



Motor LN/LV74.6 - 74.9 - 74.12 - 74.18

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280-2000W

Data sheet -----



Motors LN74 no fanning LV74 self-ventilated - protection IP54 - 4 poles

Battery supply - form factor 1

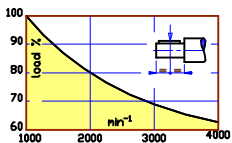
Rated voltage 12/24/36V - continuous duty S1

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		
LN74.6	280W	12V - 28A	1.8Nm	375W	12V - 38A	1.8Nm	560W	12V - 56A	1.8Nm
		24V - 14A			24V - 19A			24V - 28A	
		36V - 9.5A			36V - 12.6A			36V - 19A	
LN74.9	400W	12V - 40A	2.6Nm	540W	12V - 55A	2.6Nm	700W	12V - 70A	2.2Nm
		24V - 20A			24V - 27A		800W	24V - 40A	2.6Nm
		36V - 13.4A			36V - 18A		36V - 27A	36V - 27A	2.6Nm
LN74.12	550W	12V - 55A	3.5Nm	700W	12V - 70A	3.5Nm	---	12V - ---	---
		24V - 27A			24V - 37A		1090W	24V - 55A	3.5Nm
		24V - 18A			36V - 25A		36V - 37A	36V - 37A	3.5Nm
LN74.18	700W	12V - 70A	4.5Nm	---	12V - ---	---	---	12V - ---	---
	750W	24V - 37A	4.8Nm	1000W	24V - 50A	4.8Nm	1400W	24V - 70A	4.5Nm
		24V - 25A	4.8Nm		36V - 33A			4.8Nm	1500W

LV MOTORS SELF-VENTILATED									
TYPE	1500 min ⁻¹			2000 min ⁻¹			3000 min ⁻¹		
LV74.6	350W	12V - 35A	2.2Nm	470W	12V - 47A	2.2Nm	700W	12V - 70A	2.2Nm
		24V - 17A			24V - 24A			24V - 35A	
		36V - 12A			36V - 16A			36V - 23A	
LV74.9	510W	12V - 51A	3.2Nm	670W	12V - 67A	3.2Nm	700W	12V - 70A	2.2Nm
		24V - 25A			24V - 34A		1000W	24V - 50A	3.2Nm
		36V - 17A			36V - 22A		36V - 34A	36V - 34A	3.2Nm
LV74.12	700W	12V - 70A	4.5Nm	940W	12V - 70A	4.5Nm	---	12V - ---	---
		24V - 35A			24V - 47A		1400W	24V - 70A	4.5Nm
		36V - 23A			36V - 31A		36V - 47A	36V - 47A	4.5Nm
LV74.18	700W	12V - 70A	4.5Nm	---	12V - ---	---	---	12V - ---	---
	1000W	24V - 50A	6.4Nm	1330W	24V - 67A	6.4Nm	1400W	24V - 70A	4.5Nm
		36V - 34A	6.4Nm		36V - 45A			6.4Nm	2000W

Tolerance ±10%



type LN-LV74
Radial load at 1000min⁻¹: 410N
Axial load : 1/10 Radial load

Shafts				
D	E	P	H	d
14	30	5x5x20	16	M5x12
19	40	6x6x30	21.5	M6x18

Flange B14				
F	N	M	T	S
105	70	85	2.5	M6
120	80	100	2.5	M6

Flange B5				
F	N	M	T	S
160	110	130	3	9.5
200	130	165	3	11

Type	L	Weight	Type	L	Weight
LN74.6	211	7.6Kg	LV74.6	245	8Kg
LN74.9	244	10.1Kg	LV74.9	278	10.5Kg
LN74.12	274	11.6Kg	LV74.12	308	12Kg
LN74.18	334	15.6Kg	LV74.18	368	16Kg

