

### Approvals

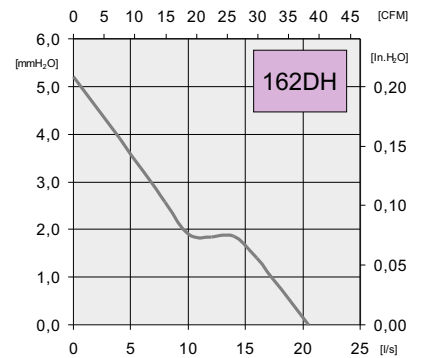
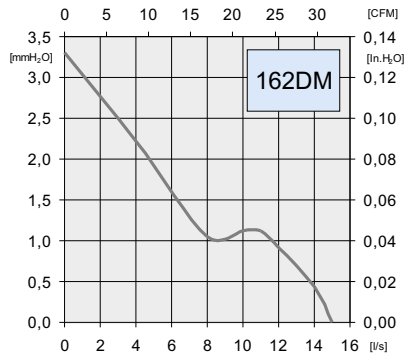
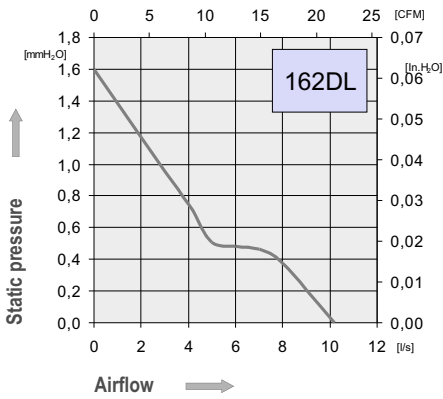


### Life expectancy

L-10 LIFE AT 40°C:  
 50 000 hours (Sleeve bearings)  
 80 000 hours (Ball bearings)

**Brushless DC Motor**  
 Electrical protection: thermally protected  
 Housing material : plastic UL 94 VO  
 Impeller material : plastic UL 94 VO  
 Weight: 0,190 kg

**Available with:**  
 - CMOS/TTL speed sensor  
 - IP 54



Non contractual document, specifications are subject to change without prior notice. Features for information only.

Part Number	Nominal voltage	Airflow	Noise level	Nominal speed	Input power	Voltage range	Bearing system		Connection type		Operating temperature	
	V	l/s	dB(A)	RPM	W	V	Ball	Sleeve	Leads	Terminals	Min.°C	Max.°C
162DL1LP11000	12	10,2	19	1700	0,7	(10-14)	X		X		-10	55
162DL1LP31000	12	10,2	19	1700	1,1	(10-14)		X	X		-10	55
162DM1LP11000	12	15	27,5	2500	1,5	(10-14)	X		X		-10	55
162DM1LP31000	12	15	27,5	2500	1,8	(10-14)		X	X		-10	55
162DM2LP11000	24	15	27,5	2500	1,7	(20-28)	X		X		-10	55
162DM2LP31000	24	15	27,5	2500	2,2	(20-28)		X	X		-10	55
162DH1LP11000	12	20,5	33,5	3250	2,5	(10-14)	X		X		-10	55
162DH1TP11000	12	20,5	33,5	3250	2,5	(10-14)	X			X	-10	55
162DH1LP31000	12	20,5	33,5	3250	2,9	(10-14)		X	X		-10	55
162DH1TP31000	12	20,5	33,5	3250	2,9	(10-14)		X		X	-10	55
162DH2LP11000	24	20,5	33,5	3250	3,1	(20-28)	X		X		-10	55
162DH2TP11000	24	20,5	33,5	3250	3,1	(20-28)	X			X	-10	55
162DH2LP31000	24	20,5	33,5	3250	3,6	(20-28)		X	X		-10	55
162DH2TP31000	24	20,5	33,5	3250	3,6	(20-28)		X		X	-10	55
162DH4LP11000	48	20,5	33,5	3250	3,5	(42-54)	X		X		-10	55
162DH4LP31000	48	20,5	33,5	3250	3,5	(42-54)		X	X		-10	55

### Accessories:

- Plastic finger guard P/N : PFG-92 & 91-53
- Plastic filter P/N : F90/T102
- Metal mesh filter P/N : 90-G
- Metal finger guard P/N : 9901-43
- Rubber mounts AM10