

### Approvals



### Life expectancy

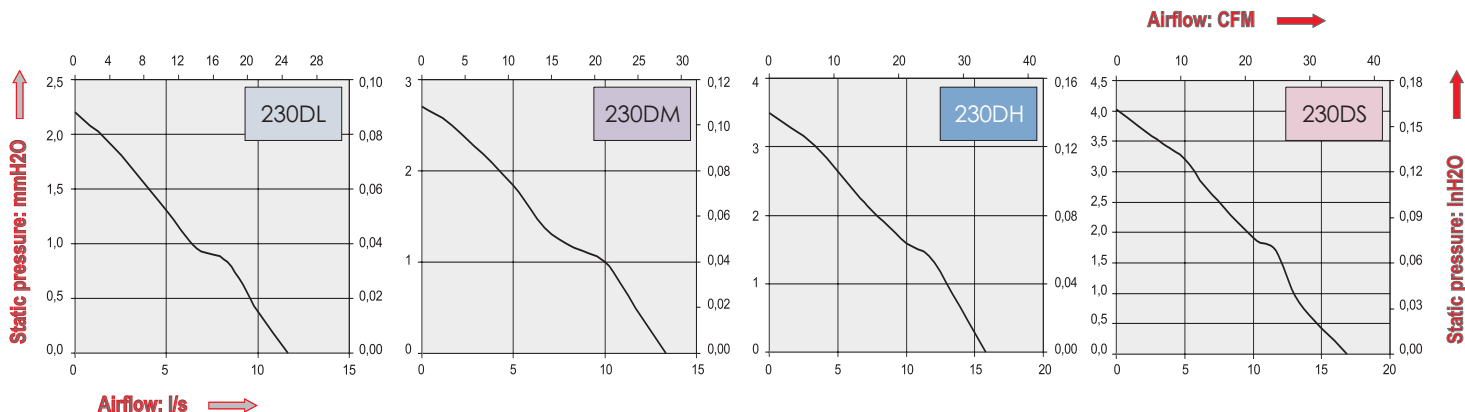
L-10 LIFE AT 40°C:  
80 000 hours

### Brushless DC Motor

Electrical protection: impedance protected  
Housing material: plastic UL 94 VO  
Impeller material: plastic UL 94 VO  
Weight: 58 g  
Bearing system: ball bearings

### Available with:

- Speed sensor
- Open collector alarm
- IP54 / IP55



Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Input Power	Voltage range	Connection type		Operating temperature	
	V						l/s	dB(A)	RPM	W
230DL1LP11000	12	11,7	27,5	2400	1,1	(7-13,8)	X		-10	70
230DL2LP11000	24	11,7	27,5	2400	1,2	(14-27,6)	X		-10	70
230DM1LP11000	12	13,3	30,5	2700	1,3	(7-13,8)	X		-10	70
230DM2LP11000	24	13,3	30,5	2700	1,4	(14-27,6)	X		-10	70
230DH1LP11000	12	15,8	34	3100	1,7	(7-13,8)	X		-10	70
230DH2LP11000	24	15,8	34	3100	1,9	(14-27,6)	X		-10	70
230DS1LP11000	12	16,8	37	3400	1,9	(7-13,8)	X		-10	70
230DS2LP11000	24	16,8	37	3400	2,4	(14-27,6)	X		-10	70

### Additional versions:

Higher speeds (see page 16)

### Accessories:

Refer to Accessories leaflet