



# Specifications

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RETARDER SPECIFICATIONS – CE and CC SERIES										
RETARDER MODEL	CC125	CC125	CC135	CC160	CC200	CC250	CC300			
<b>RETARDER IDENTIFICATION</b>										
Insulated Earth	CE71...	CE72...	CE20...	CF20...	CH20...	CS20...	CT20...			
Frame Earth			CE10...	CF30...	CH10...	CS10...	CT10...			
<b>ELECTRICAL SPECIFICATIONS</b> <i>All electrical measurements should be made at 20°C</i>										
<b>Current Draw per Stage – Amps</b>										
24 Volt Retarder on 24V System	15.0	24.4	31.5	31.5	31.8	33.8	40.0			
<b>Resistance per Circuit – Ohms</b>										
24 Volt Retarder	1.60	0.97	0.75	0.75	0.75	0.70	0.60			
<b>Resistance per Coil - Ohms</b>										
	1.60	0.97	0.75	0.75	0.75	0.70	0.60			
<b>MECHANICAL SPECIFICATIONS</b>										
Rotor Air Gap +0 –0.15 mm	1.00	1.00	1.90	1.20	1.20	1.20	1.5			
Bearing Axial Play	0.05-0.12	0.05-0.12	0.05-0.12	0.05-0.12	0.05-0.12	0.05-0.12	0.05-0.12			
<b>TORQUE SETTINGS - Nm</b>										
Main Shaft Nut - up to Dec 1993	600	600	600	600	700	700	700			
Main Shaft Bolts - from Jan 1994	30	30	30	30	60	60	60			
Rotor Flange Bolts and Nuts	180	180	180	180	250	250	250			
Retarder Side Plate Bolts	90	90	90	90	90	90	90			
Pole Shoe Screws	50	50	50	50	50	50	50			
Hub Bolts and Nuts	M12 – 90Nm			M10 – 60 Nm		M8 – 30 Nm				