

A black, rectangular, industrial-grade motor with a silver-colored output shaft and a multi-colored cable connector. The motor has a robust, boxy design with mounting feet on the bottom. The output shaft is visible on the front face, and a cable with a multi-colored connector is attached to the side.

[illegible]

	減速比 Reduction ratio	1/4	1/15	1/19	1/52	1/60	1/77	1/98	1/201	1/294	1/403	1/517							
24V	定格扭力 Rated torque (Kg-cm)	11	40	52	125	143	150	150	180	180	180	180							
	定格轉數 Rated speed (rpm)	700	171	133	47	41.8	32.5	25.4	12	8.5	6.2	4.8							
	軸心迴轉方向 Rotation direction	CW/CCW																	
	長度 Length (L)	53.3	69.8		86.3				102.8										

定格電壓 Rated volt (V)	定格扭力 Rated torque (g-cm)	定格轉數 Rated speed (rpm)	定格電流 Rated current (mA)	無負荷轉數 No load speed (rpm)	無負荷電流 No load current (mA)	定格出力 Rated output (W)	重量 Weight (g)
24	4000	2500	≤ 6000	3000	≤ 600	102.7	1300
啟動扭力 Start torque (g-cm)	絕緣抗耐 Insulation voltage	絕緣阻抗 Insulation resistance	絕緣等級 Insulation class	使用相對溼度 Operating relative humidity	使用溫度範圍 Operating temperaturre range		
5000	60HZ AC500V	100MΩ DC500V	A class (105℃)	20%-85%RH	0~+50℃		

Graph of Torque (g-cm) vs Speed (rpm) for the motor. The y-axis ranges from 0 to 5000 g-cm, and the x-axis ranges from 0 to 3000 rpm. The curve shows a constant torque region from 0 to 2000 rpm at 5000 g-cm, followed by a linear drop to 2000 g-cm at 3000 rpm. A point is marked on the curve at 2500 rpm and 4000 g-cm, labeled "定格扭力 Rated torque (g-cm)".

型 號 Type	DBMC100-3
輸入電壓 Input voltage	DC 24V±10%
速度控制範圍 Speed control range	300~3000 rpm
速度設定方式 Speed control way	1. 內部速度設定 2. 外部速度設定 Internal control External speed control 3. 外部直流電壓控制 (DC 0~5V) External voltage control (DC 0~5V)