



Motor LN/LV56.5 - 56.10 - 56.15

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85-600W

Data sheet -----

Motors LN56 no fanning LV56 self-ventilated - protection IP54 - 2 poles

Battery supply - form factor 1

Rated voltage 12/24/36V - continuous duty S1

Starting current till 200% of the nominal one - insulation F class



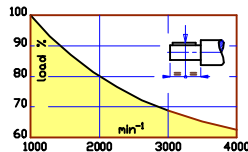
LN MOTORS NO FANNING

TYPE	1500 min ⁻¹			2000 min ⁻¹			3000 min ⁻¹			
LN56.5	85W	12V - 8.4A	0.53Nm	110W	12V - 11A	0.53Nm	165W	12V - 16.6A	0.53Nm	
		24V - 4.2A			24V - 5.5A			24V - 8.4A		
		36V - 2.7A			36V - 3.7A			36V - 5.5A		
LN56.10	165W	12V - 16.6A	1Nm	200W	12V - 20A	0.95Nm	200W	12V - 20A	0.64Nm	
		24V - 8.4A		220W	24V - 11A		24V - 16.6A	330W		24V - 16.6A
		36V - 5.5A		36V - 7.4A	36V - 11A		36V - 16.6A	1Nm		
LN56.15	200W	12V - 20A	1.3Nm	--	12V - --	--	--	12V - --	--	
	250W	24V - 12.6A		330W	24V - 16.6A		400W	24V - 20A		1.3Nm
		24V - 8.4A		36V - 11A	1.6Nm		500W	36V - 16.6A		1.6Nm

LV MOTORS SELF-VENTILATED

TYPE	1500 min ⁻¹			2000 min ⁻¹			3000 min ⁻¹			
LV56.5	100W	12V - 10A	0.64Nm	135W	12V - 13.5A	0.64Nm	200W	12V - 20A	0.64Nm	
		24V - 5A			24V - 6.8A			24V - 10A		
		36V - 3.3A			36V - 4.5A			36V - 6.7A		
LV56.10	200W	12V - 20A	1.3Nm	200W	12V - 20A	0.95Nm	200W	12V - 20A	0.64Nm	
		24V - 10A		270W	24V - 13.5A		400W	24V - 20A		1.3Nm
		36V - 6.7A		36V - 9A	36V - 13.3A		1.3Nm			
LV56.15	200W	12V - 20A	1.3Nm	--	12V - --	--	--	12V - --	--	
	300W	24V - 15A		400W	24V - 20A		400W	24V - 20A		1.3Nm
		36V - 10A		36V - 13.3A	1.9Nm		600W	36V - 20A		1.9Nm

Tolerance ±10%



type LN-LV56

Radial load at 1000min⁻¹: 300N

Axial load: 1/10 Radial load

Shafts

D	E	P	H	d
9	20	3x3x12	10.2	M3x8
11	23	4x4x15	12.5	M4x10
14	30	5x5x20	16	M5x12

Flange B14

F	N	M	T	S
80	50	65	2	M5
90	60	75	2	M5
105	70	85	2	M6

Flange B5

F	Q	N	M	T	S
120	--	80	100	3	6.5
--	105	95	115	2.5	9
--	120	110	130	2.5	9

Type	L	Weight	Type	L	Weight
LN56.5	149	2.7Kg	LV56.5	172	2.9Kg
LN56.10	196	4.2Kg	LV56.10	219	4.4Kg
LN56.15	241	5.6Kg	LV56.15	264	5.8Kg

no fanning

self-ventilated

