

HV-BVHA F400/F300 Smoke Exhaust Axial-Flow Fan Series

اسموک فن آکسیال F300 /F400

High pressure smoke exhaust axial-flow F400/F300 (400°C / 120 min)/F300 (300°C / 120 min).

BVHA nominal sizes: 355 - 1400 mm

Tested and certificated according to EN 12101-3, class F400/F300. Also for horizontal and vertical installation.

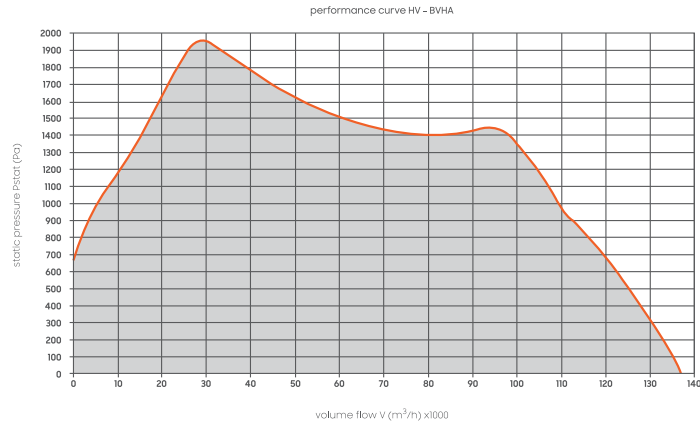
Description:

Casing of Sheet-Steel with rolled flanges on both sides and with welded outlet guide vanes as motor support. Surfaces protected through hot dip galvanizing or powder-painting. Impeller with steel blades welded on steel hub directly mounted on motor shaft. pitch angle is fixed.

Impeller is dynamically balanced according to EN ISO 1940-1, balance quality class G 6.3.

Three-phase alternating current motor / special F400/F300 motor in B5 or B14 mounting, protection type IP 55 / insulation class H. Motor power selected for a cold start at pure air with a density of $\rho = 1.2 \text{ kg/m}^3$. Electrical wiring on the externally located terminal box.

Performance curves are according to EN 24163 and EN ISO 5801 in a chamber testing station.



Dimension

ابعاد

Nominal sizes (mm)	ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	L (mm)	A (mm)	C (mm)	B (mm)	Tm (mm)	X (mm)	Ød1 (mm)	Ød2 (mm)	Z (mm)
355	355	395	435	426	361	305	355	230	depending on motor size	12	14	8
400	400	438	480	426	356	350	400	255		12	14	12
450	450	487	530	505	435	400	450	280		12	14	12
500	500	541	580	505	430	440	500	315		12	14	12
560	559	629	669	475	396	500	560	360		14	14	16
630	634	698	744	525	436	570	630	405		14	14	16
710	710	775	820	525	435	650	710	450		14	14	16
800	793	861	903	525	430	730	800	500		14	14	16
900	907	958	1007	900	803	830	900	580		14	14	16
1000	1000	1067	1110	900	798	910	990	635		14	14	16
1120	1114	1200	1234	900	796	1020	1100	750		14	14	16
1250	1250	1337	1375	900	776	1160	1240	815		14	14	24
1400	1400	1491	1520	900	753	1220	1320	894		14	14	24

