

TECHNICAL REPORT

AMX28
V8-300-CE

for internal use only



BOAT DATA

Boat builder:	Airon Marine	Boat model:	AMX28
Country:	Italy	Draft:	
LOA:	8,3 m / 27,2 ft	LWL:	6,5 m / 21,3 ft
Beam:	2,5 m / 8,2 ft	BWL:	2,2 m / 7,2 ft
Fuel tank capacity:	250 l / 66 gal	Water tank capacity:	70 l / 18 gal
Deadrise angle:			

ENGINE & TRANSMISSION DATA

Engine make:	Volvo Penta	Engine model:	1 x V8-300-CE
Fuel type:	Gasoline	Engine speed:	5800 RPM
Output crankshaft:	223,7 kW / 300,0 Hp	Output propshaft:	216,3 kW / 290,0 Hp
Transmission make:	Volvo Penta	Transmission type:	Forward Drive
Gear ratio:	2,32:1	Propeller type:	K4
Propeller diameter:		Propeller pitch:	
No of prop. blades:		Blade area ratio:	

TEST CONDITION

No of crew:	2	Fuel filled:	70 %
Water filled:	0 %	Weight as tested:	2700 kg / 5952 lb
Weight checked by:	Estimated	Center of gravity:	
Speed checked by:	GPS	Ambient air temp:	15,0° C / 59,0° F
Water temp:	13,0° C / 55,4° F	Wind speed:	0,0 m/s / 0,0 mph
Sea condition:	Calm	Water type:	Fresh
Antifouling:	No	Galvanisation:	

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SINGLE / PORT ENGINE

Inlet air temp.:
Air temp. front:
Exhaust back press.:
Air temp. top of engine room:

STARBOARD ENGINE

Inlet air temp.:
Air temp. front:
Exhaust back press.:

BOAT TEST

RPM	knots	mph	l/h	gal/h	l/n.mile	mile/gal	sound at helm (dB)
5716	39,4	45,3	90,0	23,8	2,3	1,9	
5500	37,7	43,4	82,7	21,8	2,2	2,0	
5000	34,1	39,2	60,5	16,0	1,8	2,5	
4500	30,5	35,1	47,5	12,5	1,6	2,8	
4000	26,0	29,9	34,7	9,2	1,3	3,3	
3500	21,4	24,6	28,6	7,6	1,3	3,3	
3000	16,1	18,5	23,3	6,2	1,4	3,0	
2000	7,9	9,1	11,8	3,1	1,5	2,9	
1000	4,5	5,2	4,9	1,3	1,1	4,0	
650	2,8	3,2	3,1	0,8	1,1	4,0	

ACCELERATION FROM IDLING

To knots	To mph	sec
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TEST INFORMATION

Report no:	10342	Date:	2017-10-31
Performed by:	Moioli, Tommaso Molinari	Location:	Lezzeno
Cert. inst. no:			

The results refer to the test boat only. Performance may vary due to weather and load conditions. Any guarantee is a matter between the boat manufacturer and the customer.

**VOLVO
PENTA**