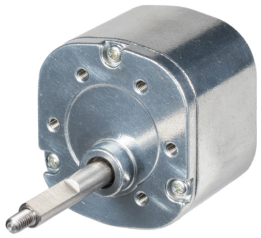
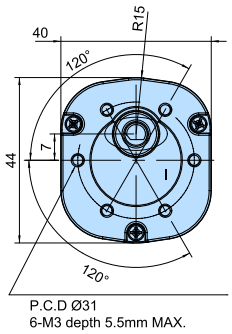
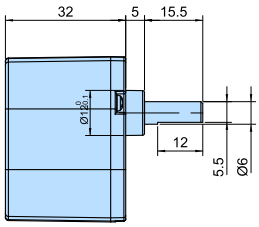
TG40

13 ratios · 1 housing length







Shown: L = 32 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
TG40-10K	10	3	32	3	9	81	133
TG40-14.4K	14.4	3	32	3	9	81	133
TG40-25.8K	25.8	4	32	5	15	73	135
TG40-35.7K	35.7	4	32	5	15	73	135
TG40-65.4K	65.4	5	32	8	24	65	137
TG40-92.7K	92.7	5	32	8	24	65	137
TG40-128.6K	128.6	5	32	8	24	65	137
TG40-235.4K	235.4	6	32	10	30	59	139
TG40-333.8K	333.8	6	32	15	45	59	139
TG40-462.8K	462.8	6	32	15	45	59	139
TG40-847.3K	847.3	7	32	15	45	50	141
TG40-1201.6K	1201.6	7	32	15	45	50	141
TG40-1666.2K	1666.2	7	32	15	45	50	141

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

MECHANICAL, MATERIALS & OPERATION

Gearbox diameter	40 mm
Output shaft diameter	6 mm
Pinion hole diameter	φ3.17 mm
Axial play	0.35 mm
Radial play	0.05 mm
Backlash	2°
Gear module	0.6 / 0.8

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

CONFIGURATION | COMPATIBLE MOTORS

Motor type	Model	Combination
Brushed DC motor	DC555	TG40 + DC555
Brushless DC motor	BL36 / BLX39	with TG40

Mounting pattern and motor interface must match the selected assembly.

TG40 | DIMENSIONS & MOUNTING

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

L = 32 mm	All ratios

