

Rotator Comparison Table	RAU and RAU/HR (18 V) *(24V)	RAK and RAK/HR (18V) *(24V)	BIG RAK and BIG-Rak/HR (18V) *(24V)	RAS and RAS/HR (18V) *(24V)	BIG-RAS and BIG-RAS/HR (18V) *(24V)
Rotating torque	900 *1800	1.800 *3.240	8.000 *8.000 **	1.800 *3.240	8.000 *8.000 **
Braking torque	8.000	14.000	24.000	14.000	24.000
Vertical load	350 lbs	550 lbs	>700 lbs	550 lbs	>700 lbs
Break type	Double worm	Double worm	Double worm	Double worm	Double worm
Carter	Metal	Metal	Metal	Metal	Metal
Gear	Metal	Metal	Metal	Metal	Metal
Mast plate	Metal	Metal	Metal	Metal	Metal
Reduction ratio	3300 / 1	4950 / 1	6120 / 1	4950/ 1	6120 / 1
Encoder type	Magnetic 4 pulse /HR 32 pulse	Magnetic 6 pulse /HR 32 pulse	Magnetic 6 pulse /HR 32 pulse	Magnetic 6 pulse /HR 32 pulse	Magnetic 6 pulse /HR 32 pulse
Precision	1° / 1.0° /HR 0,1° / 0.1°	1° / 1.0° /HR 0,1° / 0.1°	0.5° / 0.5° /HR 0,1° / 0.1°	1° / 1.0 /HR 0,1° / 0.1°	0.5° / 0.5° /HR 0,1° / 0.1°
Rotation angle	360° +/- 180°	360° +/- 180°	360° +/- 180°	360° +/- 180°	360° +/- 180°
Rotation time for 360°	45 sek	90 sek *45 sek	240 sek * 145sek	90 sek *45 sek	240 sek *145 sek
Electric motor	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc /HR 24 Vdc
Environment	-20° +50°	-20° +50°	-20° +50°	-20° +50°	-20° +50°
Weight Antenna rotor	8 kg	12 kg	15kg	19kg	25kg
Weight Digital Rotator Controller	Rot1Prog- 1,5 kg MD-02 – 4 kg MD-01 – 5 kg	Rot1Prog- 1,5 kg MD-02 – 4 kg MD-01 – 5 kg	Rot1Prog- 1,5 kg MD-02 – 4 kg MD-01 – 5 kg	Rot2Prog- 2 kg MD-02 – 4 kg MD-01 – 5 kg	Rot2Prog- 2 kg MD-02 – 4 kg MD-01 – 5 kg