BENINCÀ 100% Made in Italy

230 VAC

400 VAC

VN.S/M
VN.ST/MT

SECTIONAL DOORS AND ROLLING DOORS INDUSTRIAL USE

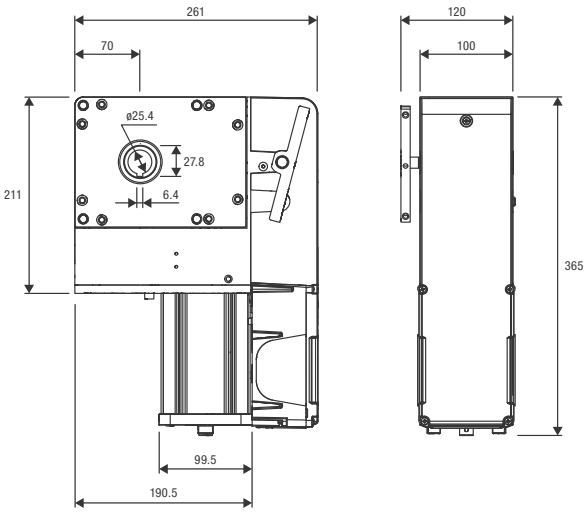
up to 40 m²

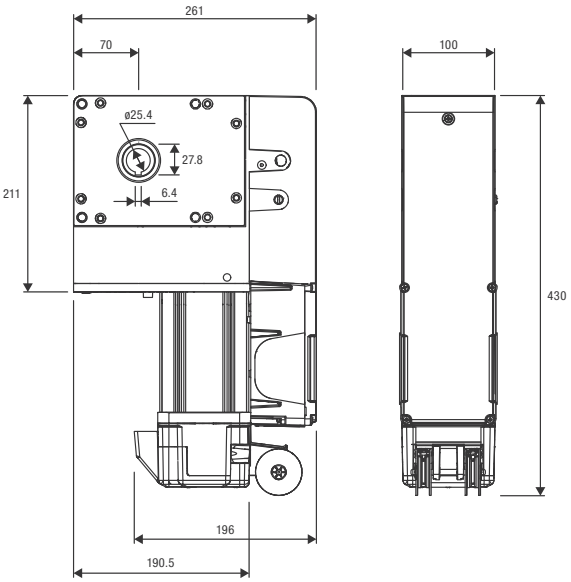
CONTROL UNITS:

VN.S20 **VN.M20**	THINKY START CELL.P
VN.S40 **VN.M40**	THINKY START CELL.P
VN.ST20 **VN.MT20** **VN.MT40**	THINKY START

230 Vac | 400 Vac

- Irreversible electromechanical gear motor with quick release or manual chain operated movement available in the single and three-phase versions with 1/20 and 1/40 reduction rates
- Plastic box that makes wiring the motor easier, thanks to the position of the front clip connector and the possibility of reaching three different positions with the wiring
- Two accessories are available for chain drives with reduction rates 1:1 (off-axis motor installation) or 1:1.8 (torque or speed multipliers)
- Easy and precise adjustment of limit switch position
- Maximum safety guaranteed during rapid release phases, thanks to a micro-switch that cuts the power supply to the motor
- Oil lubricated reductions with hardened steel screw and bronze gears guarantee high performance, maximum reliability and silent operation
- 4 micrometrically adjustable limit switches





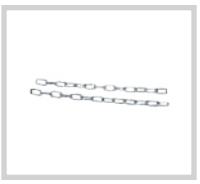
VN.A30
Shaft adapter
Ø 30 mm.

VN.A3175
Shaft adapter
Ø 31.75 mm.

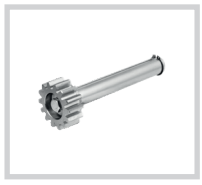
VN.A40
Shaft adapter
Ø 40 mm.

VN.RV
Transmission set 1:1.8 for 1" shaft (25.4 mm) composed of two gears with external diameter 78 mm and 138.4 mm and chain L = 1 m.

VN.RM
Transmission set 1:1 for 1" shaft (25.4 mm) composed of two gears with external diameter 78 mm and chain L = 1 m.



VN.CTA
Chain extension.



VN.M4
M4 pinion for use with rack in horizontal sliding door configuration.

RI.M4ZF
Galvanised slotted M4 rack 22x22x2010 mm for fastening to the side with the teeth. Supplied with M6 screws.
Package of 1 pc.

IPB.NO
Industrial keypad fitted with 2 contacts that are normally open.

IPB.NC
Industrial keypad fitted with a contact that is normally open and a contact normally closed.

LSR.D50
Laser control and safety sensor for industrial doors, certified EN12453 type E. Adjustable Detection area up to 5.5x5.5 m.

LSR.D99
Laser control and safety sensor for industrial doors, certified EN12453 type E. Adjustable Detection area up to 9.9x9.9 m.

RF.SUN
Battery-operated device recharged by means of a photovoltaic panel applied on a mobile edge.

RF
Device with a non rechargeable battery, with guaranteed duration 2 years.

SC.RF
Device powered at 12/24 Vdc with self-test function and 2 outputs for connection to the electronic control units.

AUTOMATISMI BENINCÀ SpA • Via del Capitello, 45 • 36066 Sandrigo (VI) ITALY • T +39 0444 751030 • sales@beninca.com

Wire unlock device	**VN.S20**	**VN.S40**	**VN.ST20**	**---**
Manual override	**VN.M20**	**VN.M40**	**VN.MT20**	**VN.MT40**
Motor supply	230 Vac (50-60Hz)	230 Vac (50-60Hz)	≋ 400 Vac (50-60Hz)	≋ 400 Vac (50-60Hz)
Max absorbed current	3.3 A	3.3 A	1.7 A	1.7 A
Max torque	130 Nm	130 Nm	180 Nm	180 Nm
Maximum output rotations	18	38	18	38
Output speed	24 r.p.m.	24 r.p.m.	24 r.p.m.	24 r.p.m.
Shaft hole	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
Limit switch reduction ratio	1/20	1/40	1/20	1/40
Duty cycle	30%	30%	50%	50%
Protection level	IP40	IP40	IP40	IP40
Operating temperature	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C
Lubrication	OIL	OIL	OIL	OIL
Max door surface	35 m^2/max	35 m^2/max	40 m^2/max	40 m^2/max
Weight	15.1 kg (VN.S20) 15.3 kg (VN.M20)	15.2 kg (VN.S40) 15.3 kg (VN.M40)	14.8 kg (VN.ST20) 15.1 kg (VN.MT20)	15 kg
Items no. per pallet	32 (VN.S20) 24 (VN.M20)	32 (VN.S40) 24 (VN.M40)	32 (VN.ST20) 24 (VN.MT20)	24