

Geared Motors

CX.KR50-33G

Gearbox Data:

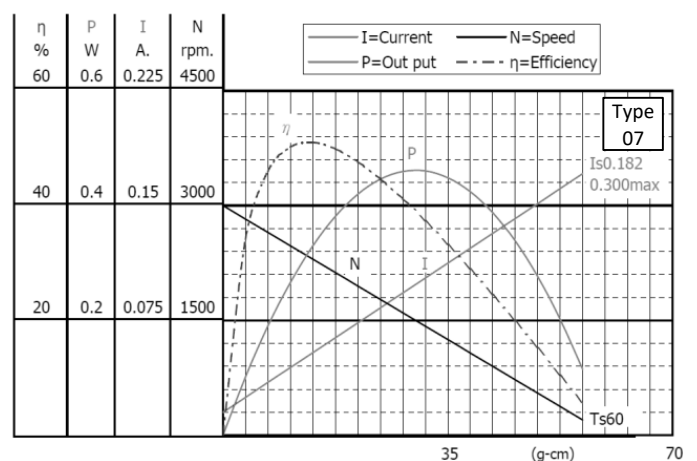
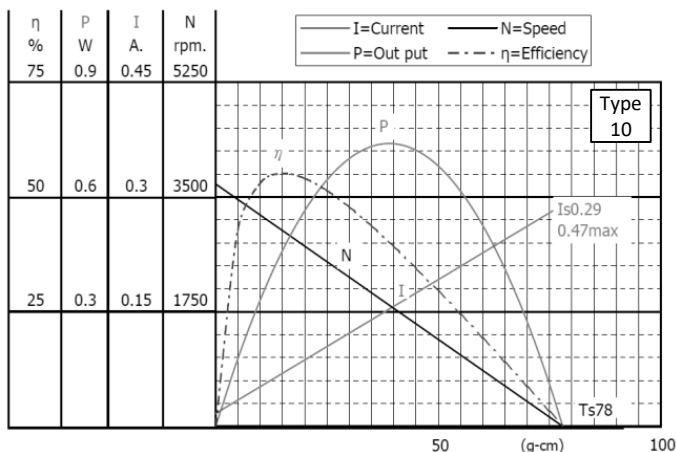
Housing: zamac die-casting
Backlash at no load: $\leq 2^\circ$
Bearing at output: sleeve bearings
Radial Load (10mm from flange): $\leq 0.8\text{Kgf}$
Shaft axial load: $\leq 0.6\text{Kgf}$
Shaft press fit force (max): $\leq 10\text{Kgf}$
Radial play of shaft: $\leq 0.05\text{mm}$
Thrust play of shaft: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



Motor Data:

Precious metal-brush motor
Nominal Voltage: 12Vdc
No Load Speed: (10) 3700rpm – (07) 3000rpm
No Load Current: (10) $\leq 0.02\text{A}$ – (07) $\leq 0.015\text{A}$
Rated Speed: (10) 2979rpm – (07) 2331rpm
Rated Current: (10) $\leq 0.07\text{A}$ – (07) $\leq 0.05\text{A}$
Rated Torque: (10) 15.20g-cm – (07) 13.38g-cm
Rated Output: (10) 0.46W – (07) 0.32W

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.KR50-33GG-10	1:8	12.0	468	≤0.03	0.1	382	2.0
		24.0	***	***	***	***	***
CX.KR50-33GF-10	1:20	12.0	190	≤0.03	0.25	142	3.0
		24.0	***	***	***	***	***
CX.KR50-33GE-10	1:50	12.0	75	≤0.03	0.5	46	3.0
		24.0	***	***	***	***	***
CX.KR50-33GD-10	1:125	12.0	30	≤0.03	1.0	24	5.0
		24.0	***	***	***	***	***
CX.KR50-33GC-10	1:312.5	12.0	12	≤0.03	2.0	10	5.0
		24.0	***	***	***	***	***
CX.KR50-33GB-10	1:781	12.0	4.8	≤0.03	2.5	4.3	10.0
		24.0	***	***	***	***	***
CX.KR50-33GA-10	1:1953	12.0	2	≤0.03	5.0	1.7	15.0
		24.0	***	***	***	***	***
CX.KR50-33GC-07	1:312.5	12.0	10	≤0.02	2.5	7	10.0
		24.0	***	***	***	***	***
CX.KR50-33GA-07	1:1953	12.0	1.5	≤0.02	3.0	1.3	10.0
		24.0	***	***	***	***	***

General Tolerances ±15%