

# NEXUS

## Automation systems for swing gates



**Atlas Group**  
**868 Plymouth Road**  
**Slough Trading Estate**  
**Slough**  
**Berkshire SL1 4LP**

**Tel: 01753 696166**  
**Fax: 01753 696916**  
**Email: info@atlasgroup.co.uk**  
**Web: www.atlasgroup.co.uk**



**Articulated-arm automation system for special purposes**  
 (where the overall dimensions of the pillars do not allow to install the pistons)



Technical Data	TERRA	NEXUS
Power supply	V A.C. 230	V A.C. 230
Motor power	W 310	W 310
Absorbed current	A 1,4	A 1,4
Torque	Nm 270	Nm 270
Reduction ratio	0,001	0,001
Degree of protection	IP 67	IP 67
Class of insulation	F	Y
Max wing weight	Kg 500	Kg 500
Interv. of overload prot.	130 °C	130 °C
Operative temperature	-20°/+70 °C	-20°/+70 °C
Max swinging angle	110 °	110 °
Opening time	110° 90°	14 Sec. 11 Sec.
Condenser	µF 12,5	µF 12,5
Lubrication	Olío Agip Blasía 32	
Weight	Kg 20	Kg 20
Dimensions	mm 235x235xH295	mm 305x315xH220

Maximum width of wing  
3.5m

Maximum weight  
of wing 500kg

The maximum opening  
angle can be increased  
with articulation 180 TER  
for maximum wing length  
of 2m