

255 DC Gear Motor

Features:

Low price • Continuity of operation possible • Decreased noise and smooth rotation due to the use of high-precision gears • Input shaft and output shaft have different centerlines • Coreless motor design • Options available, see Options section



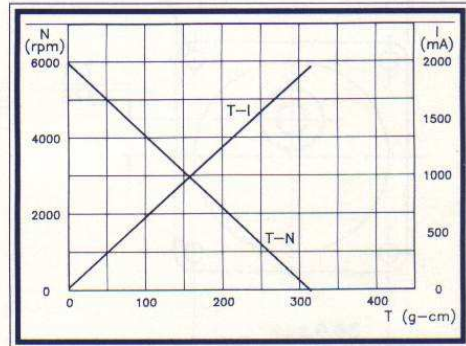
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Crystal Lake, Illinois 60014
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Model Number	Rated Voltage (VDC)	Rated Output (Watts)	Rated Load (g-cm)	Rated Speed (RPM)	Rated Current (mA)	No Load Speed (RPM)	No Load Current (mA)	"A" Dim. (mm)	"B" Dia. (mm)
255-1	12.0	2.70	50	5200	360	6000	100	29.5	34.4
255-2	12.0	1.98	52	3700	280	4650	50	26.0	35.4
255-3	24.0	2.00	52	3800	135	4650	25	26.0	35.4

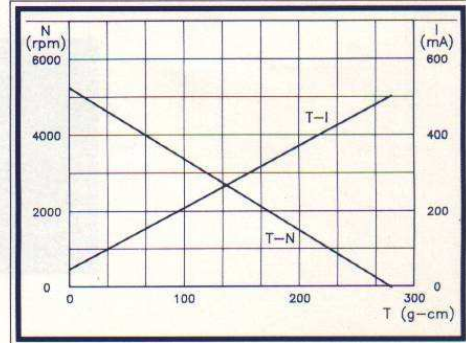
GEARHEADS

Reduction Ratio	"L" Length (mm)	Continuous Output Torque (kg-cm)	Momentary Output Torque (kg-cm)	Efficiency
6:1	20.8	1.0	3.0	81%
15:1	20.8	1.0	3.0	73%
18:1	20.8	1.0	3.0	73%
29.55:1	20.8	2.0	6.0	73%
35.58:1	23.3	2.0	6.0	66%
49:1	23.3	3.0	9.0	66%
59.09:1	23.3	3.0	9.0	66%
80.49:1	23.3	4.0	12.0	66%
102.62:1	25.8	6.0	18.0	60%
115.95:1	25.8	6.0	18.0	60%
129.82:1	25.8	6.0	18.0	60%
150.76:1	25.8	6.0	18.0	60%
181.75:1	25.8	6.0	18.0	60%
200.09:1	25.8	6.0	18.0	60%
241.47:1	25.8	6.0	18.0	60%
302.92:1	28.3	6.0	18.0	54%
494.55:1	28.3	6.0	18.0	54%
684.55:1	28.3	6.0	18.0	54%

255-1 (12.0 VDC)



255-2 (12.0 VDC)



255-3 (24.0 VDC)

