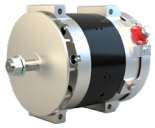
C.E. Niehoff & Co.
CHARGING AND POWER MANAGEMENT SOLUTIONS®

Alternator Quick Reference

	Cradle / Rail / ISL				7” Hinge / ISB		Pad / ISX	
								
Model	C703	C803D	C850	C851	C706	C811	C535	C580
Voltage	28	28	28	28	28	28	28	28
Output Amps	350	525	550	650	300	525	225	270
Output @Idle[1]	220	340	350	430	200	320	110	125
Output @Idle Hot[2]	190	300	300	400	180	295	95	110
Ducted	NO	YES	NO	NO	NO	NO	NO	NO
Available Smart Regulator*	A2-341	A2-368 A2-377	A2-387	A2-388	A2-341	A2-368 A2-377	A2-398	A2-3102
Regulator Options	A2-3123	A2-330 A2-336 A2-377	NA	NA	A2-3123	A2-330 A2-336 A2-377	A2-357	A2-3101
Shell DIA	8” / 20.32 cm	9” / 22.86 cm	9” / 22.86 cm	9” / 22.86 cm	8” / 20.32 cm	9” / 22.86 cm	7.5” / 19.05 cm	7.5" / 19.05 cm
Overall Length	15.1” / 38.35 cm	18.4” / 46.74 cm	14.96” / 38 cm	16.32” / 41.45 cm	14.45” / 36.7 cm	14.68” / 37.29 cm	10.8” / 27.43 cm	10.59" / 26.9 cm
Mounting Point Distance	5.25” / 13.34 cm	5.25” / 13.34 cm	5.25” / 13.34 cm	5.25” / 13.34 cm	6.94” / 17.63 cm	6.94” / 17.63 cm	4.97” / 12.62 cm	4.97” / 12.62 cm
Front Mount to Pulley Datum Distance	2.83” / 7.19 cm	2.83” / 7.19 cm	2.83” / 7.19 cm	2.83” / 7.19 cm	1.62” / 4.12 cm	1.62” / 4.12 cm	1.18” / 3 cm	1.18” / 3 cm

The above information and images are for reference only. Please inquire for detailed dimensions, output specifics and/or additional information.

The measurements stated are taken at the listed ambient temperatures with a stabilized machine temperature, as per SAE J56.

*Smart regulators additionally allow for tandem operation of any pair of alternators regardless of alternator model.

1. Idle output is estimated at 2000 alternator rpm and at 72°F/22°C.
2. Hot idle output is estimated 2000 alternator rpm and at 200°F/93°C.

C.E. Niehoff & Co.
2021 Lee Street
Evanston, IL 60202
USA
1-847-866-6030
sales@ceniehoff.com
ceniehoff.com

Made in the U.S.A.
ISO 9001:2015 CERTIFIED