

Ventilation and Fan line

Wound Series DC Motors

The Wound Series DC Motors 75ZLC have the armature and field windings connected in a series circuit. These type motors normally drive loads that require precise speed regulation. Starting torque developed in series motors normally ranges between 300% and 375% of full load, but can be as high as 800% of full load torque. These motors can easily be configured in 2 & 3 speed, as well as reversible models.



Electronical Specification

No.	Type	Rated Voltage (v)	High Speed Current (A)	Middle Speed Current (A)	Low Speed Current (A)	High-Speed (r/min)
1	75ZLC001	12	≤ 1.8		≤ 1.4	6200 ± 15%
2	75ZLC002	24	≤ 1.5	≤ 1.2	≤ 1.0	10000 ± 15%
3	75ZLC004	12	≤ 1.8	≤ 1.3	≤ 1.1	11000 ± 15%
4	75ZLC005	13.5	≤ 4.0	≤ 3.0	≤ 2.7	14000 ± 15%
5	75ZLC006	13.5	≤ 3.8	≤ 3.3	≤ 2.8	13000 ± 15%
6	75ZLC007	12	≤ 1.0		≤ 0.9	8419 ± 15%
7	75ZLC007B	12	≤ 1.0		≤ 0.9	8419 ± 15%
8	75ZLC009	12	≤ 3.8	≤ 3.0	≤ 2.7	14000 ± 15%
9	75ZLC0010	12	≤ 4.0	≤ 3.0	≤ 2.7	14000 ± 15%