

DESCRIPTION

Aluminum marine centrifugal fans WPMA are destined for operation in ventilation and air conditioning systems of seagoing vessels and offshore objects. Operating data of fans are presented on enclosed performance curves $P_t=f(V)$, where:

P_t – total pressure, Pa,

V – airflow, m^3/s .

Allowable tolerances of operating conditions (airflow, pressure, power consumption and efficiency) comply with the standard PN-77/M-43021. Temperature of conveyed medium must not exceed $+45^\circ C$, dust contents $0,15g/m^3$. Housing and impeller of WPMA fans are made of sea water resistant aluminum alloy, welded. Electric motor is executed as induction, marine type, squirrel cage, three-phase. It's supply: 50 or 60Hz.

MARKING

Example: WPMA type fan of nominal diameter 140mm, with type 1 impeller and position LO: WPMA-140/1-LO

TECHNICAL SPECIFICATION & DIMENSIONS

Fan type	Nominal airflow [m^3/s]	Total nominal pressure [Pa]	Impeller speed [1/min]	Maximum noise level [dB(A)]	Supply [V/Hz]
140/1	0.10	1500	2820	90	3x380/50
140/2	0.25	1500	2780	94	
160/1	0.33	2000	2835	96	
140/1	0.12	2160	3400	96	3x440/60
140/2	0.30	2160	3440	98	
160/1	0.40	2880	3455	101	

Fan type		Dimensions [mm]													
		A	B	C	D	E	F	G	H	J	K	L	M	N	O
50Hz	140/1	140	100	120	235	195	215	255	71	195	245	90	100	90	112
	140/2	140	100	120	235	195	215	255	80	195	270	90	105	100	125
	160/1	160	110	160	270	218	244	296	90	216	315	95	117	100	140
60Hz	140/1	140	100	120	235	195	215	255	80	140	250	90	105	100	125
	140/2	140	100	120	235	195	215	255	90	140	310	90	110	100	140
	160/1	160	110	160	270	218	244	296	90	216	340	95	117	125	140



