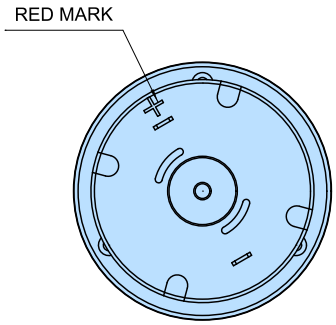
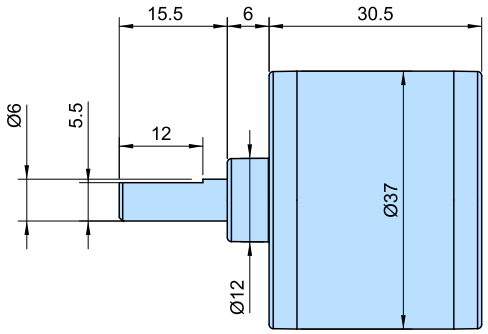
SR37

14 ratios · 4 housing lengths







Shown: L = 30.5 mm. All dimension drawings are on Sheet 2. Dimensions in mm.

RATIO SELECTION & PERFORMANCE

Model	Ratio :1	Gear stages	Length L mm	Max. cont. torque kgf.cm	Breaking torque kgf.cm	Efficiency %	Reference weight g
SR37-9.5K	9.5	3	30.5	2	6	73	108
SR37-10K	10	3	30.5	2	6	73	108
SR37-19K	19	4	30.5	2	6	73	108
SR37-28.5K	28.5	4	30.5	2	6	73	108
SR37-43K	43	4	30.5	2	6	73	108
SR37-57K	57	5	33	4	12	59	114
SR37-85.5K	85.5	5	33	4	12	59	114
SR37-128K	128	5	33	4	12	59	114
SR37-171K	171	6	35.5	6	18	53	122
SR37-256.5K	256.5	6	35.5	6	18	53	122
SR37-385K	385	6	35.5	6	18	53	122
SR37-513K	513	7	38	6	18	50	126
SR37-769.5K	769.5	7	38	6	18	50	126
SR37-1154K	1154	7	38	6	18	50	126

Reference weights are based on one measured gear ratio per stage configuration.

MECHANICAL, MATERIALS & OPERATION

Gearbox diameter	37 mm
Output shaft diameter	6 mm
Pinion hole diameter	φ 2 / φ 3.17 mm
Axial play	0.35 mm
Radial play	0.05 mm
Backlash	2°
Gear module	0.5

Operating temperature	-30 ~ 65 °C
Housing material	Zinc Alloy (Die casting)
Gear material	Powder Metallurgy (Fe) / Plastics / Steel
Gear design	Helical Gear / Spur Gear
Output shaft bearing	Sleeve Bearing
Lubricant	FUMIO

CONFIGURATION | COMPATIBLE MOTORS

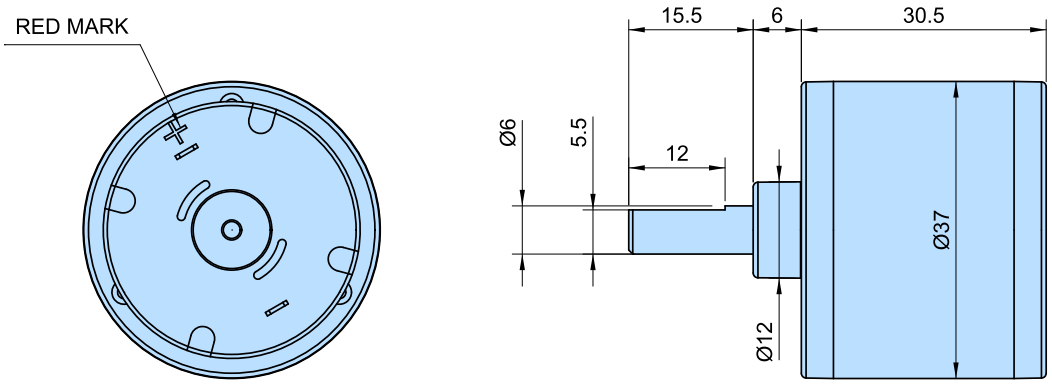
Motor type	Model	Combination
Brushed DC motor	DC528 / DC555	with SR37
Brushless DC motor	BL3229 / BL36 / BLX39	with SR37

Mounting pattern and motor interface must match the selected assembly.

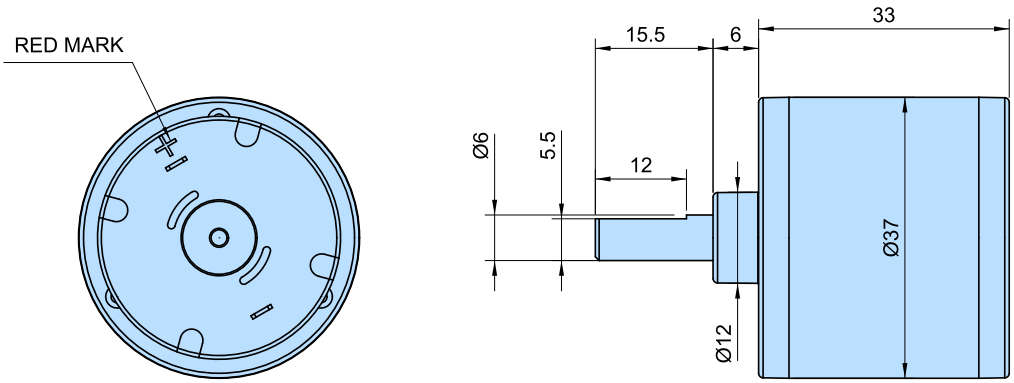
SR37 | DIMENSIONS & MOUNTING

Dimensions in mm · Do not scale · Housing length includes mounting plate

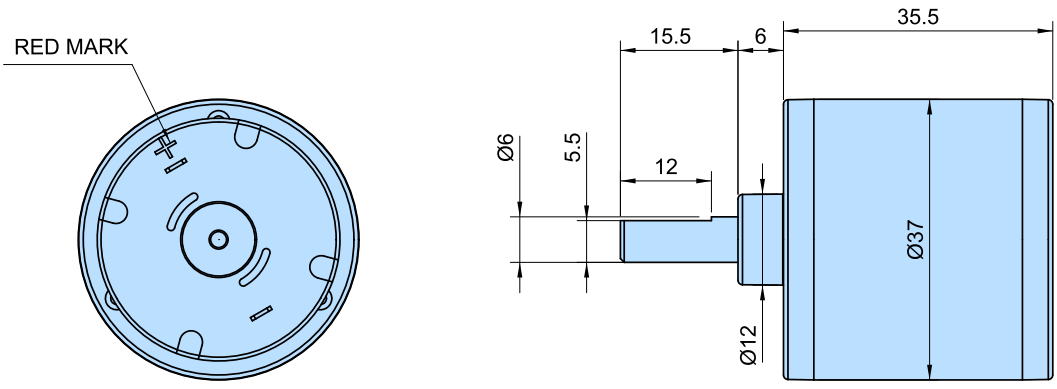
L = 30.5 mm Ratio 9.5 / 10 / 19 / 28.5 / 43 :1



L = 33 mm Ratio 57 / 85.5 / 128 :1



L = 35.5 mm Ratio 171 / 256.5 / 385 :1



L = 38 mm Ratio 513 / 769.5 / 1154 :1

