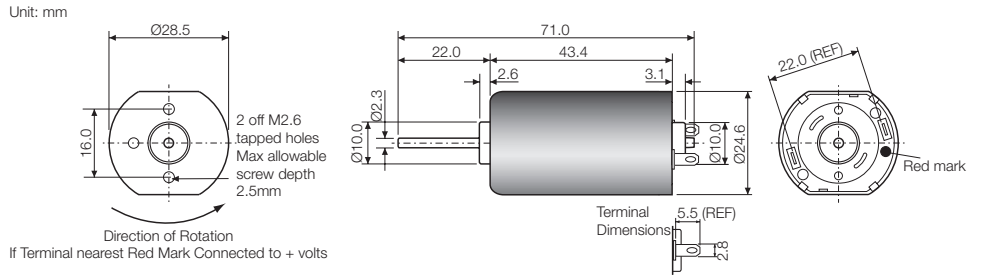


# DC Motors

DF2843-1997

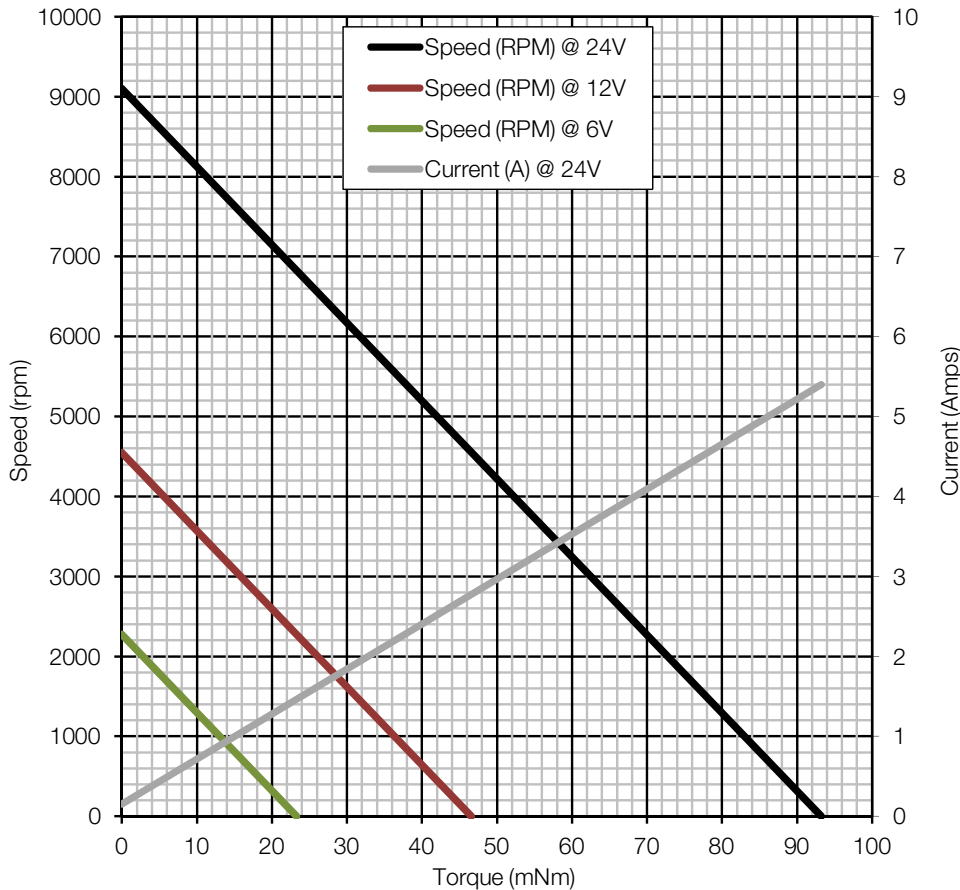
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Model Number	Performance									
	Volts V	No Load		Maximum Efficiency				Stall		Max Power W
		Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	
DF2843-1997	24	9100	0.15	7757	0.69	13.8	11.2	93.2	5.4	22.2
	12	4550	0.12	3786	0.60	7.8	3.1	46.6	2.7	5.6
	6	2275	0.10	1807	0.40	4.8	0.9	23.3	1.4	1.4

Performance characteristics and general specification are from calculated data.

## Characteristics



## General Specification

Bearings	Sintered
Brushes	Carbon
Rotation	Bi-directional
Number of poles	5
Operating voltage	6 V to 30 V
Nominal resistance	8.4 Ω
Nominal inductance	3.1 mH
Typical detent torque	5 mNm
Suppression	Internal Ring Varistor
Weight	100 g

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