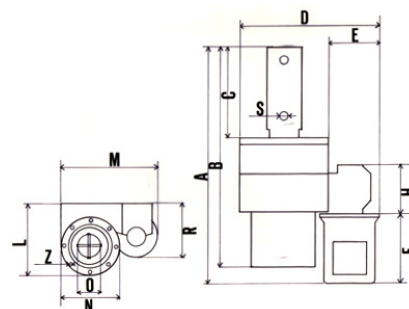


ANTENNA ROTATORS

GIOVANNINI ROTATORS KNOW NO OBSTACLES, even in the heaviest ice and torsion conditions deriving from the antenna system. Furthermore they need no mechanical or electrical brake considering that, when the rotator stops, the system is self-locking. Giovanni rotators are supplied with elastic ROTEX joint.



SPECIFICATIONS MODEL		GE 1500/T	GE 2500/T	GE 4000/T	GE 6000/T	GE 8000/T
Antenna Wind load area max.	m ²	4	10	16	26	38
	ft ²	43.05	107.64	172.22	279.86	409.02
Axial load	Kg	1500	2500	4000	6000	8000
	Lbs	3,307	5,512	8,819	13,228	17,637
Rotating torque	kg/cm	21,000	55,000	84,000	136,000	380,000
	kg/m	21	55	84	136	380
	Nm	210	550	840	1,360	3,800
	in/lbs	18,227	47,738	72,908	118,043	329,826
Braking Torque	kg/cm	33,600	82,500	117,600	183,600	494,000
	kg/m	33.6	82.5	117.6	183.6	494
	Nm	336	825	1,176	1,836	4,940
	in/lbs	29,163	71,607	102,072	159,358	428,773
Starting Torque	kg/cm	22,700	59,400	90,700	156,400	437,000
	kg/m	22.7	59.4	90.7	156.4	437
	Nm	227	594	907	1,564	4,370
Electric motor	W	120	120	180	370	750
	V ac	220	220	220	220	220
Control box input voltage		220Vac or 115V ac	220Vac or 115V ac	220Vac or 115V ac	220Vac or 115V ac	220Vac or 115V ac
Gear		Double worm gear	Double worm gear	Double worm gear	Double worm gear	Double worm gear
Brake Type		Double worm	Double worm	Double worm	Double worm	Double worm
Rotator coupling		FLANGE	FLANGE	FLANGE	FLANGE	FLANGE
Rotation angle		360°	360°	360°	360°	360°
Rotation time for 360° (seconds)		120	120	120	180	180
Read out		Digital or analog	Digital or analog	Digital or analog	Digital or analog	Digital or analog
Multiwire cable: No. of wires		10	10	10	10	10
Net weight (rotator unit)	kg	23	43	65	88	125
	lbs	50.70	94.79	143.30	194	275.57
Shipping Weight	kg	31	50	84	160	218
	lbs	68.34	110.23	185.18	352.73	480.60
Shipping measures	cm	50 x 50 x 50	60 x 50 x 50	80 x 40 x 60	100 x 80 x 80	100 x 80 x 80
	in	19.68x19.68x19.68	23.62x19.68x19.68	31.49x15.74x23.62	39.37x31.49x31.49	39.37x31.49x31.49



Rotator dimensions

Not binding data.		GE 1500/T	GE 2500/T	GE 4000/T	GE 6000/T	GE 8000/T
A	mm	500	580	640	700	820
	in	19.68	22.83	25.19	27.55	32.28
B	mm	430	500	-	-	-
	in	16.92	19.68	-	-	-
C	mm	190	200	200	250	250
	in	7.48	7.87	7.87	9.84	9.84
D	mm	285	330	400	460	540
	in	11.22	12.99	15.74	18.11	21.25
E	mm	120	120	-	-	-
	in	4.72	4.72	-	-	-
F	mm	155	170	170	200	220
	in	6.10	6.69	6.69	7.87	8.66
H	mm	120	120	-	-	-
	in	4.72	4.72	-	-	-
L	mm	190	245	330	380	440
	in	7.48	9.64	12.99	14.96	17.32
M	mm	285	335	400	450	500
	in	11.22	13.18	15.74	17.71	19.68
N	mm	180	210	280	320	350
	in	7.08	8.26	11.02	12.59	13.77
O	mm	57	70	-	-	-
	in	2.24	2.75	-	-	-
R	mm	160	175	-	-	-
	in	6.29	6.88	-	-	-
S	mm	10	12	-	-	-
	in	0.39	0.47	-	-	-
Z	mm	10	12	12	12	12
	in	0.39	0.47	0.47	0.47	0.47

Specifications subject to change without notice.



GIOVANNINI Elettromacchanica " Antenna Systems "

Via Enrico Mattei 9 - 50039 Vicchio (Florence) Italy - Phone +39 055844124 Fax +39 0558497843 e-mail: giovannini@antenna.it

WWW.ANTENNA.IT