

Neos and Cross Series Technical Specifications

Neos Series



Description: electromechanical gera motor	NeoS 300 - NeoS+ 300	NeoS 400 - NeoS+ 400	NeoS 600 - NeoS+ 600	NeoS+ 1000
Stroke control	Virtual encoder	Virtual encoder	Limit swith + virtual encoder	Limit swith + virtual encoder
Gate leaf weight	300 kg	400 kg	600 kg	1000 kg
Maximum opening	12m	12m	20 m	20 m
Service index	4 - intensive	4 - intensive	4 - intensive	4 - intensive
Intermittent operation	S2 = 30 min, S2 = 50%	S2 = 30 min, S3 = 50%	S2 = 30 min, S3 = 50%	S2 = 30 min, S3 = 50%
Power absorption	230 V AC, 50/60Hz	230 V AC, 50/60Hz	230 V AC, 50/60Hz	230 V AC, 50/60Hz
Motor power supply	24 V DC	24 V DC	24 V DC	24 V DC
Power input	1.2 A	1.2 A	1.5 A	2 A
Thrust	300 N	400 N	600 N	1000 N
Opening and closing speed	0.1 - 0.25 m/s	0.1 - 0.25 m/s	0.1 - 0.24 m/s	0.1 - 0.19 m/s
Release system for manual opening	key-operated	key-operated	key-operated	key-operated
Operating temperature	-20°C / +55°C (35°C / +55°C with NIO enabled)	-20°C / +55°C (35°C / +55°C with NIO enabled)	-20°C / +55°C (35°C / +55°C with NIO enabled)	-20°C / +55°C (35°C / +55°C with NIO enabled)
Protection level	IP 24D	IP 24D	IP 24D	IP 24D
Product dimensions (mm)	335x210x307	335x210x307	335x210x307	335x220x307

*Technical Specification are subject to change without prior notice

Cross Series



Description: electromechanical actuator	Cross 18	Cross 18E	Cross 19V	Cross 30E
Travel control system	Rotary stop	Lever	Magnetic mechanical stop	Magnetic mechanical stop
Capacity	1800	1800 kg	1800 kg	3000 kg
Duty class	4 - Heavy duty	4 - Heavy duty	4 - Heavy duty	4 - Heavy duty
Intermittent operation	S2 = 30 min, S3 = 50%	S2 = 30 min, S3 = 50%	S2 = 30 min, S3 = 50%	S2S3 = 100%
Power supply	230 V AC, 50 Hz	230 V AC, 50 Hz	400 V AC, 50 Hz	400V AC, 50 Hz
Input	3 A	3 A	1.2 A	2.1 A
Thrust	1200 N	1200 N	1500 N	3000 N
Opening speed	0.2 m/s	0.2 m/s	0.2 m/s	0.16 m/s
Closing speed	0.2 m/s	0.2 m/s	0.2 m/s	0.16 m/s
Max stroke	11 m	20 m	20 m	20 m
Release system for manual opening	Key-operated	Key-operated	Key-operated	a Key-operated
Operating temperature	-20°C / +55°C (-35°C / +55°C with NIO enabled)	-20°C / +55°C (-35°C / +55°C with NIO enabled)	-20°C / +55°C	-20°C / +55°C
Protection level	IP 24D	IP 24D	IP 24D	IP 45
Product Dimensions (mm)	440x205x375	440x205x375	440x205x375	530x275x588
Control panel	E1A logicm	E1A (Built in)	E1T	E1T (built in)

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Accessories Photos



Blinker



Push Button



Rack



Remote



Key Switch



Photo Cell



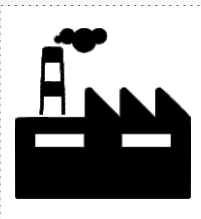
Loop Detector

*Other Accessories / Models on Request

Application



Warehouses



Industrial Plants & Factories



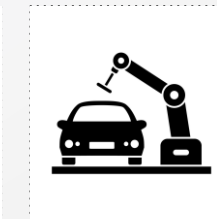
Loading Bays



Oil Refinery / Chemical Sector



Pharma Sector



Automobile Sector