

- Duct fans
- Circular
- Mixed flow
- AC 230 V



Duct fans type ETALINE 3N

3 speed mixed flow duct fan with high efficiency

Application

- Thanks to the fact that the motor is integrated in the stator's hub, out of the air stream, the **ETALINE 3N** fans can be used for slightly polluted air.
- The **ETALINE 3N** fans are used for ventilation in offices, schools and small spaces, etc.

Composition

- Compact fan housing with mounting bracket included.
- The fan housing is made out of polyamid. The impeller balanced according to the quality of G6.3 according to DIN ISO 1940 on two Levels.
- The motor is equipped with maintenance-free, long-life ball bearings.
- Supply: 230Vac 1ph
- Insulation class F – protection class IP44
- Motor with overheat protection

Accessories

- 3-speed switch, type **SC4**
- Fitting clamp, type **BMK**
- Protection grille, type **BSV-S**

Text for tender

Fans are of the mixed flow type and are equipped with a 3-speed motor 230Vac 1ph. Can be fitted in any position. Air volume up to 1500 m³/h. Including mounting brackets. Housing from polyamid. 3-speed motor with integrated thermal switch.

Order example

ETALINE 160L 3N 01 + SC4

ETALINE = Type of fan

160L = diameter (large housing)

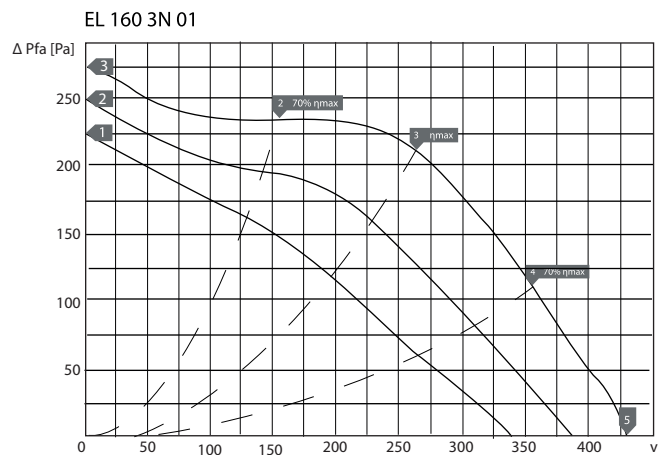
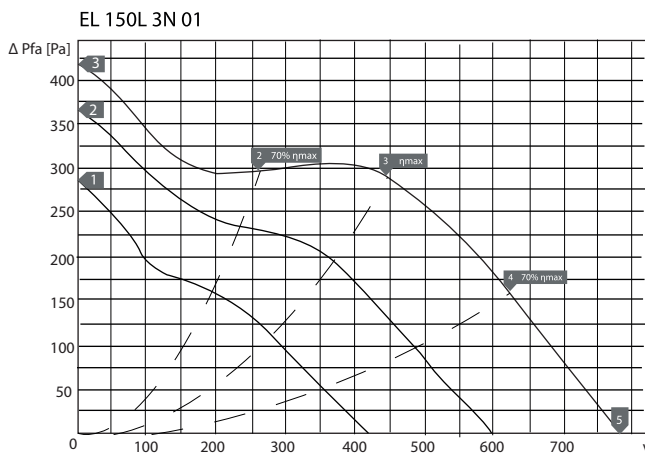
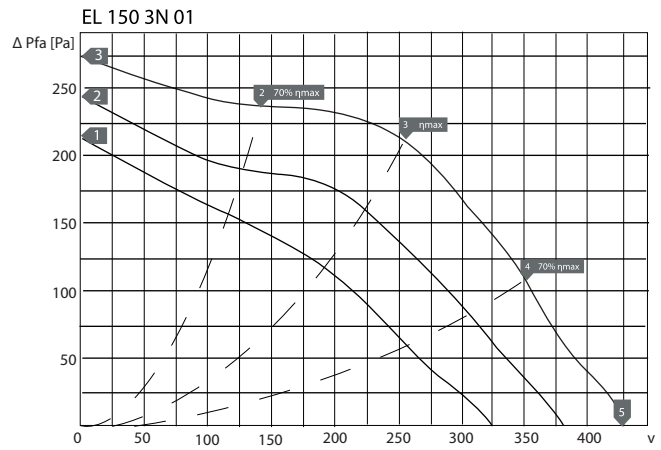
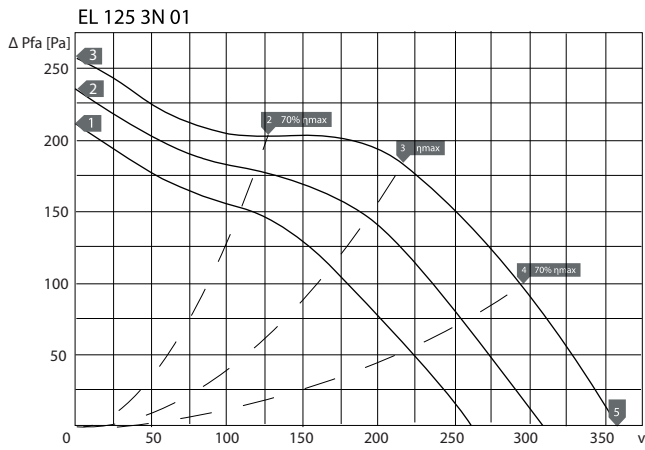
3N = 3-speed motor

01 = version

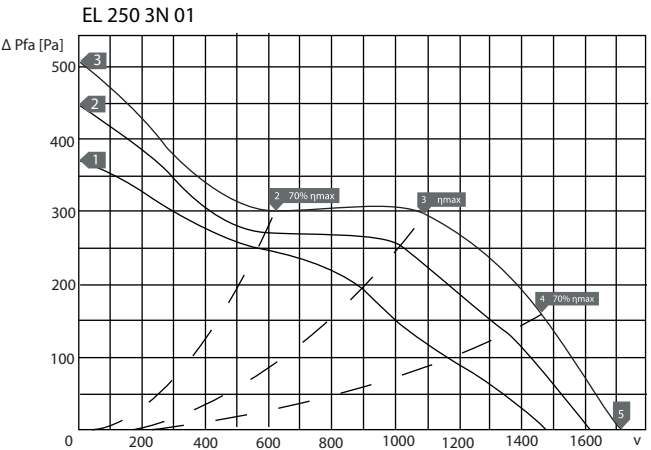
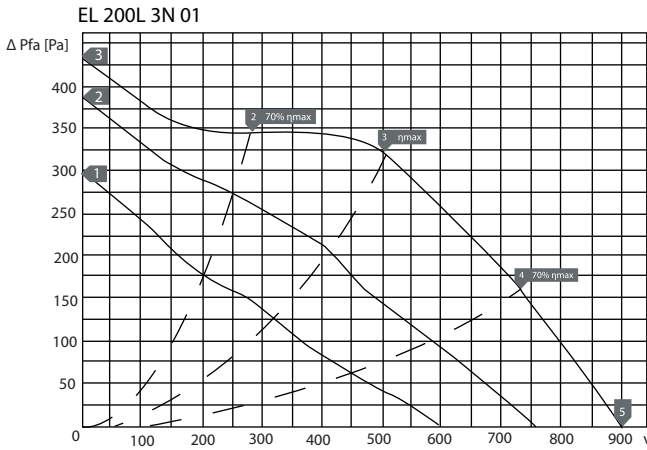
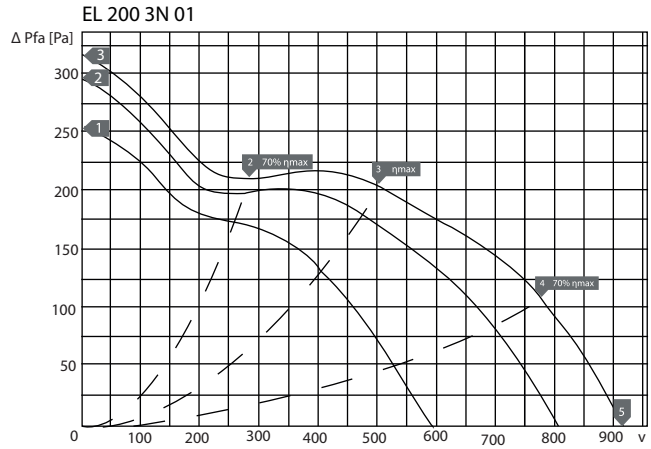
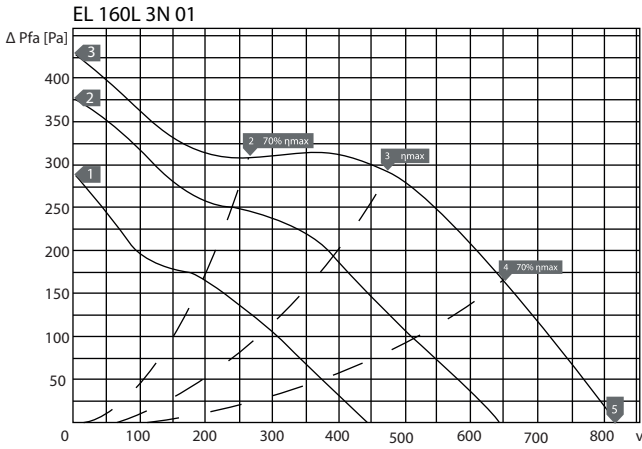
SC4 = 3-speed operation switch

Air performance data						
	Q [m³/h]					
	50Pa	100Pa	150Pa	200Pa	250Pa	300Pa
ETALINE 125 3N 01	330	295	250	180	10	-
ETALINE 160 3N 01	400	360	320	270	50	-
ETALINE 160L 3N 01	770	710	660	600	540	440
ETALINE 200 3N 01	860	790	680	500	140	-
ETALINE 200L 3N 01	850	800	740	680	610	530
ETALINE 250 3N 01	1640	1560	1480	1380	1260	570

Selection curves

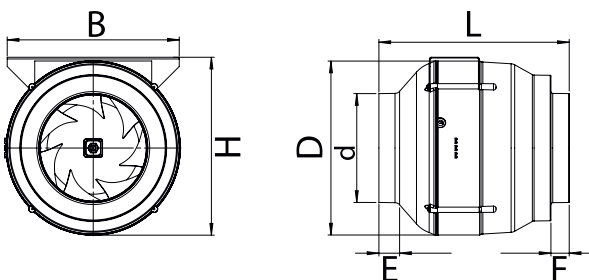


Selection curves



Technical data											
	U [V]	P [W]	I [A]	η _t [%]	T _m [°C]	T _u [°C]	T _o [°C]	n [rpm]	Lwa [dB(A)]		
									Lwa 5	Lwa 6	Lwa 2
ETALINE 125 3N 01	1 x 230	52	0.24	22.3	80	80	-25	2740	67	66	55
ETALINE 160 3N 01	1 x 230	53	0.30	32.9	80	80	-25	2779	68	70	58
ETALINE 160L 3N 01	1 x 230	130	0.60	33.1	50	50	-25	2614	71	72	64
ETALINE 200 3N 01	1 x 230	109	0.50	32.7	60	60	-25	2724	73	77	63
ETALINE 200L 3N 01	1 x 230	130	0.59	35.6	50	50	-25	2703	75	77	69
ETALINE 250 3N 01	1 x 230	180	0.82	53	50	50	-25	2885	78	79	65

- η_t = Maximum total efficiency
- T_m = Maximum air temperature
- T_u = Maximum ambient temperature
- T_o = Minimum operating temperature
- Lwa 2 = Casing sound power level
- Lwa 5 = Sound power level @inlet
- Lwa 6 = Sound power level @outlet
- The sound power levels are measured according to DIN 45635 part 2 & 38



	Dimensions							
	B [mm]	D [mm]	d [mm]	E [mm]	F [mm]	L [mm]	H [mm]	[kg]
ETALINE 125 3N 01	190	191	124	22	24	215	197	2.4
ETALINE 160 3N 01	190	191	159	22	23	215	197	2.2
ETALINE 160L 3N 01	235	238	159	22	23	260	243	3.4
ETALINE 200 3N 01	199	201	-	-	-	225	205	3.2
ETALINE 200L 3N 01	243	238	199	22	23	245	243	3.3
ETALINE 250 3N 01	245	250	-	-	-	278	259	7.1