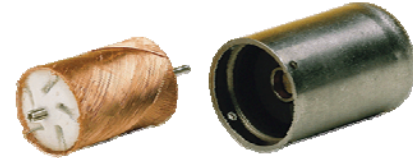


Features

Axial (Dynamic)	≤1.7N
Radial (4mm From Jamming Ring)	≤5.5N
Press-Fit Force (Static)	≤80N
Axial Play (Measured Under Less Than 4N Axial Force)	0.05 - 0.15mm
Maximum Radial Play	0.02mm



Specifications

		CD28-0612	CD28-0918	CD28-1124	CD28-1136				
Assigned power rating	W	6.0	8.5	11.0	11.0				
Nominal voltage	V	12.0	18	24	36				
Terminal resistance ±10%	Ω	1.67	4	6.7	15.3				
No load speed ±10%	rpm	6020	6040	6040	5870				
No load current	mA	40.0	20.0	17.1	11.3				
Speed constant	rpm/V	502	336	252	163				
Torque constant	mN.m/A	18.94	28.34	37.78	58.31				
Starting current	mA	7186	4167	3593	2353				
Stall torque	mN.m	136.09	118.07	135.75	137.21				
Max. efficiency	%	86	87	87	87				
Current	mA	544	547	543	364				
Torque	mN.m	10.30	15.50	20.5	21.23				
Speed	rpm	5564	5247	5127	4962				
Output power	W	6000.000	8512.000	11010.000	11024.000				
Max. permissible winding temp.	°C	85	85	85	85				
Ambient temperature range	°C	-20 -- +65	-20 -- +65	-20 -- +65	-20 -- +65				
Weight	g	122.6	122	122	122				

Note:

1. Motor data tested at ambient temperature 25°C. Data varies when the temperature changes.
2. Motor service life different from operating conditions. In common condition, service life is achievable between approx. 1000 to 3000 hours.
3. Excessive bending of motor terminals may result in breakage when more than 3 times.