Drive train specifications

Belt reducer

RSB1 has GT2 belt in order to transfer power to plate. 12/60 tooth pulleys provide 1:5 reduction rate.

Motor

Parameter	Value	Unit
Size	NEMA17	
Step angle	1.8 ±5%	deg
Phase count	2	
Mass	150	g
Rated voltage	3.5	V
Rated current	1.0	A
Resistance per phase	3.5 ±10%	Ω
Inductance per phase	4.5 ±20%	mH
Holding torque	160	mN*m

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