

RE38-40 combinations

Quickview - combination drawing and technical data

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by **maxon**

Combination drawing		Technical data						
RE38-40-PGx42		Gear material ¹	Bronze	Bronze	Bronze	Bronze	Bronze	
		Gear ratio [stages] ²	:1	4.3 [1]	19 [2]	66 [3]	150 [4]	353 [4]
		Speed	rpm	744.2	168.4	48.5	21.3	9.1
		Nominal torque	Nm	0.5	1.8	5.7	11.3	11.3
		Intermittent torque	Nm	0.7	2.8	8.6	16.9	16.9
RE38-40-GB56		Gear material ¹	Comp.	Comp.	Comp.	Comp.	Comp.	
		Gear ratio [stages] ²	:1	4	30	70	4	30
		Speed	rpm	106.7	80.0	66.7	53.3	45.7
		Nominal torque	Nm	2.1	2.6	2.9	3.1	3.0
		Intermittent torque	Nm	3.2	3.9	4.3	4.6	4.5

Key

Standard combination / standard gear ratio

Modular combination / modular gear ratio

Notes

¹ Comp. = Composite gears

² Full gear ratio options displayed on individual gearbox datasheets

- Technical data displayed above calculated based on **RE38-40 48V 3200 rpm** motor. Intermittent torque displayed based on S2 - 15 minute duty cycle.
- Simplified drawings displayed above show overall envelope size of the combination. Please see individual motor and gearbox datasheets for detailed technical drawings.