



Plate mounted axial flow fans

HXBR / HXTR Series

HXBR/4-250 (230V50Y60HZ)
VE



Plate mounted axial flow fans manufactured from high grade galvanised steel and provided with a Sickle blade impeller, low sound level, protected against corrosion by cataforesis primer and a polyester black paint finish (1), single phase external rotor motor (HXBR) or three phase motor (HXTR), IP44 (models 250 to 400) or IP54 (models 450 to 800), Class F, equipped with thermal protection and terminal box with capacitor incorporated in single phase models.
(1) Model 800: impeller motor unpainted.

Motors

Available in 2, 4, 6, 8 or 12 poles, depending on versions.

Electrical supplies:

Single phase 230V-50Hz

Three phase 400V-50Hz

230/400V-50Hz (models 250)

Three phase motors suitable for inverter control.

(See characteristics chart).

Additional information

Standard air direction: form (A) configuration (motor over impeller).

On request

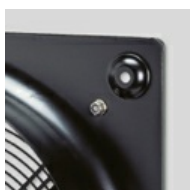
Three phase motors 230/400V-50Hz.

+ Attributes



Compact design

This very low profile design optimises airflow performances whilst minimising noise generation



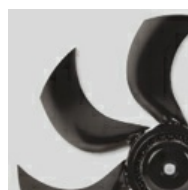
Corrosion resistance

Mounting plate, motor support and finger proof guard protected by cataforesis primer and black polyester paint finish. Stainless steel screws



Terminal box

Capacitor incorporated in single phase models.



High efficiency "Sickle blade" impeller

Designed to ensure the highest and most efficient airflow performance with the lowest noise level. Dynamically balanced to ISO 1940 standard. Manufactured from aluminium plate; Ø 250 to 355 models which are manufactured from pressed sheet steel.

+ Acoustic characteristics

Hz	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	34	31	42	48	53	55	53	46	59
Inlet LpA @ 1.5m	19	16	27	33	38	40	38	31	45

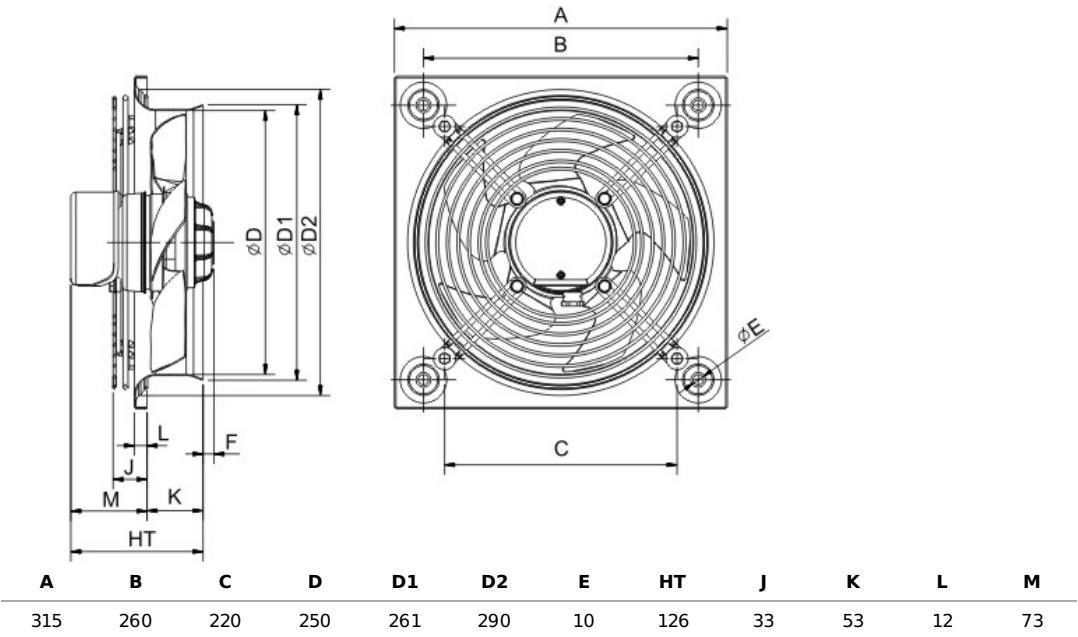
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+ Technical characteristics

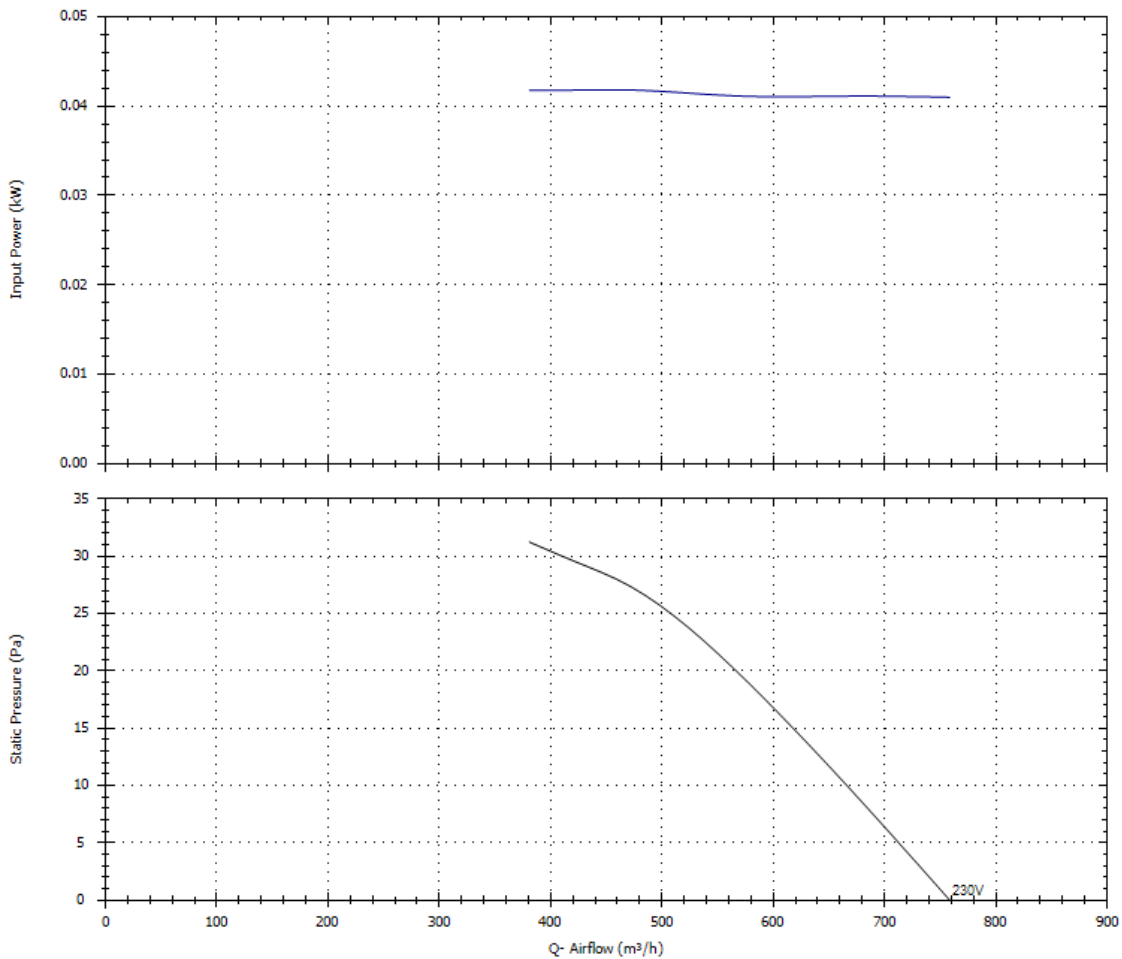
CONSTRUCTION
MOTOR CHARACTERISTICS

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+ Dimensions



+ Curves



+ Mounting Accessories



Model	Wire protection guards	Exhaust side louvre shutters	
		Plastic	Aluminium
250	DEF-250 D	PER-250 W	PER-250 CR
315	DEF-325 D	PER-355 W	PER-355 CR
355	DEF-375 D	PER-355 W	PER-355 CR
400	DEF-450 D	PER-400 W	PER-400 CR
450	DEF-450 D	PER-450 W	PER-450 CR
500	DEF-525 D	PER-500 W	PER-500 CR
560	DEF-630 D	PER-560 W	PER-630 CR
630	DEF-630 D	PER-630 W	PER-630 CR
710	DEF-800 D	PER-710 W	PER-710 CR
800	DEF-800 D	PER-800 W	PER-800 CR

+ Electrical Accessories



REB-1N / REB 2,5N
Single phase electronic speed controllers.



REB-5
Single phase electronic speed controllers.



RMB
Single phase 230V
RMT
Three phase 400V

Single and three phase auto transformer speed controllers.



REB-4 Auto
Electronic single phase speed controllers with temperature sensor. For agricultural applications.



VFKB IP65
Adjustable frequency drives for three phase motors to 400V.



VFTM IP21/IP54
Adjustable frequency drive for three phase motors to 400V.