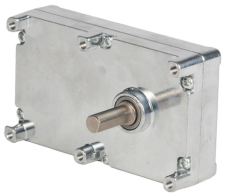
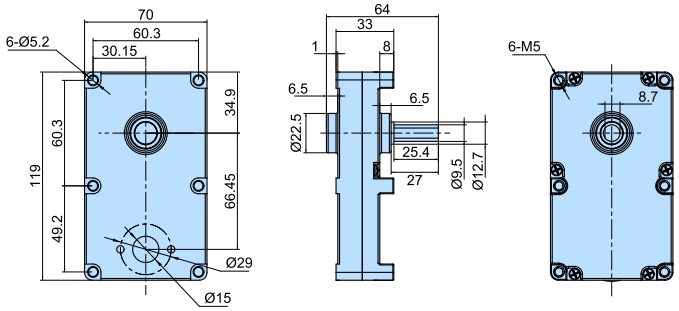
GF

11 ratios · 2 motor interfaces





Shown: GFL1S000-7. 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
GF-127K	127	3	119	30	90	73	620
GF-251K	251	4	119	30	90	65	644
GF-389K	389	4	119	50	150	65	644
GF-590K	590	4	119	50	150	65	644
GF-722K	722	4	119	50	150	65	644
GF-897K	897	4	119	50	150	65	644
GF-1269K	1269	5	119	80	240	59	668
GF-1601K	1601	5	119	80	240	59	668
GF-1929K	1929	5	119	80	240	59	668
GF-3385K	3385	6	119	100	300	53	688
GF-5078K	5078	6	119	100	300	53	688

Reference weights are based on one measured gear ratio per stage configuration.
Actual weight may vary with the selected gear ratio.

MECHANICAL, MATERIALS & OPERATION

Housing L × W × H	119 × 70 × 25 mm	Operating temperature	-30 ~ 65 °C
Output shaft diameter	12.7 mm	Housing material	Zinc Alloy (Die casting)
Pinion hole diameter	φ 3.17 / φ 5 mm	Gear material	Powder Metallurgy (Fe) / Plastics / Steel
Axial play	0.35 mm	Gear design	Helical Gear / Spur Gear
Radial play	0.1 mm	Output shaft bearing	Sleeve Bearing
Backlash	3°	Lubricant	FUMIO
Gear module	0.4 / 0.5 / 0.6 / 0.8 / 1.0		

CONFIGURATION | COMPATIBLE MOTORS

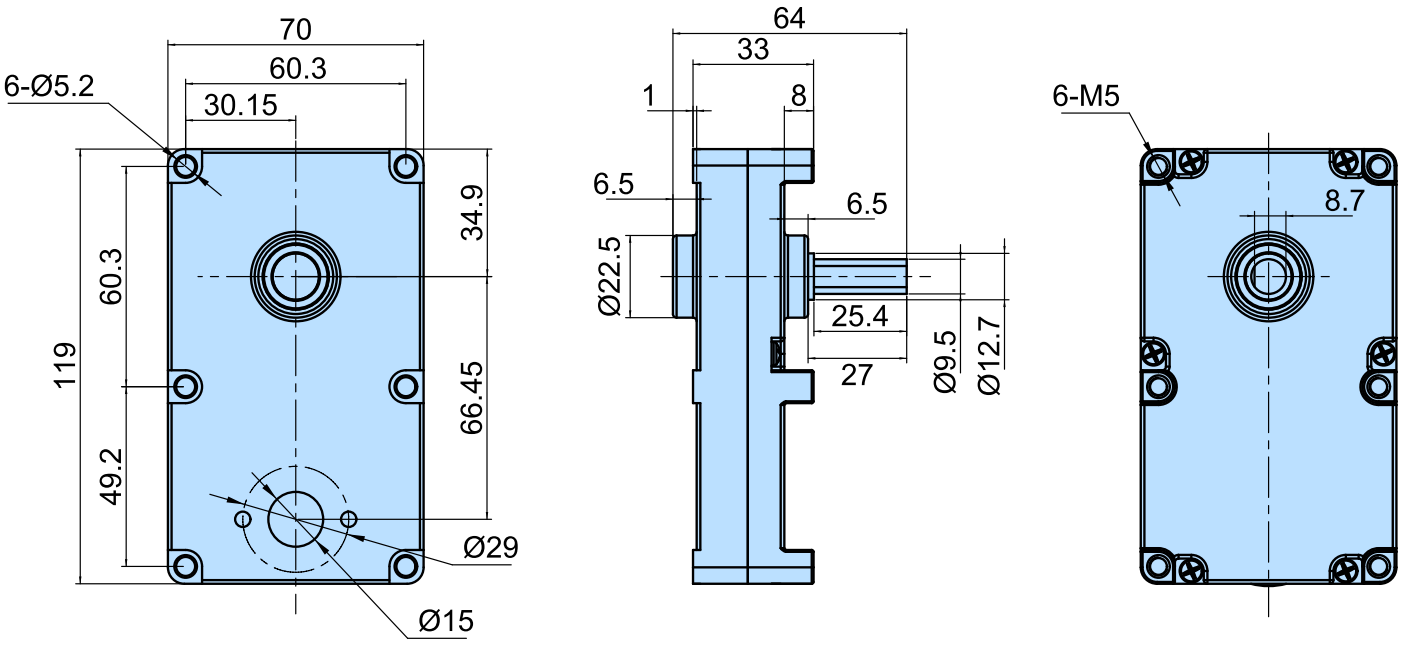
Mounting pattern	Compatible motor models	Motor type
-7	DC775 / BL42 / BLX48	Brushed / Brushless DC
-YJ61	AC-YJ61	AC shaded-pole motor

Mounting pattern and motor interface must match the selected assembly.

GF | DIMENSIONS & MOUNTING

Dimensions in mm · Do not scale · Select the mounting variant to suit the motor interface

GFL1S000-7 Mounting pattern -7 | DC775 / BL42 / BLX48



GFL1S000-YJ61 Mounting pattern -YJ61 | AC-YJ61

