

# 1 ELL - ELL/AP EL-SR / EL-ST

ELETTROVENTILATORI ASSIALI  
AXIAL FANS

## TAMBURO IN LAMIERA D'ACCIAIO STEEL SHEET CASE

Altri materiali  
disponibili a richiesta  
Other materials  
available on request

## GRIGLIA DI PROTEZIONE PROTECTION GRILL

Per dettagli posizione  
griglia e flusso aria vedi  
pagina 31  
For protection grill position  
and air flux details see  
page 31

## GIRANTE / IMPELLER

**TIL / ELL:** lega leggera d'alluminio antiscintilla  
spark proof light aluminium alloy  
**ELL/AP:** tecnopolimero con mozzo d'alluminio pressofuso  
techno-polymer with die-cast aluminium hub  
**EL-SR :** lega d'alluminio pressofusa  
die cast aluminium alloy  
**EL-ST:** lega d'alluminio antiscintilla  
spark proof alloy

## MOTORE ELETTRICO IDONEO PER APPLICAZIONI SOTTO INVERTER

**Efficienza IE3-IE4**  
**Caratteristiche elettriche**  
12÷24Vdc  
110÷120Vac 1~ 60Hz  
208÷250Vac 1~ & 3~ 50/60Hz  
360÷440Vac 3~ 50 & 60Hz  
IP22/55 - Ins.Class.B/F

## ELECTRIC MOTOR SUITABLE FOR INVERTER APPLICATION

**IE3-IE4 efficiency**  
**Electric motor features**  
12÷24Vdc  
110÷120Vac 1~ 60Hz  
208÷250Vac 1~ & 3~ 50/60Hz  
360÷440Vac 3~ 50 & 60Hz  
IP22/55 - Ins.Class.B/F

Materiali e caratteristiche indicative da confermare in fase di ordine / Materials and characteristics indicative to be confirmed with the order.



Ventilazione sala macchine  
Engine room ventilation



Ventilazione locali tecnici  
Technical room ventilation



ELL



ELL/AP

## Descrizione

I ventilatori assiali sono concepiti per trasportare grandi portate di aria a basse pressioni. Idonei a convogliare aria pulita o leggermente polverosa con temperatura da -20°C a +80°C in servizio continuo. Tali ventilatori possono lavorare ad asse verticale od orizzontale, ciò permette di fissarli al soffitto o alla parete.

### TIL - ELL - ELL/R

Ventilatori assiali reversibili con flusso preferenziale (indicated dal flusso A o B) con girante in lega leggera d'alluminio antiscintilla costruiti in esecuzione standard o con tamburo ridotto /R con griglia di protezione.

### EL-SR / EL-ST

Ventilatori assiali con raddrizzatore di flusso integrato che ne migliorano nettamente le caratteristiche in particolare pressione, rendimento e rumorosità. La presenza del raddrizzatore ne obbliga l'utilizzo con il solo flusso "girante - motore" per questa ragione entrambi i ventilatori non possono essere reversibili.

### ELL/AP

Ventilatori assiali reversibili con flusso preferenziale (indicated dal flusso A o B) con girante a profilo alare ad alto rendimento in tecnopolimero con angolo di calottamento variabile da fermo e griglia di protezione.

## Main feature (ELL)

- Good delivery at low pressure
- Reversible impeller in die-cast aluminium
- Protection grill
- Painted steel

## Main feature (EL-SR / EL-ST)

- Robust casing with "diffusor vanes" to increase performance
- Aluminium variable pitch blades in still position
- Top of range in pressure, efficiency, noise

## Description

Axial blowers are built for to obtain big air flow rates at low pressure. Suitable for clean air or slightly dusty conveying with temperature from -20 °C to +80°C in continuous service. These blowers can work with the vertical axis or horizontal oriented that allows to attach the blowers to ceiling or wall.

### TIL - ELL - ELL/R

Axial reversible fans with preferential flux (indicated with flux A or B) with impeller in spark-proof aluminium alloy made in standard construction or with reduced case /R for reduced dimension with protection grill

### EL-SR / EL-ST

Axial fans with downstream guide vanes gives an improvement of the performances, particularly pressure, efficiency and noise. The presence of downstream guide forces the system to be used only in "blades-motor" flow direction, for this reason both models are not reversible.

### ELL/AP

Axial reversible fans with preferential flux (indicated with flux A or B) with impeller in high efficiency aerofoil profile in techno-polymer with variable pitch angle in still position and protection grill.

## Main feature (ELL/AP)

- Good delivery at medium pressure
- Techno-polymer/Aluminium variable pitch blades in still position
- Ideally functioned by an inverter (variable speed)
- Customized models available according to performance and dimensions
- Protection grill
- Painted steel, s/steel or aluminium casing







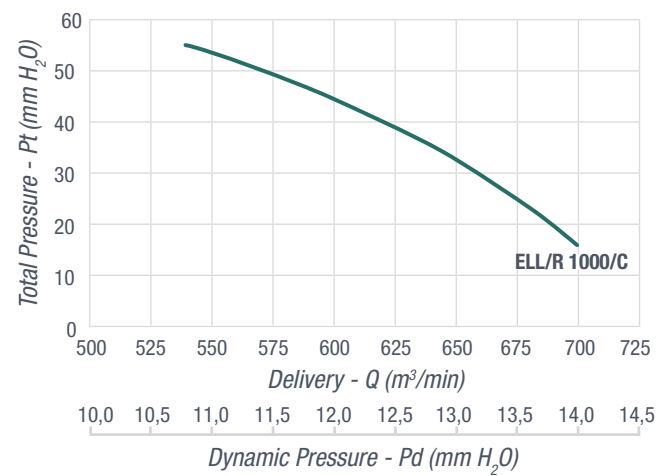
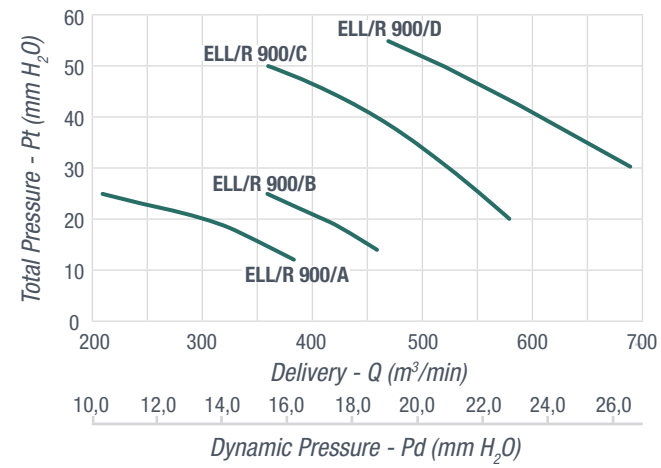
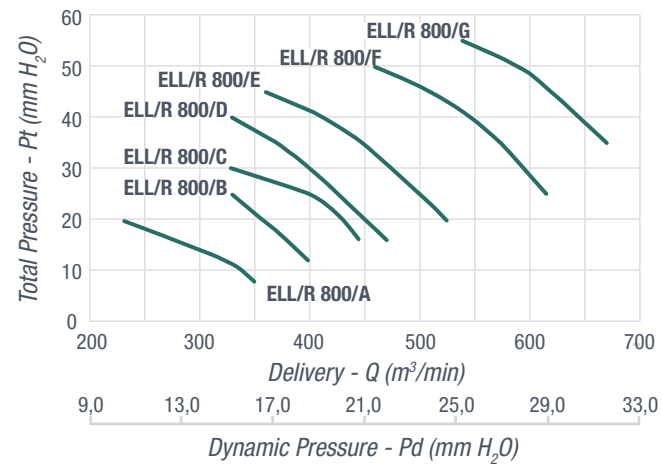
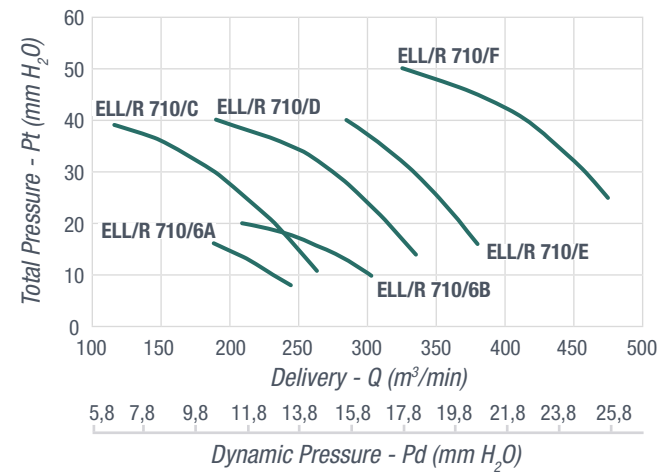
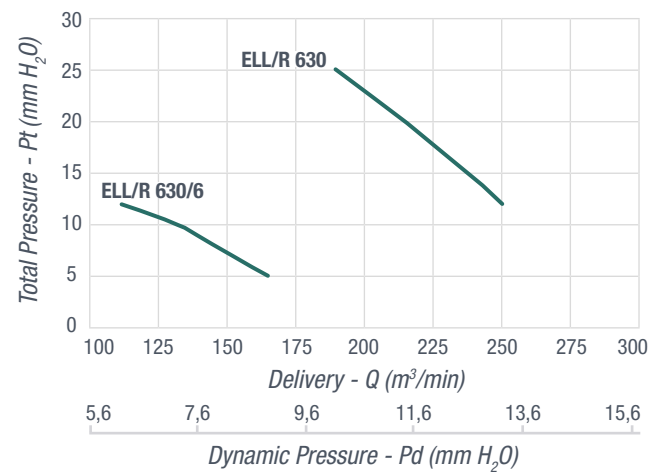
# ELL

AXIAL FANS



## CURVA CARATTERISTICA / PERFORMANCE CURVE

50Hz - AC



GIANNESCHI®  
pumps and blowers



1  
ELL

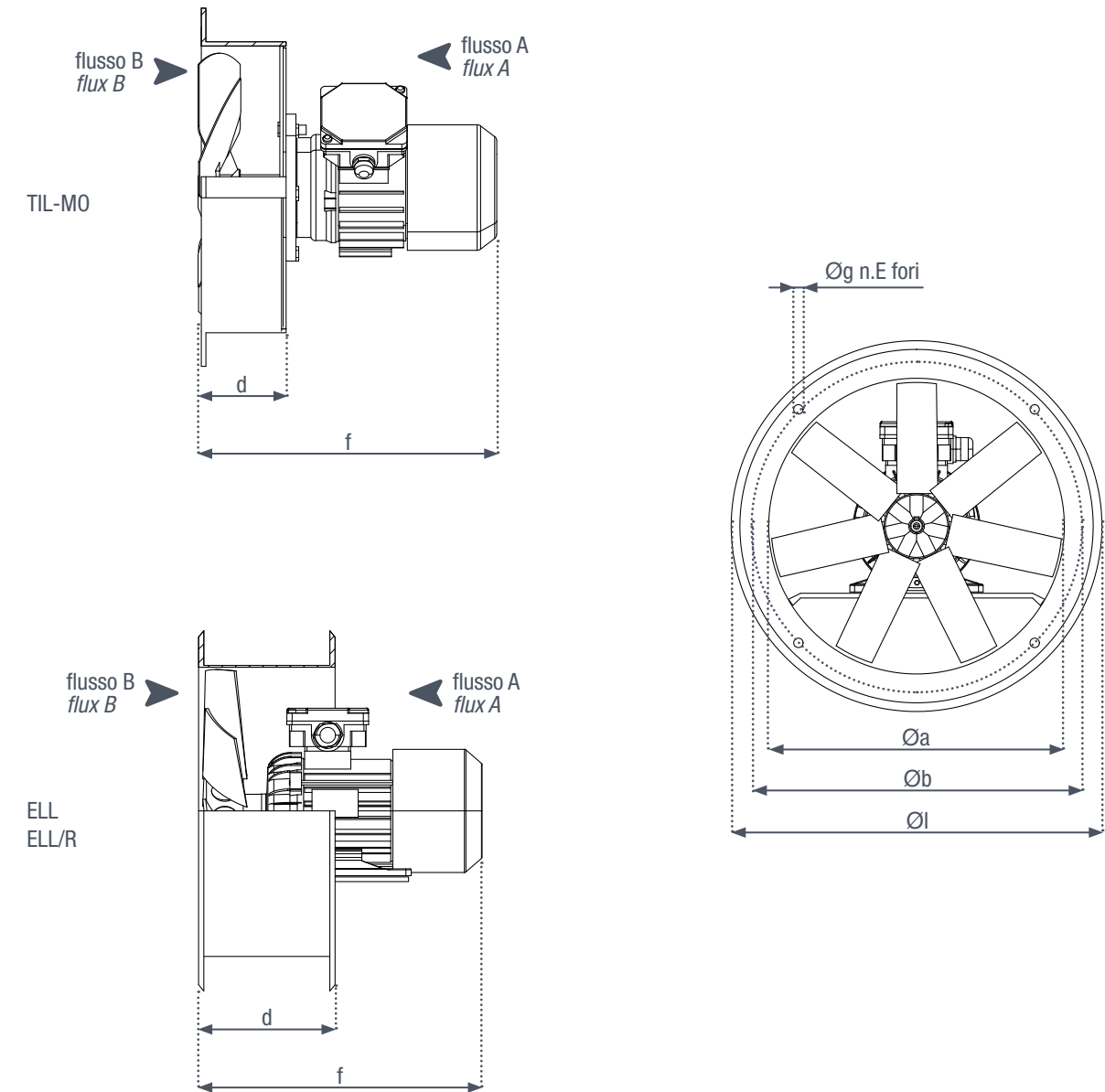




## DIMENSIONI / DIMENSIONS

Versione / Version	a	b	l	d	f	e	Øg	kg
TIL-MO 254	270	315	335	75	270	4	8	6
ELL 215/2	215	250	275	205	290	6	10	10
ELL 250/2	250	285	305	205	290	4	10	12
ELL/R 315	315	355	395	130	240	4	10	7.5
ELL/R 315/2	315	355	395	130	255	4	10	11.5
ELL/R 355	355	395	435	130	240	4	10	8
ELL/R 355/2	355	395	435	130	255	4	10	12
ELL/R 400	400	440	480	130	270	4	10	11.5
ELL/R 400/2	400	440	480	130	280	4	10	17.5
ELL/R 450	450	490	530	130	270	4	10	14
ELL/R 450/2	450	490	530	130	280	4	10	23
ELL 500	500	540	580	236	315	4	10	22
ELL 560	560	605	640	236	315	8	12	24
ELL 630	630	675	720	236	320	8	12	35
ELL 630/6	630	675	720	236	320	8	12	26
ELL 710/c	710	750	800	300	375	8	12	60
ELL 710/d	710	750	800	300	370	8	12	55
ELL 710/e	710	750	800	300	370	8	12	55
ELL 710/f	710	750	800	300	385	8	12	65
ELL 710/6a	710	750	800	300	360	8	12	48
ELL 710/6b	710	750	800	300	360	8	12	48
ELL 800/d	800	840	890	315	490	8	12	90
ELL 800/e	800	840	890	315	490	8	12	85
ELL 800/f	800	840	890	315	500	8	12	80
ELL 800/g	800	840	890	315	500	8	12	96
ELL 800/a	800	840	890	315	480	8	12	55
ELL 800/b	800	840	890	315	490	8	12	60
ELL 800/c	800	840	890	315	490	8	12	55
ELL 900/c	900	945	1000	355	520	12	12	100
ELL 900/d	900	945	1000	355	530	12	12	130
ELL 900/a	900	945	1000	355	510	12	12	90
ELL 900/b	900	945	1000	355	515	12	12	95
ELL 1000/c	1000	1045	1110	400	630	12	12	140

Le dimensioni sono indicative. Misure in mm. Caratteristiche tecniche e limitazioni vedi prontuario tecnico sezione 8  
Dimensions are approximated. Dimensions in mm. Technical features and limitations see technical hand book section 8



⚙️ Vedi sezione 7 "Accessori Ventilatori" / See "Blowers Accessories" section 7

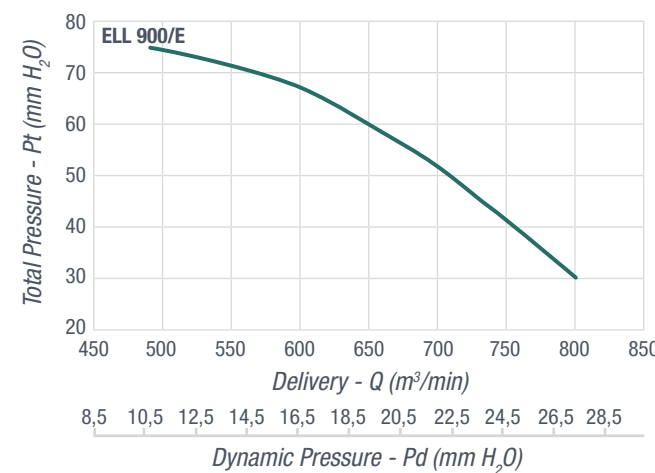
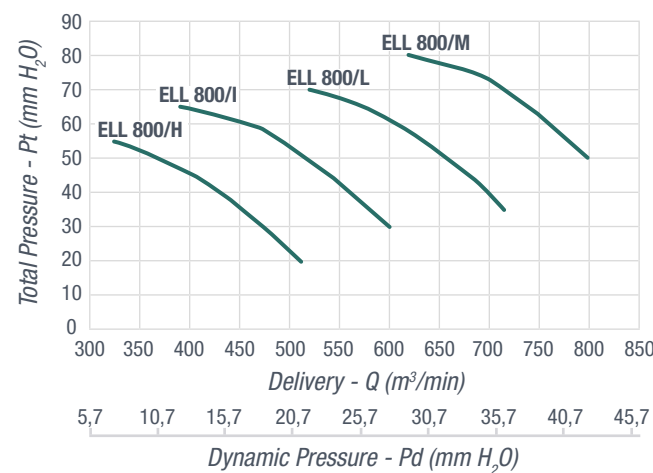
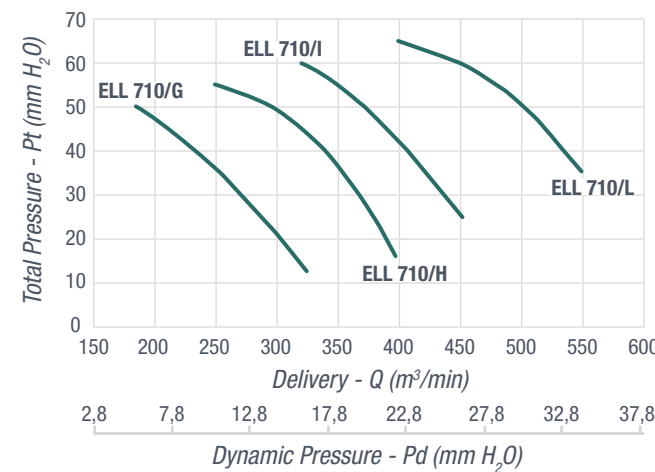
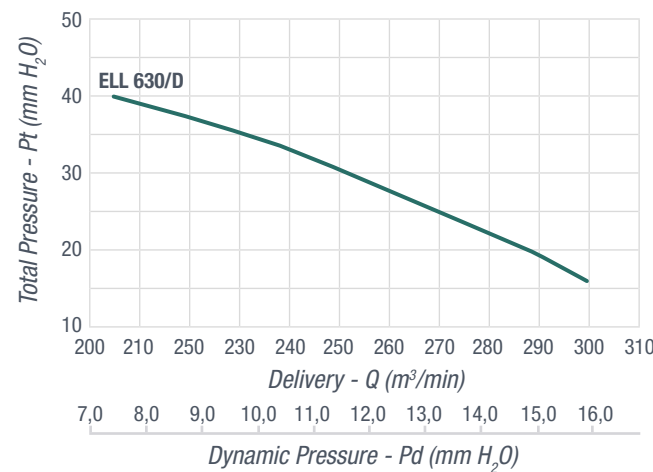
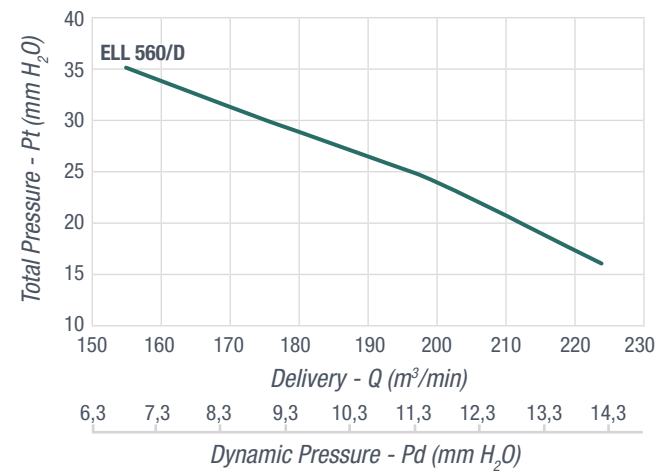
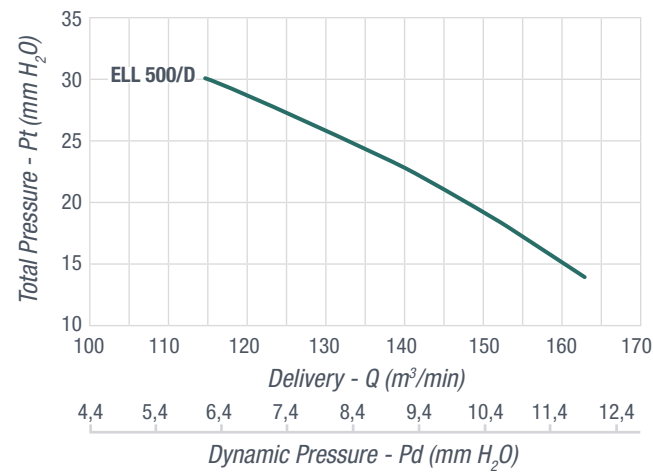






## CURVA CARATTERISTICA / PERFORMANCE CURVE

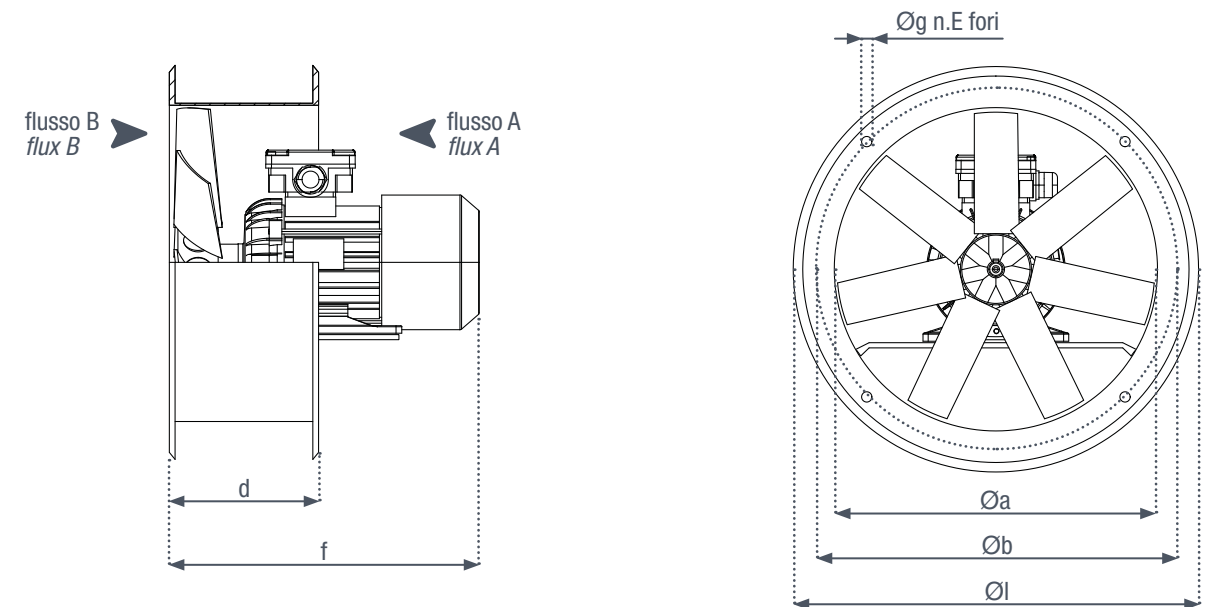
60Hz - AC



## DIMENSIONI / DIMENSIONS

Versione / Version	a	b	l	d	f	e	Øg	kg
ELL 315/D	315	355	395	130	240	4	10	7.5
ELL 315/C	315	355	395	130	255	4	10	11.5
ELL 355/D	355	395	435	130	240	4	10	8
ELL 355/C	355	395	435	130	255	4	10	12
ELL 400/D	400	440	480	130	270	4	10	11.5
ELL 400/C	400	440	480	130	280	4	10	17.5
ELL 450/D	450	490	530	130	280	4	10	23
ELL 500/D	500	540	580	236	315	4	10	22
ELL 560/D	560	605	640	236	315	8	12	24
ELL 630/D	630	675	720	236	320	8	12	35
ELL 710/G	710	750	800	300	375	8	12	60
ELL 710/H	710	750	800	300	370	8	12	55
ELL 710/I	710	750	800	300	370	8	12	55
ELL 710/L	710	750	800	300	385	8	12	65
ELL 800/H	800	840	890	315	500	8	12	75
ELL 800/I	800	840	890	315	500	8	12	80
ELL 800/L	800	840	890	315	520	8	12	90
ELL 800/M	800	840	890	315	530	8	12	96
ELL 900/E	900	945	1000	355	560	12	12	160

Le dimensioni sono indicative. Misure in mm. Caratteristiche tecniche e limitazioni vedi prontuario tecnico sezione 8  
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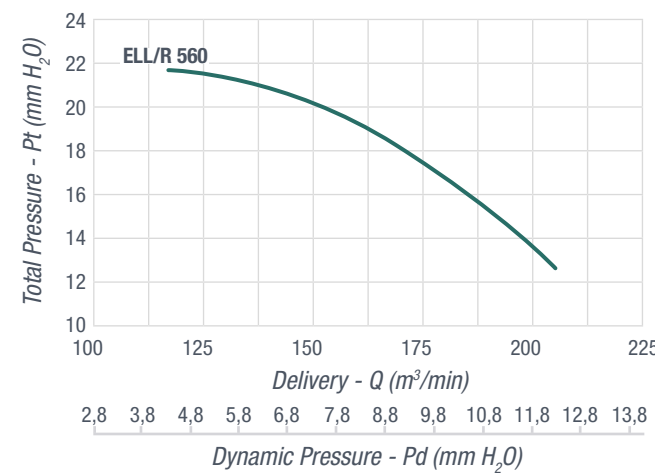
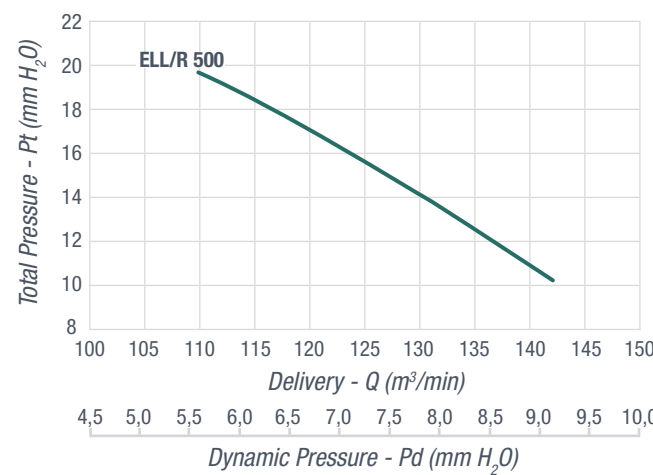
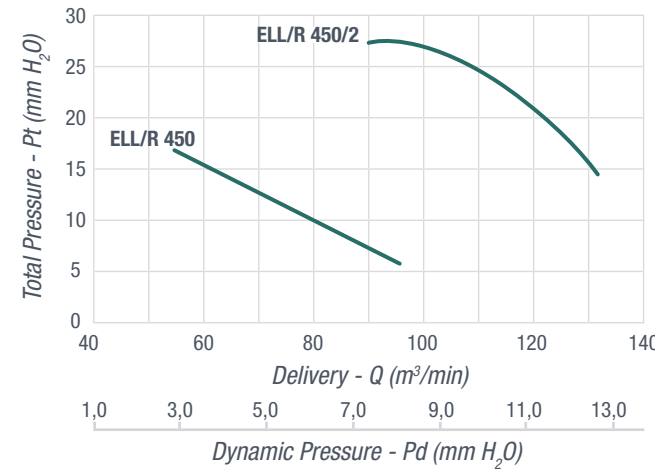
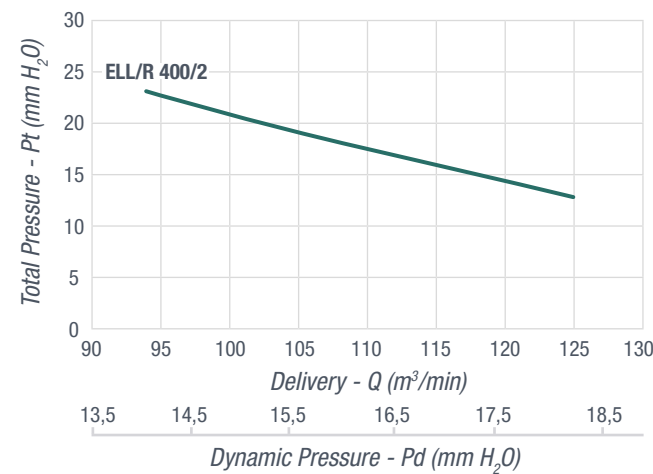
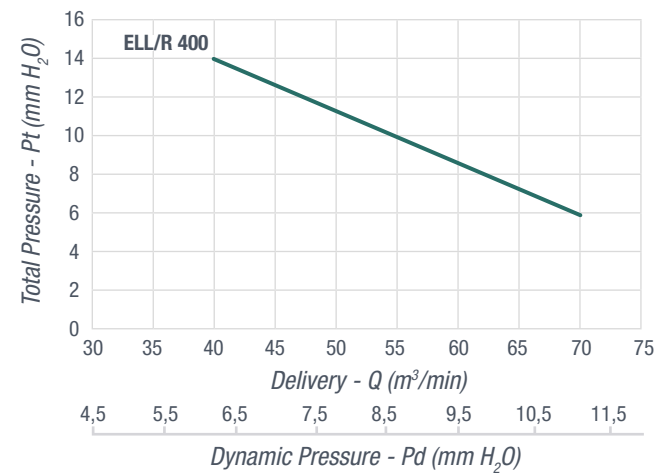
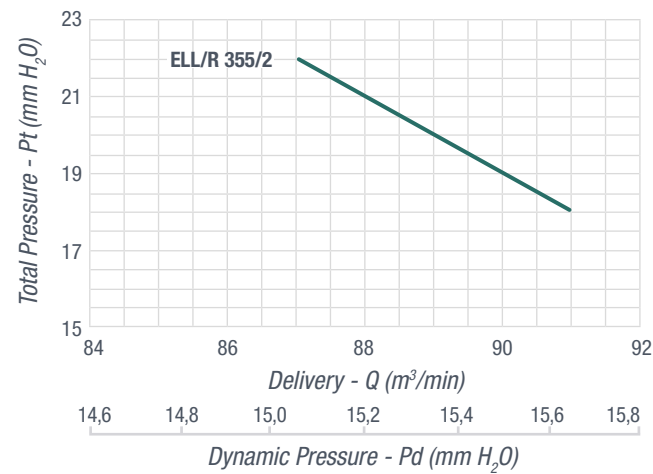
Vedi sezione 7 "Accessori Ventilatori" / See "Blowers Accessories" section 7





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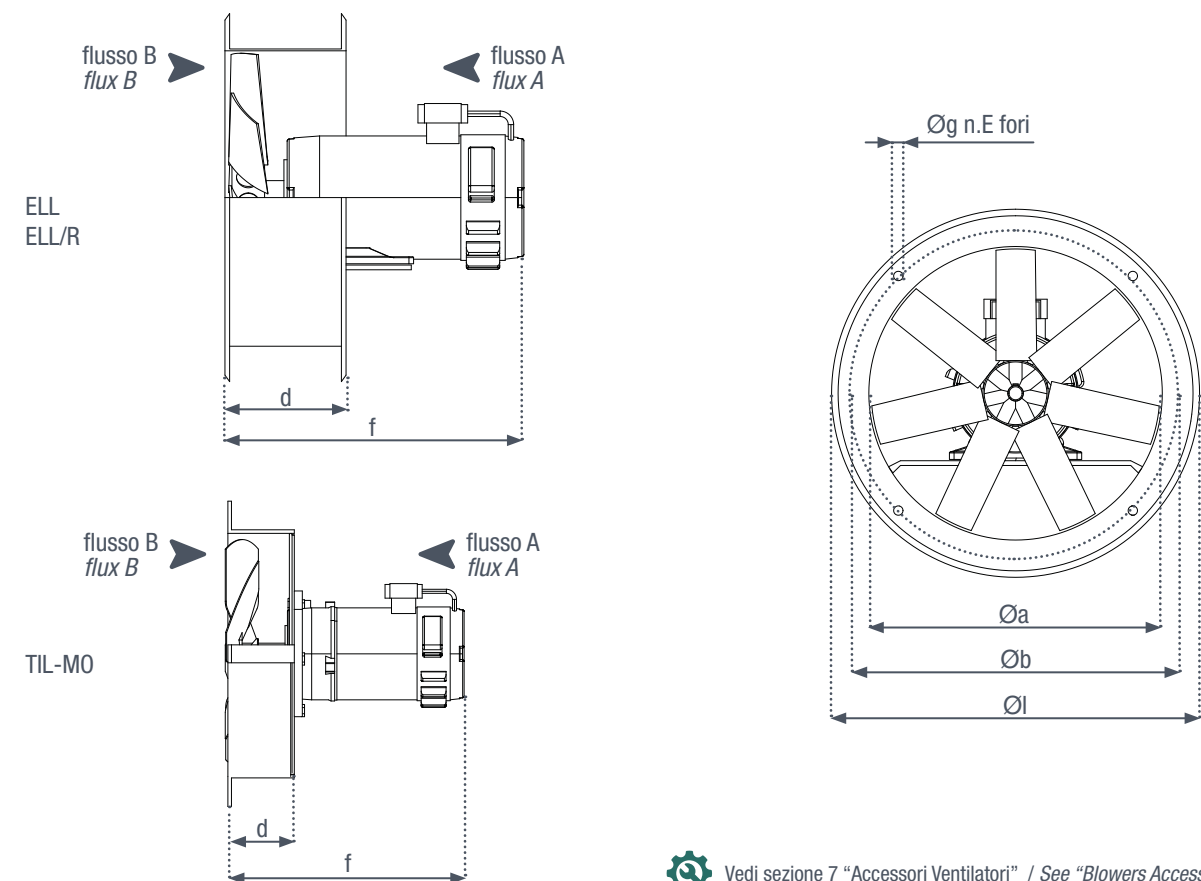
DC



## DIMENSIONI / DIMENSIONS

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ELL/R 450	450	490	530	130	270	4	10	14
ELL/R 450/2	450	490	530	130	280	4	10	23
ELL 500	500	540	580	236	315	4	10	22
ELL 560	560	605	640	236	315	8	12	24

Le dimensioni sono indicative. Misure in mm. Caratteristiche tecniche e limitazioni vedi prontuario tecnico sezione 8  
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Vedi sezione 7 "Accessori Ventilatori" / See "Blowers Accessories" section 7

