

**35**  
YEARS  
of excellence

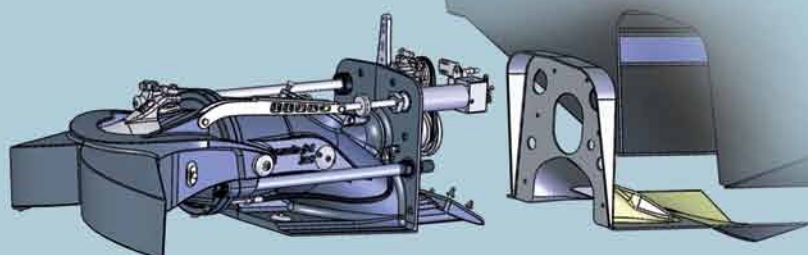
# ***alamarin-jet***

GO WITH THE FLOW



## THE ART OF CROSSING SEAS

*Explore the excellence:  
Magnificent reasons for choosing  
Alamarin-Jet propulsion units.*











# SELECTING THE JET

To ensure the correct choice of jet type for each application, it is essential to start with **optimising components and equipment**. With the main information effecting performance – boat type; hull design, characteristics and material; speed requirement; engine type – we provide a calculation, which helps to select the suitable jets for the vessel. If available, a lines drawing and hull resistance data make predictions even more accurate.











## AJ 160

 Pump type axial flow, single stage	 38 kg (84 lbs)	 Max. 1000 kg (2200 lbs) per single jet, planing boat	 Max. 74 kW (100 mhp)	 Impeller shaft RPM max. 5000 1/min.	 Impeller diameter max. 186 mm (7.3")	 Reverse deflector mechanical or electronic	 Aluminium, stainless steel
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Grease lubricated front and rear bearings.



## AJ 180/185









 Pump type axial flow, single stage	 48 / 50 kg (106 / 110 lbs)	 Max. 1700 kg (3700 lbs) per single jet, planing boat	 Max. 110 kW (150 mhp) / 120 kW (163 mhp)	 Impeller shaft RPM max. 5000 1/min.	 Impeller diameter max. 192 mm (7.6") / 197 mm (7.8")	 Reverse deflector mechanical or electronic	 Aluminium, stainless steel
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Grease lubricated front and rear bearings.



## AJ 230

Optional hydraulic oil cooler.  
Tube type reverse deflector as standard. Round type and twin installation tube deflector optional.









 Pump type axial flow, single stage	 81 kg (179 lbs)	 Max. 3000 kg (6600 lbs) per single jet, planing boat	 Max. 190 kW (260 mhp)	 Impeller shaft RPM max. 4500 1/min.	 Impeller diameter max. 228 mm (9")	 Reverse deflector hydraulic	 Aluminium, stainless steel
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Grease lubricated front and rear bearings.



## AJ 245

Integrated reversing cylinder oil cooler and hydraulic cylinder for steering nozzle as standard.  
Flexible installation length: short tail or long tail.









 Pump type axial flow, single stage	 95 kg (209 lbs)	 Max. 3500 kg (7700 lbs) per single jet, planing boat	 max. 235 kW (320 mhp)	 Impeller shaft RPM max. 4600 1/min.	 Impeller diameter max. 245 mm (9.7")	 Reverse deflector hydraulic	 Aluminium, stainless steel
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High cavitation limits.  
Oil lubricated front bearing, grease lubricated rear bearing. Automat as option.



## AJ 288

Optional hydraulic oil cooler.

 Pump type axial flow, single stage	 120 kg (265 lbs)	 Max. 5000 kg (11000 lbs) per single jet, planing boat	 max. 330 kW (450 mhp)	 Impeller shaft RPM max. 3700 1/min.	 Impeller diameter max. 288 mm (11.3")	 Reverse deflector hydraulic	 Aluminium, stainless steel
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High cavitation limits.  
Oil lubricated front bearing, grease lubricated rear bearing (automat).

You can provide us with the information by filling in an **Application Questionnaire (AQ)** form, which you can request from your Alamarin-Jet representative or directly from [sales@alamarinjet.com](mailto:sales@alamarinjet.com).

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