

DESCRIPTION

Marine axial-flow fans WMOS type are destined for operation in ventilation systems of seagoing ships of unrestricted cruising area as well as offshore objects. They may be used as exhaust or supply and shall be installed inside the compartments. Surface treatment – hot-dip galvanized. Housing is made of steel pipe ended with drilled flange on bottom, welded. Upper part is in shape of cone, fitted with screwed wire guard of mesh size 13x13mm. Air guide is made of steel sheet, welded, straightens the air stream and is also the supporting bracket for electric motor. Fan impeller is made of aluminum alloys sea-water resistant. Impeller blades are screwed to the hub, impeller is dynamically balanced. Electric motor: induction, squirrel cage, three-phase totally enclosed, in marine execution, suitable for 50 or 60Hz electric installation. For determining of fan working parameters see 73-17-200.

MARKING

Example: WMOS type fan of nominal diameter DN=630mm, with impeller hub diameter 380mm, exhaust type W, with impeller blades pitch 45°: WMOS 630/380-W-45°

TECHNICAL SPECIFICATION & DIMENSIONS

N – supply

W – exhaust

Type	Dimensions [mm]									Weight [kg]
	DN	ØA	ØB	L	N	ØD	ØC	H	F	
400	400	460	490	550	8	12	540	240	4	60
500	500	560	690	680	12	12	650	250	6	120
560	560	640	640	750	12	14	730	270	6	138
630	630	695	730	700	12	14	800	300	6	165
710	710	775	810	680	16	14	900	330	6	210
800	800	865	900	760	16	14	1000	360	6	290
900	900	965	1000	850	16	14	1120	400	6	370
1000	1000	1065	1100	900	16	14	1250	450	6	480
1120	1120	1205	1250	1000	24	14	1400	500	6	600
1250	1250	1335	1380	1150	24	14	1570	570	6	840
1400	1400	1485	1530	1200	32	14	1750	640	6	1020
1600	1600	1685	1730	1250	32	14	1980	700	6	1180

