

RETARDER SPECIFICATIONS – AXIAL AD SERIES										
RETARDER MODEL	AD50-55	AD50-60	AD50-90	AD61-30	AD61-55	AD72-00				
	BF20....	BA20....	BB20....	BC20....	BD20....	BE20....				
ELECTRICAL SPECIFICATIONS <i>All electrical measurements should be made at 20°C. Insulation resistance > 1MΩ</i>										
Current Draw per Stage – Amps										
24V System	9.0	15.0	24.0	16.5	27.0	30.2				
Resistance per Circuit – Ohms										
24 Volt Retarder	2.70	1.60	1.00	1.45	0.89	0.80				
Resistance per Coil	1.35	0.80	0.50	0.73	0.45	0.40				
MECHANICAL SPECIFICATIONS										
Rotor Air Gap +0 –0.15 mm	1.00	1.00	1.00	1.90	1.40	1.40				
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				
TORQUE SETTINGS - Nm										
Main Shaft Bolts	30	30	30	30	30	60				
Rotor Flange Bolts and Nuts	100	100	100	180	180	250				
Retarder Side Plate Bolts	90	90	90	90	90	90				
Pole Shoe Screws	45	45	45	45	45	45				
Hub Bolts and Nuts	68Nm									