

**DESCRIPTION**

Marine mushroom-type axial-flow fans are destined for supply or exhaust of air containing explosive vapors or dusts from hazardous spaces of seagoing ships of unrestricted cruising area. They are provided with flame-proof motors of EExd class determined by IMO Class of dangerous substances that are expected in conveyed air. Fan housing is made of steel and is provided with drilled flange as well as wire mesh 13x13mm on the bottom. On the housing in way of impeller a brass ring is fitted. A radial gap between fan housing and impeller blade edge is 2-13mm – depending on motor shaft bearing diameter. Fan impeller is made of sea-water aluminum alloy AK11. Impeller blades are screwed to the hub, impeller is dynamically balanced. Fan motor is executed in marine version as induction, squirrel cage, 3-phase, totally enclosed, enclosure IP56, 50 or 60Hz installation, flameproof, EExd class. Fan motor has no internal cooling. Surface treatment: hot-dip galvanized. Performance charts are the same as for WMOR type fans.

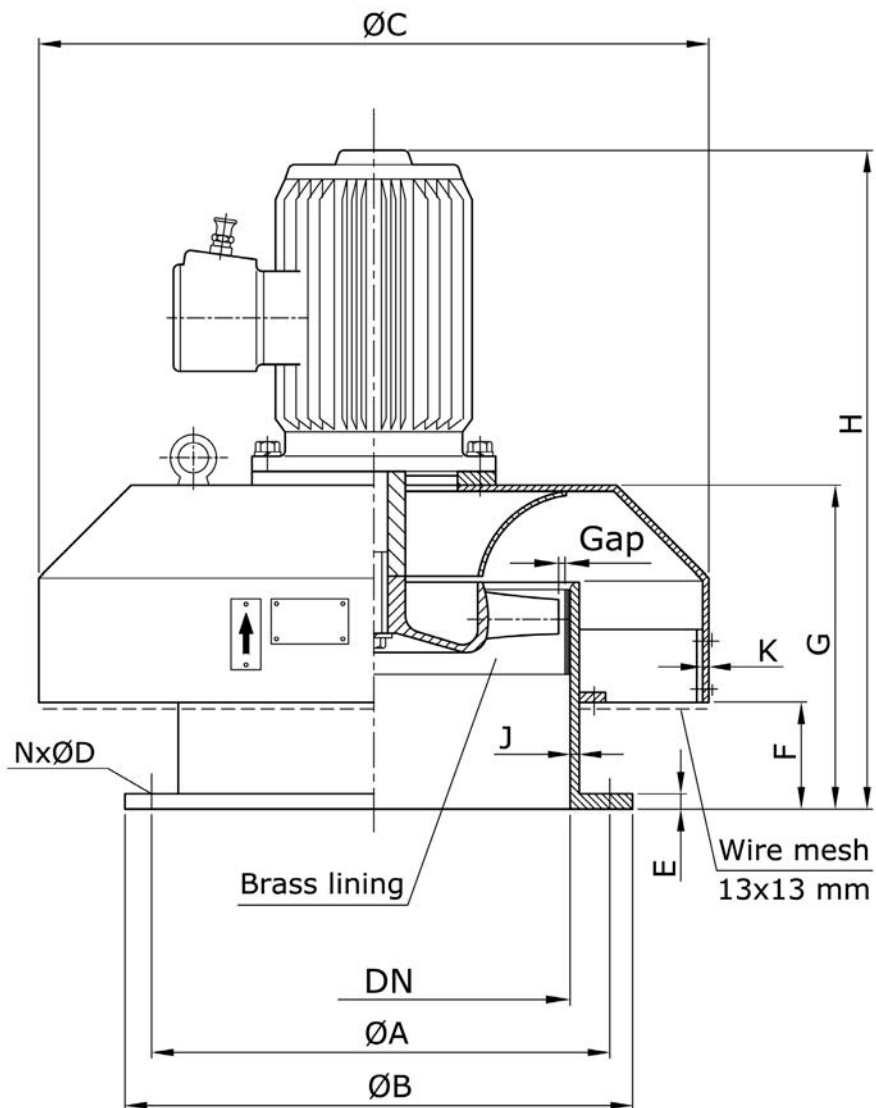
MARKING

Example: WOGM-Ex type fan of nominal diameter DN=500mm, with impeller hub diameter 280mm, with 45° impeller blade angle: WOGM 500/280-45°-Ex

**TECHNICAL SPECIFICATION & DIMENSIONS**

Fan type	Dimension [mm]										Weight* [kg]
	ØA	ØB	ØC	NxØD	E	F	G	H	J	K	
200	260	290	440	8x12	10	70	240	470	5	3	31
250	310	340	540	8x12	10	90	300	570	6	3	51
315	370	405	690	12x12	10	110	380	690	6	3	78
400	460	485	880	12x12	10	140	480	810	6	4	110
500	560	585	1080	16x12	12	180	600	990	8	4	146

*Weight without motor.





DIAGRAMS

