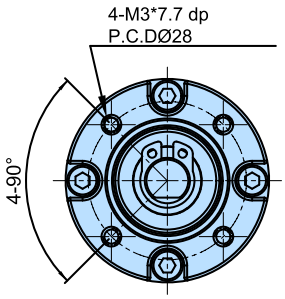
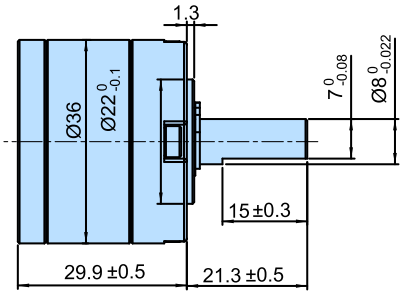
PG36

Ø36 mm · 14 ratios · 5 housing lengths







Shown: L = 29.9 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
PG36-5K	5	1	29.9	20	60	90	144.9
PG36-18.5K	18.5	2	37.2	50	150	81	187.1
PG36-26K	26	2	37.2	50	150	81	187.1
PG36-69K	69	3	43.5	50	150	72	221.1
PG36-96K	96	3	43.5	50	150	72	221.1
PG36-134K	134	3	43.5	50	150	72	221.1
PG36-255K	255	4	49.8	100	300	60	258.2
PG36-356K	356	4	49.8	100	300	60	258.2
PG36-498K	498	5	56.1	100	300	50	291.7
PG36-696K	696	4	49.8	100	300	60	258.2
PG36-943K	943	5	56.1	100	300	50	291.7
PG36-1319K	1319	5	56.1	100	300	50	291.7
PG36-1844K	1844	5	56.1	100	300	50	291.7
PG36-2578K	2578	5	56.1	100	300	50	291.7

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

MECHANICAL, MATERIALS & OPERATION

Gearbox diameter	36 mm
Output shaft diameter	8 mm
Pinion hole diameter	φ3.17 mm
Axial play	≤ 0.2 mm
Radial play	≤ 0.1 mm
Backlash	≤ 1.5°
Gear module	0.5

Operating temperature	-30 ~ 65 °C
Housing material	Powder Metallurgy (Fe)
Gear material	Powder Metallurgy (Fe) / Plastics
Gear design	Helical Gear / Spur Gear
Output shaft bearing	Ball Bearing
Lubricant	Graphene oil

CONFIGURATION | COMPATIBLE MOTORS

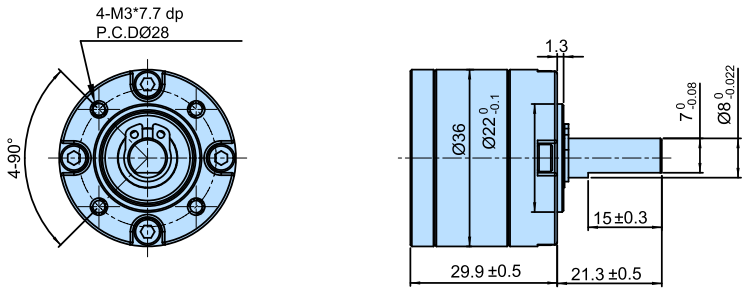
Motor type	Model	Combination
Brushed DC motor	DC555	PG36 + DC555
Brushless DC motor	BL36 / BLX39	with PG36

Mounting pattern and motor interface must match the selected assembly.

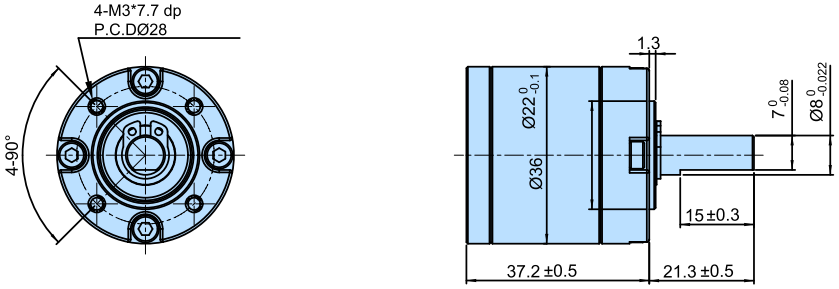
PG36 | DIMENSIONS & MOUNTING

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

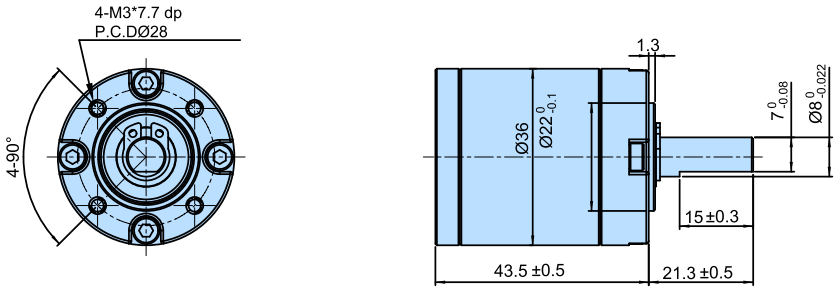
L = 29.9 mm Ratio 5 :1



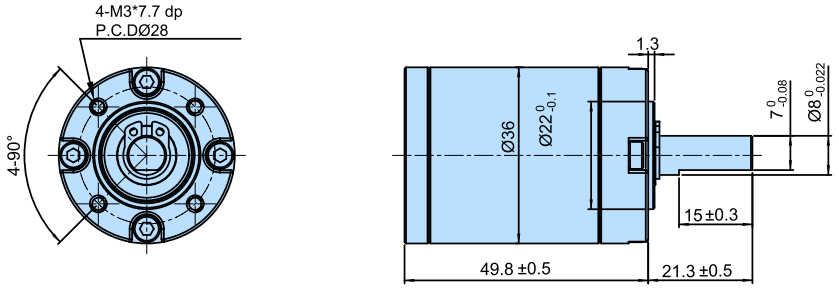
L = 37.2 mm Ratio 18.5 / 26 :1



L = 43.5 mm Ratio 69 / 96 / 134 :1



L = 49.8 mm Ratio 255 / 356 / 696 :1



L = 56.1 mm Ratio 498 / 943 / 1319 / 1844 / 2578 :1

