

Geared Motors CX.KC38-33G

Gearbox Data:

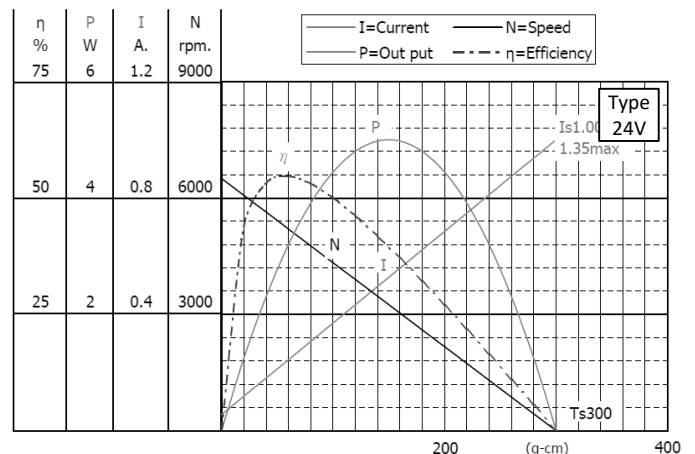
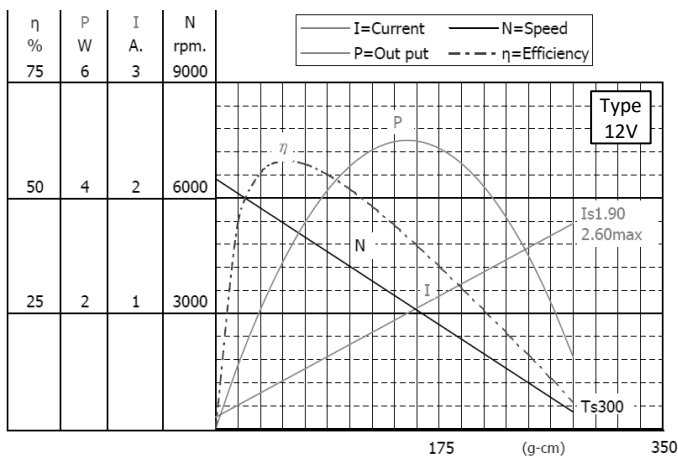
Housing: zamac die-casting
Backlash at no load: $\leq 2^\circ$
Bearing at output: sleeve bearings
Radial Load (10mm from flange): $\leq 0.8\text{Kgf}$
Shaft axial load: $\leq 0.6\text{Kgf}$
Shaft press fit force (max): $\leq 10\text{Kgf}$
Radial play of shaft: $\leq 0.05\text{mm}$
Thrust play of shaft: $\leq 0.35\text{mm}$
Length: 1:8~1:50 = 20.0mm
1:125~1:312.5 = 24.5mm
1:781~1:1953 = 29.0mm



Motor Data:

DC Carbon-brush motor
Nominal Voltage: 12/24Vdc
No Load Speed: @12V: 6500rpm - @24V: 6500rpm
No Load Current: @12V: $\leq 0.11\text{A}$ - @24V: $\leq 0.06\text{A}$
Rated Speed: @12V: 5240rpm - @ 24V: 5270rpm
Rated Current: @12V: $\leq 0.46\text{A}$ - @24V: $\leq 0.24\text{A}$
Rated Torque: @12V: 58g-cm - @24V: 58g-cm
Rated Output: @12V: 3.13W - @24V: 3.10W

Motor Characteristics:



Option:

Hall sensor magnetic encoder

Customize the electric specification according to the customer requirement

Motorgearbox Performance:

Model	Gear ratio	Voltage	Speed @ No Load	Current @ no load	Rated Torque	Rated Speed	Max Momentary Tolerance Torque
		<i>Volt</i>	<i>rpm</i>	<i>A</i>	<i>Kg-cm</i>	<i>rpm</i>	<i>Kg-cm</i>
CX.KC38-33GG	1:8	12.0	812	≤0.15	0.5	620	8.0
		24.0	812	≤0.08	0.5	620	8.0
CX.KC38-33GF	1:20	12.0	320	≤0.15	1.0	245	8.0
		24.0	320	≤0.08	1.0	245	8.0
CX.KC38-33GE	1:50	12.0	130	≤0.15	2.0	100	10.0
		24.0	130	≤0.08	2.0	100	10.0
CX.KC38-33GD	1:125	12.0	50	≤0.15	2.5	45	10.0
		24.0	50	≤0.08	2.5	45	10.0
CX.KC38-33GC	1:312.5	12.0	20	≤0.15	5.0	18	10.0
		24.0	20	≤0.08	5.0	18	10.0
CX.KC38-33GB	1:781	12.0	8	≤0.15	5.0	7.5	10.0
		24.0	8	≤0.08	5.0	7.5	10.0
CX.KC38-33GA	1:1953	12.0	3	≤0.15	5.0	2.5	10.0
		24.0	3	≤0.08	5.0	2.5	10.0

General Tolerances ±15%