>1</sub> -ATPase	Myosin of skeletal muscle
Axis distance	ca. 20 nm	ca. 20 nm	ca. 1 nm	NA
Rotational speed	300 rps	1700 rps	10 rps	NA
Linear speed	40 μm/s	210 μm/s	60 nm/s	10 μm/s
Torque/generator	ca. 450 pN nm	ca. 100 pN nm	ca. 40 pN nm	NA
Force	ca. 25 pN	ca. 5 pN	ca. 40 pN	ca. 5–10 pN
Efficiency	~100% ??	~100% ??	~100% ??	~50% ??
Energy source	H <sup>+</sup>	Na <sup>+</sup>	ATP	ATP