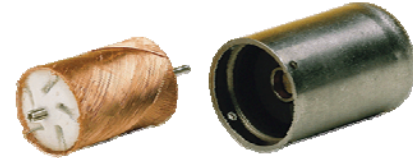


Features

Axial (Dynamic)	≤2.4N
Radial (4mm From Jamming Ring)	≤28N
Press-Fit Force (Static)	≤110N
Axial Play (Measured Under Less Than 4N Axial Force)	0.05 - 0.15mm
Maximum Radial Play	0.025mm



Specifications

		CD36-4112	CD36-4215	CD36-4524	CD36-4530	CD36-4236			
Assigned power rating	W	41.0	42.0	45.0	45.0	42.0			
Nominal voltage	V	12.0	15	24	30	36			
Terminal resistance ±10%	Ω	0.56	1	1.4	2.0	2.90			
No load speed ±10%	rpm	6010	6260	6130	6090	6220			
No load current	mA	248.0	190.0	56.5	53.9	49.6			
Speed constant	rpm/V	501	417	255	203	173			
Torque constant	mN.m/A	18.86	22.69	37.28	46.90	55.08			
Starting current	mA	21390	21676	17143	15000	12414			
Stall torque	mN.m	403.32	491.89	639.13	703.43	683.71			
Max. efficiency	%	80	82	89	88	88			
Current	mA	4270	3364	2135	1682	1324			
Torque	mN.m	80.51	76.34	79.6	78.88	72.92			
Speed	rpm	4810	5288	5367	5407	5557			
Output power	W	40536.000	42255.000	44711.000	44641.000	42410.00			
Max. permissible winding temp.	°C	85	85	85	85	85			
Ambient temperature range	°C	-20 -- +65	-20 -- +65	-20 -- +65	-20 -- +65	-20 -- +65			
Weight	g	338.0	340	340	340	340			

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.