

DESCRIPTION

Marine axial-flow fans WMOB are destined for operation ventilation systems of seagoing ships with unrestricted cruising area as well as offshore objects. They may be used as exhaust or supply fans and be installed inside the sheltered compartments. Surface treatment – hot-dip galvanized.

Housing is made of steel pipe ended with drilled flange, welded. On the housing a terminal box with cable gland for supply connection cable is mounted. Housing of fan is provided with air-guide, to which electric motor-impeller set is screwed. Fan upside is provided with protective wire mesh 13x13mm. Fans in explosion-proof execution are fitted with brass lining on inner surface of housing in way of impeller. Sizes of cable glands:

DN=400, 500 PG27

DN=560-800 PG33

DN=1000-1600 PG42

Air guide is made of steel sheet, welded. It straightens the air flow and is also the supporting bracket of electric motor. Impeller is made of aluminum alloys sea-water resistant. Impeller blades are screwed to the hub. The impeller is dynamically balanced. Electric motor has marine execution as induction, squirrel-cage, three-phase. It is suitable for 50 or 60Hz electric installation. For determining of fan working parameters see 73-17-200.

MARKING

Example: WMOB type fan of nominal diameter DN=500mm, with impeller hub diameter 280mm, exhaust type W, with impeller blades pitch 30°, in standard execution: WMOB 500/280-W-30°

TECHNICAL SPECIFICATION & DIMENSIONS

N – supply

W – exhaust

Type	Dimensions [mm]									Weight [kg]
	DN	ØA	ØB	L	N	ØD	ØC	E	F	
400	400	460	490	550	8	12	640	10	4	65
500	500	560	690	700	12	12	760	10	6	174
560	560	640	640	750	12	14	820	10	6	144
630	630	695	730	700	12	14	930	10	6	180
710	710	775	810	800	16	14	1010	10	6	221
800	800	865	900	800	16	14	1100	10	6	318
900	900	965	1000	920	16	14	1230	10	6	405
1000	1000	1065	1100	1000	16	14	1360	10	6	540
1120	1120	1205	1250	1300	24	14	1480	10	6	1100
1250	1250	1335	1380	1300	24	14	1610	10	6	1145
1400	1400	1485	1530	1400	32	14	1760	10	6	1250
1600	1600	1685	1730	1400	32	14	1980	10	6	1410

