

## Geared Motors CX.KR37-27GA

### Gearbox Data:

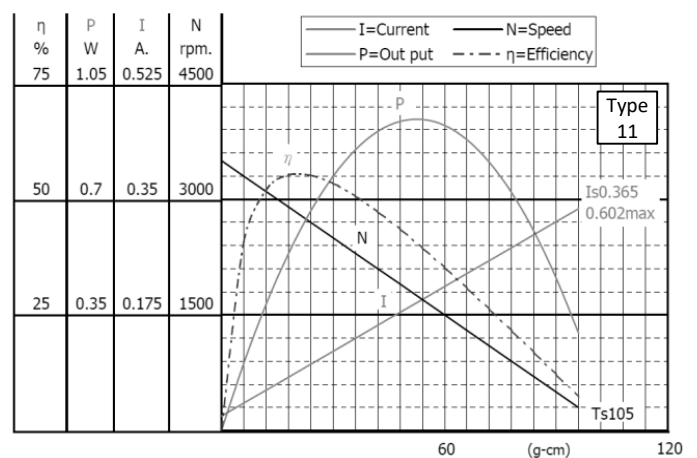
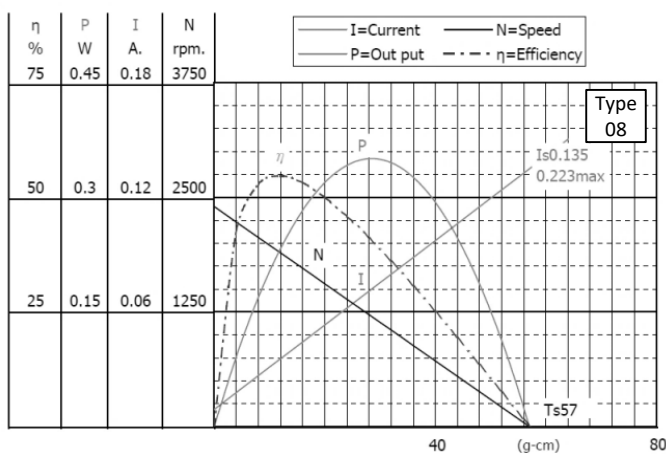
Housing: zamac die-casting  
Backlash at no load:  $\leq 2^\circ$   
Bearing at output: sleeve bearings  
Radial Load (10mm from flange):  $\leq 0.5\text{Kgf}$   
Shaft axial load:  $\leq 0.4\text{Kgf}$   
Shaft press fit force (max):  $\leq 4\text{Kgf}$   
Radial play of shaft:  $\leq 0.05\text{mm}$   
Thrust play of shaft:  $\leq 0.3\text{mm}$   
Length: 24.20mm



### Motor Data:

Precious metal-brush motor  
Nominal Voltage: 12Vdc  
No Load Speed: (08) 2400rpm - (11) 3500rpm  
No Load Current: (08)  $\leq 0.009\text{A}$  - (11)  $\leq 0.022\text{A}$   
Rated Speed: (08) 1907rpm - (11) 2810rpm  
Rated Current: (08)  $\leq 0.035\text{A}$  - (11)  $\leq 0.09\text{A}$   
Rated Torque: (08) 11.70g-cm - (11) 20.70g-cm  
Rated Output: (08) 0.23W - (11) 0.60W

### 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>
<b>CX.KR37-27GA-11</b>	1:43	12.0	81	≤0.03	0.5	65	2.0
		24.0	***	***	***	***	***
<b>CX.KR37-27GA-11</b>	1:90	12.0	39	≤0.03	0.7	31	3.0
		24.0	***	***	***	***	***
<b>CX.KR37-27GA-11</b>	1:188	12.0	19	≤0.03	1.5	14	3.0
		24.0	***	***	***	***	***
<b>CX.KR37-27GA-11</b>	1:392	12.0	9	≤0.03	2.4	7	8.0
		24.0	***	***	***	***	***
<b>CX.KR37-27GA-08</b>	1:43	12.0	56	≤0.01	0.3	44	2.0
		24.0	***	***	***	***	***
<b>CX.KR37-27GA-08</b>	1:90	12.0	27	≤0.01	0.5	21	3.0
		24.0	***	***	***	***	***
<b>CX.KR37-27GA-08</b>	1:188	12.0	13	≤0.01	0.8	10	5.0
		24.0	***	***	***	***	***
<b>CX.KR37-27GA-08</b>	1:392	12.0	6	≤0.01	1.5	4.5	8.0
		24.0	***	***	***	***	***

General Tolerances ±15%