

GEARED MOTORS Serie CX.37GBS

Electric performances

Article	Ratio To:1	L mm	Voltage (D.C.)		No Load		Rated Load			Max Torque Ncm
			Operating Range	Nominal Constant	Speed rpm	Current mAmp	Speed rpm	Current mAmp	Torque Ncm	
CX.37GBS.10	10	19.50	6.0~30.0	12.0 24.0	610	≤160 ≤80	530	≤1200 ≤600	10	20
CX.37GBS.30	30	22.00	6.0~30.0	12.0 24.0	210	≤160 ≤80	190	≤1200 ≤600	18	40
CX.37GBS.50	50	24.50	6.0~30.0	12.0 24.0	130	≤160 ≤80	115	≤1200 ≤600	30	60
CX.37GBS.75	75	24.50	6.0~30.0	12.0 24.0	90	≤160 ≤80	75	≤1200 ≤600	45	80
CX.37GBS.100	100	24.50	6.0~30.0	12.0 24.0	65	≤160 ≤80	55	≤900 ≤400	60	90
CX.37GBS.120	120	27.00	6.0~30.0	12.0 24.0	55	≤160 ≤80	43	≤900 ≤400	70	120
CX.37GBS.150	150	27.00	6.0~30.0	12.0 24.0	43	≤160 ≤80	38	≤900 ≤400	80	120
CX.37GBS.200	200	27.00	6.0~30.0	12.0 24.0	33	≤160 ≤80	28	≤900 ≤400	100	150
CX.37GBS.250	250	27.00	6.0~30.0	12.0 24.0	27	≤160 ≤80	22	≤900 ≤400	130	160
CX.37GBS.500	500	29.50	6.0~30.0	12.0 24.0	13	≤160 ≤80	11	≤900 ≤400	150	180
CX.37GBS.1000	1000	29.50	6.0~30.0	12.0 24.0	6	≤160 ≤80	5	≤900 ≤400	160	190
CX.37GBS.3000	3000	32.00	6.0~30.0	12.0 24.0	2	≤160 ≤80	1,5	≤900 ≤400	200	210

General Tollerances ± 15%

*** do not apply a higher load to the maximum shown torque***

General Information

- Direction of rotation according to polarity
- Operation relative humidity 20%~85% RH
- Radial load ≤ 1Kgf (10mm from the flange)
- Pinion in brass
- Backlash, at no load ≤ 2°
- Possibility to deliver the geared motors with hall sensor magnetic encoder
- Possibility to customized the electric specification according to the customer requirement.
- Working temperature: -10°C ~ +60°C
- Gearbox with sleeve bearing
- Shaft axial load ≤ 0.7Kgf
- Metal cutting gears
- Shaft press fit force, max ≤20Kgf