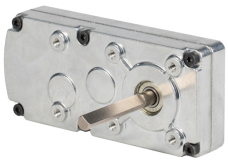
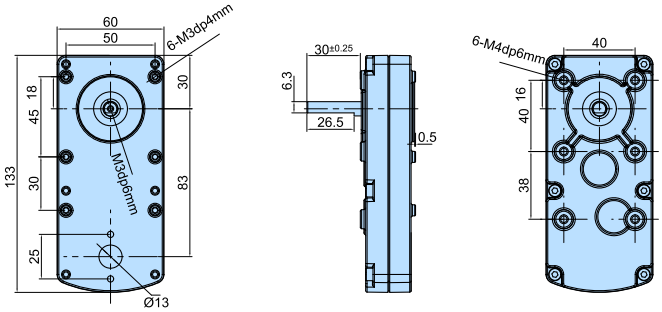
TA

6 ratios · 2 motor interfaces





Shown: TAL1S000-5. 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
TA-35K	35	3	133	150	500	81	420
TA-94K	94	4	133	300	1000	73	443
TA-148.6K	148.6	4	133	300	1000	73	443
TA-304.4K	304.4	5	133	300	1000	65	466
TA-568.3K	568.3	5	133	300	1000	65	466
TA-777K	777	5	133	300	1000	65	466

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	133 × 60 × 25.5 mm	Operating temperature	-30 ~ 65 °C
Output shaft diameter	8 mm	Housing material	Zinc Alloy (Die casting)
Pinion hole diameter	φ 3.17 / φ 5 mm	Gear material	Powder Metallurgy (Fe) / Steel
Axial play	0.35 mm	Gear design	Spur Gear
Radial play	0.1 mm	Output shaft bearing	Ball bearing
Backlash	3°	Lubricant	FUMIO
Gear module	0.8 / 1 / 1.25		

CONFIGURATION | COMPATIBLE MOTORS

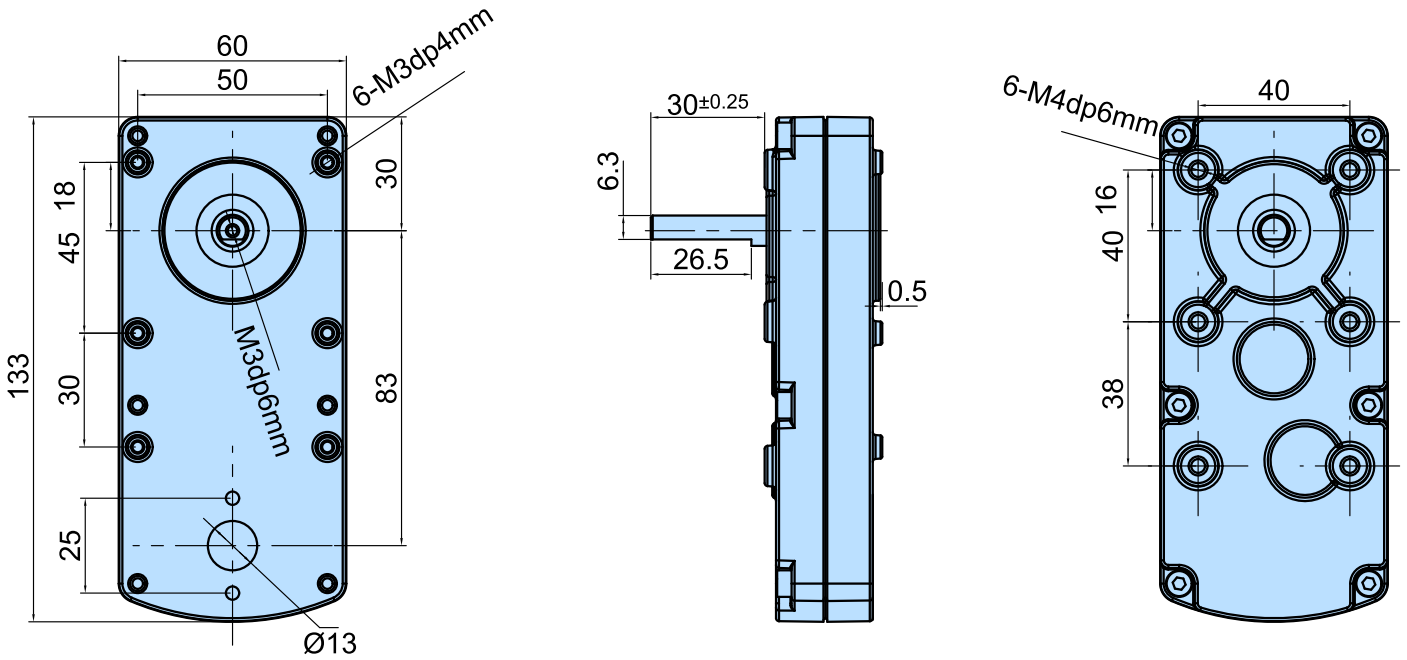
Mounting pattern	Compatible motor models	Motor type
-5	DC555 / BL36 / BLX39	Brushed / Brushless DC
-7	DC775 / BL42 / BLX48	Brushed / Brushless DC

Mounting pattern and motor interface must match the selected assembly.

TA | DIMENSIONS & MOUNTING

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

TAL1S000-5 Mounting pattern -5 | DC555 / BL36 / BLX39



TAL1S000-7 Mounting pattern -7 | DC775 / BL42 / BLX48

