



		141	142	143	144	145	146	147	148
Housing internal centering diameter	A H8	130	130	130	130	130	130	130	130
Angle wire output / tapped holes	AF	22°30'	22°30'	22°30'	22°30'	22°30'	22°30'	22°30'	22°30'
Housing external centering diameter	Bf8	145	145	145	145	145	145	145	145
Rotoric internal centering diameter	C H7	56	56	56	56	56	56	56	56
Housing internal diameter	De	78,5	78,5	78,5	78,5	78,5	78,5	78,5	78,5
Rotoric fixation holes	FR	8xM5 on Ø63	8xM5 on Ø63	8xM5 on Ø63	8xM5 on Ø63	8xM5 on Ø63	8xM5 on Ø63	8xM5 on Ø63	8xM5 on Ø63
Housing fixation holes	FS	8xM5 on Ø136	8xM5 on Ø136	8xM5 on Ø136	8xM5 on Ø136	8xM5 on Ø136	8xM5 on Ø136	8xM5 on Ø136	8xM5 on Ø136
Depth of housing internal centering diameter	LA	2	2	2	2	2	2	2	2
Housing length	LB	92	119	146	173	200	227	254	281
Alignment rotor/housing	P ± 0.1	20,5	20,5	20,5	20,5	20,5	20,5	20,5	20,5
Maximum rotoric contact diameter	Pmax	75	75	75	75	75	75	75	75
Rotor length	R±0.15	59	86	113	140	167	194	221	248

## INTEGRATION:

- ✓ The cables are made of PU, class 6, foreseen for cable-bearing chains, 2mt standard length, copper square section according rated current.
- ✓ Rotor/housing alignment (P) has to be executed within ±0,1mm. Optionally, we can supply a mounting tool for achieving that alignment in case of assembly without the possibility of accurate alignment.
- ✓ Thermal device cables consist of a shielded pairs of 2x2x0.25mm<sup>2</sup> 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 ±10 arc degree tolerance around that position, on a 50mm 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 (B) or internal (A) centering diameter.
- ✓ For execution tolerances (perpendicularity, concentricity, ...) please contact us.

A full integration handbook can be supplied to our customer upon request.

For further information or specific request about our alternators, feel free to contact us.