

XLS



Large-diameter axial fan for farms

Wall-mounted axial fans designed for large, low-speed airflows with automatic louvre opening system.

Fan:

- Sheet steel base plate.
- Galvanised steel structure
- Galvanised sheet steel impeller
- Protection guard, meets UNE 100250 standard
- Designed especially for use in farms and hothouses
- Airflow direction from motor to impeller

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with bearings, IP55 protection.
- Three-phase 230/400V-50Hz
- Working temperature: -25°C.+ 50°C

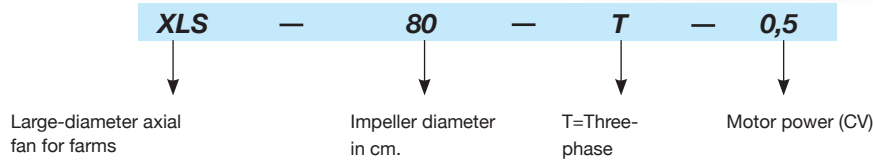
Finish:

- Anticorrosive galvanized sheet steel

On request:

- Without shutter and with a protective grille on the impulsion side
- Special windings for different voltages

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		230V	400V				
XLS-80-T-0.5	570	1.70	1.00	0.37	16000	63	48
XLS-80-T-0.75	630	2.40	1.40	0.55	18000	65	49
XLS-100-T-0.5	398	2.10	1.20	0.37	25000	62	63
XLS-100-T-0.75	472	2.80	1.60	0.55	29000	65	64
XLS-100-T-1	503	3.50	2.00	0.75	32000	66	66
XLS-125-T-1	437	3.50	2.00	0.75	38000	69	87
XLS-125-T-1.5	485	4.80	2.80	1.10	43000	72	90

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

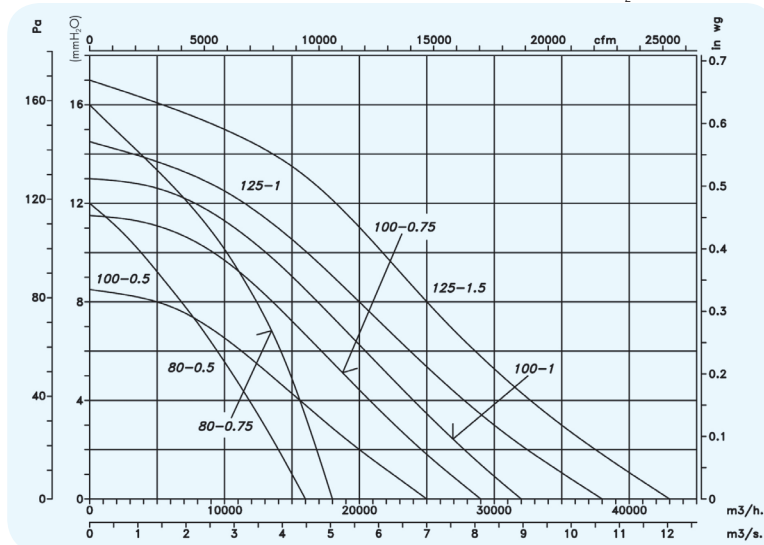
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.								Model	Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.							
	63	125	250	500	1000	2000	4000	8000		63	125	250	500	1000	2000	4000	8000
XLS-80-T-0.5	57	64	72	74	72	69	66	58	XLS-100-T-1	61	69	77	79	77	74	70	63
XLS-80-T-0.75	59	66	74	76	74	71	68	60	XLS-125-T-1	64	72	80	82	80	77	73	66
XLS-100-T-0.5	57	65	73	75	73	70	66	59	XLS-125-T-1.5	67	75	83	85	83	80	76	69
XLS-100-T-0.75	60	68	76	78	76	73	69	62									

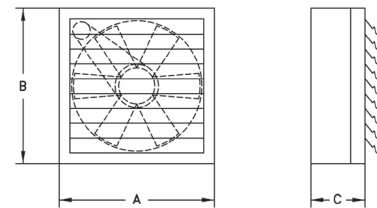
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mmH₂O, Pa and inwg.



Dimensions in mm



Model	A	B	C
XLS-80	925	925	427
XLS-100	1125	1125	447
XLS-125	1375	1375	480