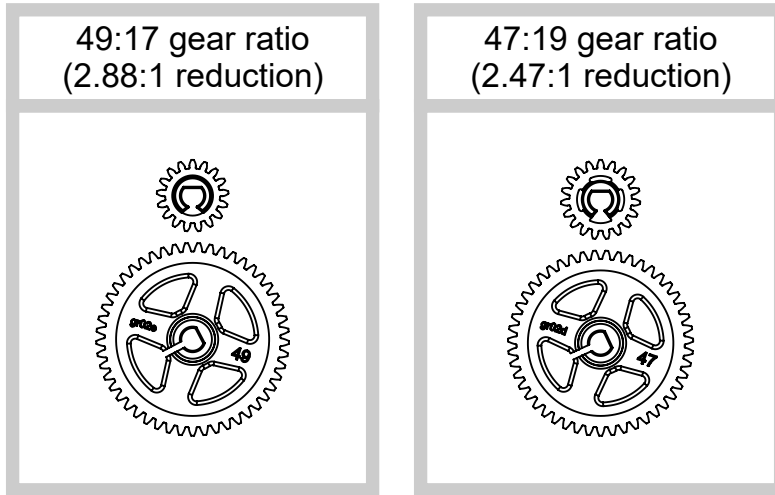


Balboa 32U4 Balancing Robot Available Gear Ratio Options

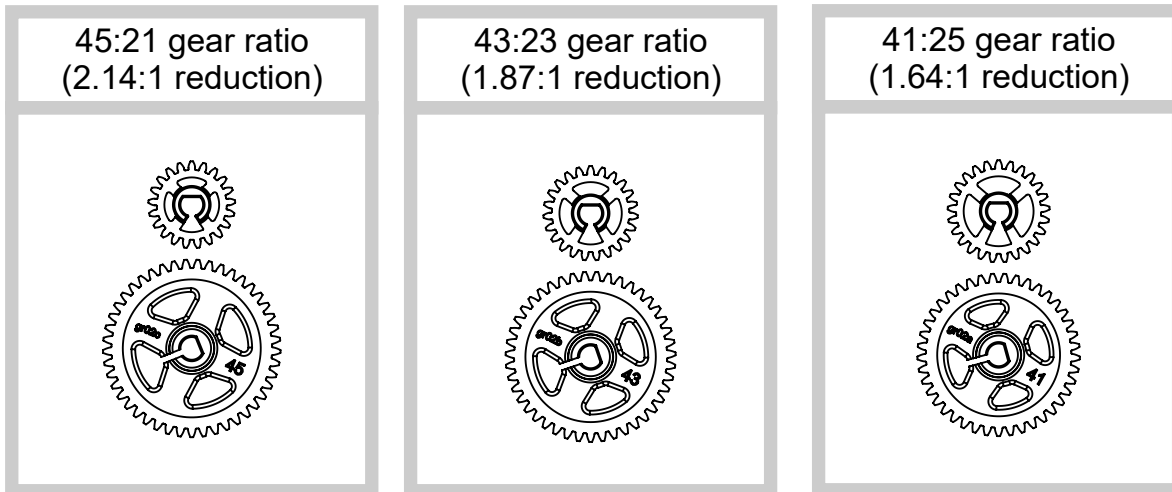
External gearbox gear ratios



Exact gearmotor ratios

Nominal ratio	30:1	50:1	75:1
Exact ratio	$\frac{86955}{2912}$	$\frac{3344}{65}$	$\frac{38437}{507}$

Overall gear ratios



		Gearmotor		
		30:1	50:1	75:1
External gearbox	49:17	86.1:1	148.3:1	218.5:1
	47:19	73.9:1	127.3:1	187.5:1
	45:21	64.0:1	110.2:1	162.5:1
	43:23	55.8:1	96.2:1	141.7:1
	41:25	45.9:1	84.4:1	124.3:1

1. To get a 1:1 scale, select 100% in print settings.