

**DESCRIPTION**

Marine high-pressure centrifugal fans WPM-F are destined for operation in ventilation and air conditioning systems of seagoing vessels, navy ships and offshore objects. Suitable for ventilation arrangements with fine filters. Operating data fans are presented on enclosed performance curves $P=f(V)$, where:

P_t – total pressure, Pa

V – airflow, m^3/s

Allowable tolerances of operating conditions (airflow, pressure, power consumption and efficiency) as per standard PN-77/M-43021. Temperature of conveyed medium must not exceed $+45^\circ C$, dust contents $0.15 g/m^3$. Housing and impeller of WPM-F fans are made of carbon steel, welded, painted. Hot-dip galvanized available on request. Electric motor induction type, squirrel cage, 3-phase, in marine execution. Supply 50 or 60 Hz.

MARKING

Example: marine high-pressure centrifugal fan WPM-F of nominal diameter 112 mm, of figure LO: CENTRIFUGAL FAN WPM-112F

TECHNICAL DATA

Fan type	Nominal airflow [m^3/s]	Total nominal pressure [Pa]	Impeller speed [1/min]	Maximum noise level [dB(A)]	Supply [V/Hz]
112F	0.20	4000	2850	86	3x380/50
125F	0.25	4780	2890	90	
224F	0.61	4300	2920	92	
112F	0.24	5760	3420	90	3x440/60
125F	0.30	6880	3490	94	
224F	0.73	6190	3500	97	

Fan type		Dimensions [mm]													
		A	B	C	D	d	E	F	G	H	J	K	L	M	N
50Hz	112F	112	136	162	288	7	323	357	232	90	276	310	82	106	100
	125F	125	150	175	300	7	342	362	316	100	291	370	82	120	140
	224F	224	248	274	297	7	373	435	330	132	310	460	112	170	140
60Hz	112F	112	136	162	288	7	323	357	232	90	276	340	82	106	125
	125F	125	150	175	300	7	342	362	316	100	291	390	82	127	140
	224F	224	248	274	297	7	373	435	330	132	310	500	112	170	140

Fan type		Dimensions [mm]						
		O	P	R	S	T	U	W
50Hz	112F	112	80	104	130	112	136	162
	125F	160	80	104	130	118	142	168
	224F	216	140	164	190	200	224	120
60Hz	112F	112	80	104	130	112	136	162
	125F	160	80	104	130	118	142	168
	224F	216	140	164	190	200	224	120



