INTEGRATION :

- The cables are made of PU, class 6, foreseen for cable-bearing chains, 2 mt standard length, copper square section according rated current.
- Rotor / housing alignment (P) has to be executed within +/- 0.1 mm. Optionally, we can supply a mounting tool for achieving that alignment in case of assembly without possibility of accurate alignment.
- Thermal device cable consists of a shielded pair 2x2x0.25mm² section, 7mm external diameter.
- (De) represents:
  1. The maximum diameter passing inside the housing.
  2. The maximum diameter necessary for rotor assembly.
- (Pmax) diameter for pieces in contact with the rotor must never be exceeded.
- Tapped holes on each side of rotor and housing are angularly aligned.
- Cable positioning (AF) is theoretical. Leave a free room with a +/- 10 arc degrees tolerance around that position, on a 50 mm height from the housing side, for avoiding to force the cables at the alternator output.
- When designing the assembly, take care to insure a perfect contact between housing and user’s bore for avoiding thermal problems.
- For housing mounting, use either external centering diameter (B) or internal centering diameters (A).
- For execution tolerances (perpendicularity, concentricity...), please consult us.
- In red in the table : P, LB, J4 and E3 are 30mm higher when the rated current is greater than 38 amps for class 6 shielded cable output.
- We also propose an output with unshielded wires that is not requiring an increase of length. (contact us for square section)

A full integration handbook can be supplied to our customers upon request.
For further information or specific request about our alternators, feel free to contact us.