

Geared Motors CX.KR32-27GA

Gearbox Data:

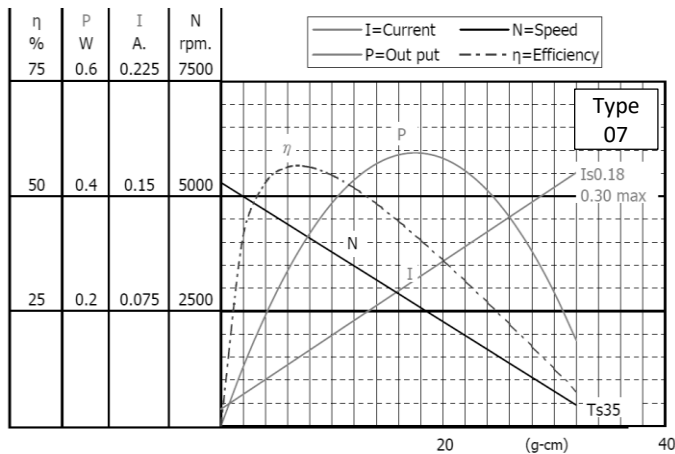
Housing: zamac die-casting
Backlash at no load: $\leq 2^\circ$
Bearing at output: sleeve bearings
Radial Load (10mm from flange): $\leq 0.5\text{Kgf}$
Shaft axial load: $\leq 0.4\text{Kgf}$
Shaft press fit force (max): $\leq 4\text{Kgf}$
Radial play of shaft: $\leq 0.05\text{mm}$
Thrust play of shaft: $\leq 0.3\text{mm}$
Length: 1:43~1:392 = 24.20mm
1:819 = 27.70mm



Motor Data:

DC Precious Metal-Brush motor
Operating Range Voltage: 3~12Vdc
Nominal Voltage: 12Vdc
No Load Speed: 5300rpm
No Load Current: $\leq 0.02\text{A}$
Rated Speed: 4250rpm
Rated Current: $\leq 0.05\text{A}$
Rated Torque: 6.94g-cm
Rated Output: 0.30W

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.KR32-27GA-07	1:43	12.0	120	≤0.04	0.20	92	3.0
		24.0	***	***	***	***	***
CX.KR32-27GA-07	1:90	12.0	58	≤0.04	0.30	44	3.0
		24.0	***	***	***	***	***
CX.KR32-27GA-07	1:188	12.0	28	≤0.04	0.75	20.5	3.0
		24.0	***	***	***	***	***
CX.KR32-27GA-07	1:392	12.0	13	≤0.04	1.00	10.5	8.0
		24.0	***	***	***	***	***
CX.KR32-27GA-07	1:819	12.0	6.3	≤0.04	2.00	5	8.0
		24.0	***	***	***	***	***

General Tolerances ±15%