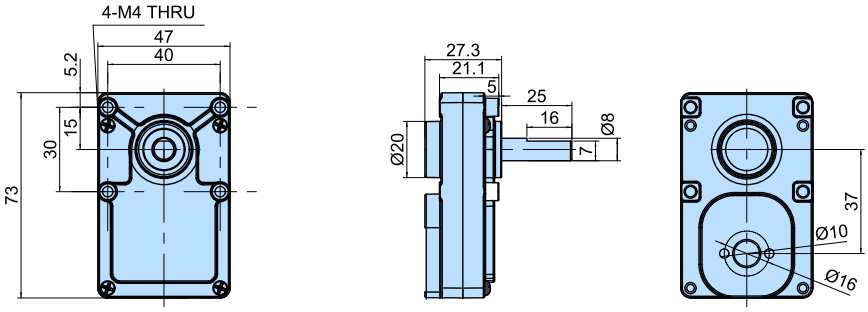
AF

8 ratios · 2 motor interfaces





Shown: AFL1S000-3. 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
AF-13.6K	13.6	3	73	3	9	81	231
AF-36.6K	36.6	4	73	5	15	73	231
AF-67K	67	4	73	5	15	73	231
AF-122K	122	5	73	8	24	65	235
AF-176.4K	176.4	5	73	8	24	65	235
AF-244.2K	244.2	6	73	10	30	59	239
AF-366K	366	6	73	10	30	59	239
AF-529K	529	6	73	10	30	59	239

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	73 × 47 × 21 mm	Operating temperature	-30 ~ 65 °C
Output shaft diameter	8 mm	Housing material	Zinc Alloy (Die casting)
Pinion hole diameter	φ 2 / φ 3.17 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	0.5 / 0.6 / 0.8		

CONFIGURATION | COMPATIBLE MOTORS

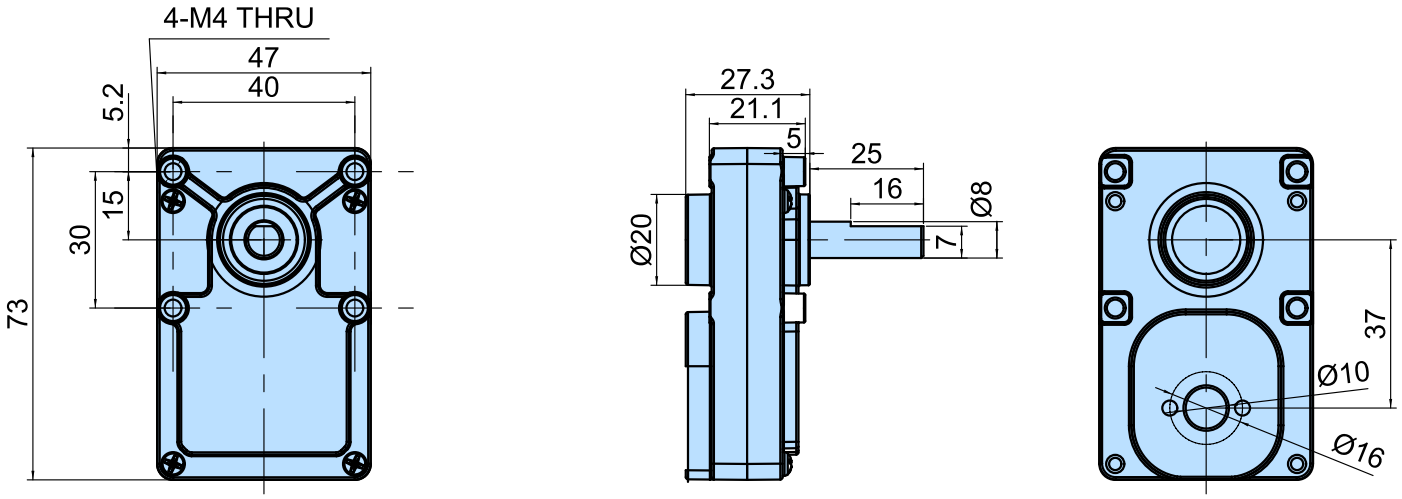
Mounting pattern	Compatible motor models	Motor type
-3	DC528 / BL3229	Brushed / Brushless DC
-5	DC555 / BL36 / BLX39	Brushed / Brushless DC

Mounting pattern and motor interface must match the selected assembly.

AF | DIMENSIONS & MOUNTING

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

AFL1S000-3 Mounting pattern -3 | DC528 / BL3229



AFL1S000-5 Mounting pattern -5 | DC555 / BL36 / BLX39

