

RETARDER SPECIFICATIONS – FOCAL RANGE										
RETARDER MODEL	FV82-70	FN82-70	FV83-00	FN83-00	FN83-30					
Gearbox Mounting	FF74....	DL20....	FF70....	DN20....	DP20....					
<b>ELECTRICAL SPECIFICATIONS</b>	<i>All electrical measurements should be made at 20°C. Insulation resistance &gt; 1MΩ</i>									
Current Draw – Amps/stage	30.8	30.8	36.7	33.5	43.0					
Circuit Resistance – Ohms/stage	0.78	0.78	0.65	0.72	0.56					
Coil Resistance - Ohms	0.39	0.39	1.31	1.43	1.12					
<b>MECHANICAL SPECIFICATIONS</b>										
Rotor Air Gap +0 –0.15 mm	1.70 <sup>1</sup>	1.70 <sup>1</sup>	1.70 <sup>1</sup>	1.70 <sup>1</sup>	1.70 <sup>1</sup>					
<b>TORQUE SETTINGS - Nm</b>										
Stator Bolts	130	130	130	130	130					
Rotor Fasteners – Inboard Nuts	30	30	30	30	30					
Rotor Fasteners – Outboard Nuts	93	93	93	93	93					
Pole Shoe Screws – Inboard	120	120	120	120	120					
Pole Shoe Screws – Outboard	50	50	50	50	50					

Note 1: On heavy haulage applications, the initial air-gap setting should be 2.00mm