

BVERV 23/1.2

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FOR CONVEYING SMOKE GASES OF THE TEMPERATURE CLASS F300

- Impeller aerodynamically designed for the best free outlet, in welded sheet steel design
- Substructure with plate, motor bracket and base frame in torsion-free sheet steel design, screwed and welded
- Bellmouth in pressed sheet steel design, aerodynamically coordinated to the impeller
- 14 sizes
- Impeller's nominal \varnothing 250 to 1,120 mm
- Volume flow rate V max. 63,000 m³/h
- Stat. differential pressure ps max. 2,500 Pa

Application

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- Smoke exhaust fan without impeller casing for installation in walled; F30 and/or F90 chambers or tested VAC devices.

Description

Accessories

- Fan diagnosis system VD
- Volume flow rate measuring unit VME
- Shock pulse bearing monitoring STI
- Flexible connectors
- Equipotential bonding
- Cover grille (inlet side)
- Spring anti-vibration mounts
- Local isolator loose (for outside of fire area)
- Extract air and smoke extract controller

Classification, standards and guidelines

- Temperature / time classification as per EN 12101 - Part 3:
- F300 CE no.: 0761-CPD-0014 incl. declaration of performance (DoP)
- General building inspectorate licence no. Z-78.1-43

TECHNICAL INFORMATION

Dimensions and weight



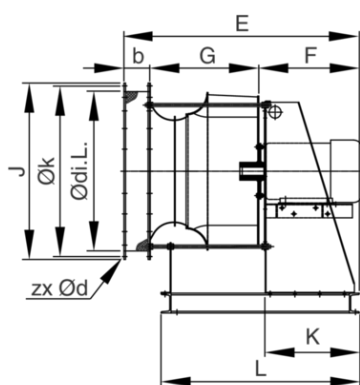
Dimensions [mm] ① Ø AHC Ø clear width approx. EFGb approx. JKL Øk ② z x Ød

①	Ø A	H	C	Ø clear width	approx. E	F	G	b	approx. J	K	L	Øk	② z x Ød
250	306	250	290	256	617	258	179	180	403	240	420	286	6 7
280	348	250	290	288	639	260	202	180	426	240	420	322	8 10
315	386	285	350	322	710	310	220	180	478	285	500	356	8 10
355	425	320	350	361	733	310	249	180	533	285	500	395	8 10
400	468	360	435	404	860	410	270	180	594	385	675	438	12 10
450	517	400	435	453	895	410	308	180	650	385	675	487	12 10
500	571	450	435	507	940	415	345	180	736	385	705	541	12 10
560	643	530	480	569	998	430	389	180	852	405	730	605	16 12
630	712	570	480	638	1046	430	436	180	926	405	730	674	16 12
710	814	640	480	714	1186	510	496	180	1047	475	900	775	16 14
800	904	715	600	804	1240	510	550	180	1167	475	1000	861	24 14
900	1004	800	650	904	1478	680	618	180	1302	645	1150	958	24 14
1000	1105	900	650	1005	1545	680	685	180	1453	645	1115	1067	24 14
1120	1125	1000	780	1005	1679	740	734	205	1553	710	1350	1067	27 14

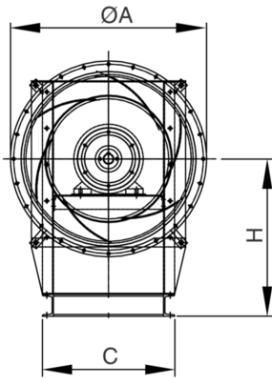
① Nominal size •

② Number of holes z x Ød

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DETAILED DESIGN



HERE YOU'LL HAVE DIRECT ACCESS TO SELECT THE BVERV VIA THE TROX X-FANS PRODUCT CONFIGURATOR

Following features are at your disposal::

- Based on your requirements of volume-flow, pressure and installation arrangement including desired accessories select the ideal fan...
- Appropriate selection according to required power, sound, nominal size, price and production period
- Options and accessories get assessed for plausibility
- All required documents (e.g. technical specification, tender specification, certificates, drawings etc.) of specific selected fan to be downloaded or send by E-Mail