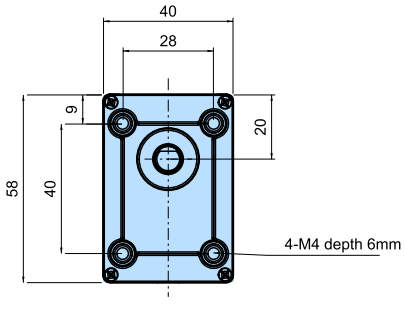
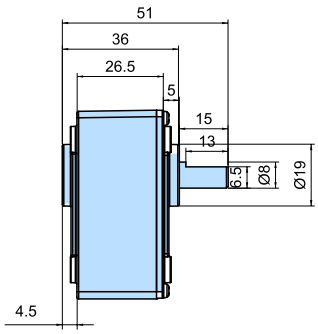
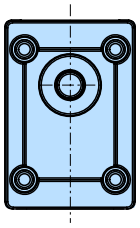
WGM4058

6 ratios









Shown: WGM4058. Dimension drawing is 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
WGM4058-40K	40	3	58	10	30	70	180
WGM4058-86K	86	4	58	30	90	60	180
WGM4058-137K	137	4	58	30	90	60	182
WGM4058-255K	255	4	58	30	90	50	182
WGM4058-422K	422	4	58	30	90	50	185
WGM4058-686K	686	4	58	30	90	50	185

Reference weights are for the gearbox only, excluding the motor.

MECHANICAL, MATERIALS & OPERATION

Housing L × W × H	58 × 40 × 36 mm
Output shaft diameter	8 mm
Worm bore diameter	3.17 mm
Axial play	0.2 mm
Radial play	0.1 mm
Backlash	2°
Worm starts (z)	1
Worm material	Brass / Plastic / Steel

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

CONFIGURATION | COMPATIBLE MOTORS

Motor type	Model	Combination
Brushed DC motor	DC555	WGM4058 + DC555
Brushless DC motor	BL36	WGM4058 + BL36
Brushless DC motor	BLX39	WGM4058 + BLX39

Mounting pattern and motor interface must match the selected assembly.

WGM4058 | DIMENSIONS & MOUNTING

Dimensions in mm · Do not scale · Gearbox only, motor excluded

WGM4058	Compatible motors: DC555 / BL36 / BLX39

