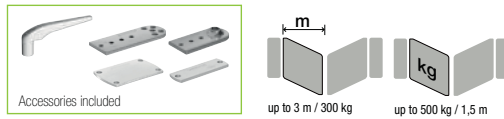
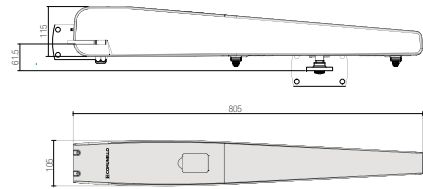
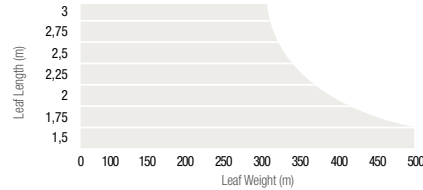


ABACUS 300

For leaves up to 3 m (Max leaf weight: 300 kg). For leaves up to 500 kg, max leaf length is 1,5 m



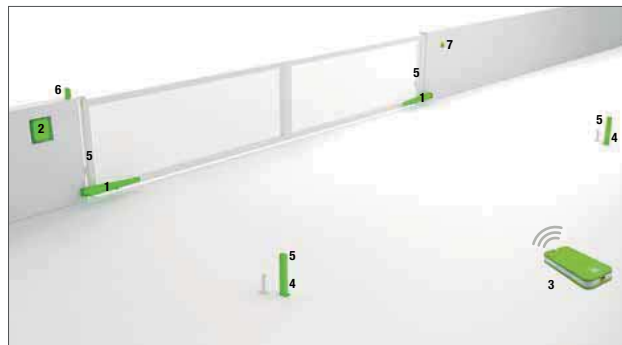
OPERATING LIMITS



| | | AS300 | | | | | | | | | | | | | |
|---|-----|-------|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|-------|
| X | Y | 80 | | 100 | | 120 | | 140 | | 160 | | 180 | | 200 | |
| | | K | Z | K | Z | K | Z | K | Z | K | Z | K | Z | K | Z |
| | 100 | 605 | 65 | 585 | 65 | 565 | 70 | 545 | 75 | 525 | 80 | 505 | 85 | 485 | 102.5 |
| | 120 | 608 | 75 | 588 | 70 | 568 | 70 | 548 | 75 | 528 | 85 | 508 | 85 | 508 | 102.5 |
| | 140 | 607 | 65 | 586 | 65 | 567 | 75 | 547 | 80 | 529 | 90 | 509 | 90 | 509 | 102.5 |
| | 160 | 605 | 70 | 584 | 75 | 566 | 80 | 546 | 85 | 526 | 95 | 506 | 95 | 506 | 102.5 |

■ NOT SUGGESTED

| ARTICLE | CODE | DESCRIPTION | PACKAGE | WEIGHT | PALETTE |
|------------------------|---------------|--|---------|---------|---------|
| ■ ABACUS 300 24V FM | GAS300MOL0B00 | 24V with mechanical stops | 1 pcs. | 10,1 kg | 45 |
| ■ ABACUS 300 24V FE | GAS300EOL0B00 | 24V with electronic limit switches | 1 pcs. | 10,1 kg | 45 |
| ■ ABACUS 300 230V FM | GAS300M0H0B00 | 230V with mechanical stops | 1 pcs. | 10,7 kg | 45 |
| ■ ABACUS 300 230V FE | GAS300E0H0B00 | 230V with electronic limit switches | 1 pcs. | 10,7 kg | 45 |
| ■ ABACUS 300 230V FM E | GAS300MEH0B00 | 230V with mechanical stops and encoder | 1 pcs. | 10,7 kg | 45 |



INSTALLATION CHART

- 2 ABACUS 300 24V FM** - GAS300MOL0B00
24V with mechanical stops
- 1 QUAD 24V HP** - GQJADHP2L0G00
Control unit for 1/2 motors 24V HP
- 1 KEEP 2 RC** - GKEEP2STN0B00
2 Channels rolling code Remote control
- 2 MAST 50** - GMAST0CSN0G00
Extruded aluminum column h. 50 cm
- 2 DART** - GDARTSTDN0B00
Photocells
- 1 SWIFT** - GSWIFTSTLYB00
Flashing signal light
- 1 INDEX** - GINDEXSTN0B00
Key operated switch
- 1 AC-50** - GBATTERYLOG00
Battery kit

TECHNICAL CHARACTERISTICS

| Electrical information | AS300 24V FM | AS300 24V FE | AS300 230V FM | AS300 230V FE | AS300 230V FM E |
|------------------------|---------------|---------------|---------------|---------------|-----------------|
| Power supply | 24 VDC | 24 VDC | 230 VAC | 230 VAC | 230 VAC |
| Power consumption | 110 W | 110 W | 280 W | 280 W | 280 W |
| Current input | 5 A | 5 A | 1,2 A | 1,2 A | 1,2 A |
| Maximum thrust | 1800 N | 1800 N | 2000 N | 2000 N | 2000 N |
| Nominal thrust | 600 N | 600 N | 700 N | 700 N | 700 N |
| Duty cycle | intensive use | intensive use | 50% | 50% | 50% |
| Protection rating (IP) | IP44 | IP44 | IP44 | IP44 | IP44 |
| Insulation class | 2 | 2 | 1 (earthing) | 1 (earthing) | 1 (earthing) |
| Working temperature | -20°C / +50°C | -20°C / +50°C | -20°C / +50°C | -20°C / +50°C | -20°C / +50°C |
| No-load speed | 21 mm/s | 21 mm/s | 16 mm/s | 16 mm/s | 16 mm/s |
| Weight | 10,2 kg | 10,2 kg | 10,7 kg | 10,7 kg | 10,7 kg |

ABACUS 300

ACCESSORIES from page 186 a 187



CONTROL ACCESSORIES from page 208 a 243



SAFETY ACCESSORIES from page 244 a 251

