



## » DZ STARK

When creating a good project, thinking about quality products is essential. Discover the DZ STARK, PPA's latest gate operator. It is a solution to make accessing homes quicker and more secure.

The new sliding gate operators for homes are available in the Mono, Legero, and JetFlex. It also represents the best cost-benefit option in the category.

It is the ideal choice for those seeking comfort and security. It features an aluminum gearbox and installation compatible with several lines of home operators.

Check more features of this unique release at: <https://www.ppa.com.br/produtos>



## » TECHNICAL SPECIFICATIONS

	<b>DZ STARK 400 MONO</b>	<b>DZ STARK 600 MONO</b>	<b>DZ STARK 700 MONO</b>
Power supply	127 V / 220 V	127 V / 220 V	127 V / 220 V
Motor	Single phase	Single phase	Single phase
Model	1/4	1/3	1/2
Gate weight	Z14 = 400 kg Z18 = 300 kg	Z14 = 600 kg Z18 = 500 kg	Z14 = 700 kg Z18 = 600 kg
Reduction ratio	1:23	1:23	1:23
Speed*	Z14 = 13,5 s Z18 = 10,5 s	Z14 = 13,5 s Z18 = 10,5 s	Z14 = 13,5 s Z18 = 10,5 s
Cycles/hour	15	20	30
Output frequency	60 Hz	60 Hz	60 Hz
Motor rotation	1740 RPM	1740 RPM	1740 RPM
Capacitor	127V = 25 µF 220V = 12 µF	127V = 25 µF 220V = 12 µF	127V = 25 µF 220V = 12 µF
Limit switch	Analog or Digital	Analog or Digital	Analog or Digital
External gear	Z14/Z18 in aluminum	Z14/Z18 in aluminum	Z14/Z18 in aluminum
Spur gear	Nylon with metallic core	Nylon with metallic core	Nylon with metallic core

Opening and closing speeds measured in 3 meters. They may vary according to the gate weight and condition, besides deceleration settings.



## » TECHNICAL SPECIFICATIONS

	<b>DZ STARK 350 LEGERO</b>	<b>DZ STARK 500 LEGERO</b>	<b>DZ STARK 600 LEGERO</b>
Power supply	127 V / 220 V	127 V / 220 V	127 V / 220 V
Motor	Single phase	Single phase	Single phase
Model	1/4	1/3	1/2
Gate weight	Z14 = 350 Kg Z18 = 300 Kg	Z14 = 500 Kg Z18 = 450 Kg	Z14 = 600 Kg Z18 = 550 Kg
Reduction ratio	1:30	1:30	1:30
Speed*	Z14 = 8,5 s Z18 = 6,5 s	Z14 = 8,5 s Z18 = 6,5 s	Z14 = 8,5 s Z18 = 6,5 s
Cycles/hour	15	20	30
Output frequency	60 Hz	60 Hz	60 Hz
Motor rotation	3480 RPM	3480 RPM	3480 RPM
Capacitor	127 V = 35 µF 220 V = 15 µF	127 V = 35 µF 220 V = 15 µF	127 V = 35 µF 220 V = 15 µF
Limit switch	Digital or Hybrid	Digital or Hybrid	Digital or Hybrid
External gear	Z14/Z18 in aluminum	Z14/Z18 in aluminum	Z14/Z18 in aluminum
Spur gear	Nylon with metallic core	Nylon with metallic core	Nylon with metallic core

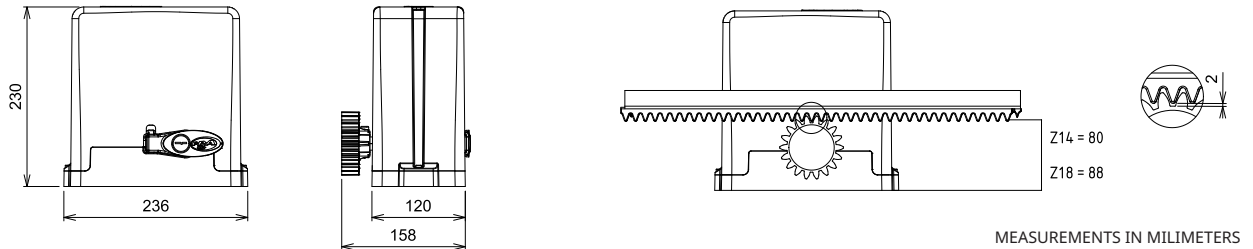
\*Opening and closing speeds measured in 3 meters. They may vary according to the gate weight and condition, besides deceleration settings

	<b>DZ STARK 450 JETFLEX</b>	<b>DZ STARK 650 JETFLEX</b>	<b>DZ STARK 750 JETFLEX</b>
Power supply	127 V / 220 V	127 V / 220 V	127 V / 220 V
Motor	Trifásico	Trifásico	Trifásico
Model	1/4	1/3	1/2
Gate weight	Z14 = 450 Kg Z18 = 400 kg	Z14 = 650 Kg Z18 = 600 kg	Z14 = 750 Kg Z18 = 700 kg
Reduction ratio	1:30	1:30	1:30
Speed*	Z14 = 5,5 s Z18 = 4 s	Z14 = 5,5 s Z18 = 4 s	Z14 = 5,5 s Z18 = 4 s
Cycles/hour	20	25	35
Output frequency	200 Hz (Máx)	200 Hz (Máx)	200 Hz (Máx)
Motor rotation	5800 RPM (Máx)	5800 RPM (Máx)	5800 RPM (Máx)
Capacitor	Hybrid	Hybrid	Hybrid
Limit switch	Z14/Z18 in aluminum	Z14/Z18 in aluminum	Z14/Z18 in aluminum
External gear	Nylon with metallic core	Nylon with metallic core	Nylon with metallic core

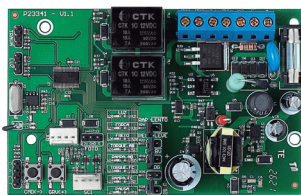
\*Opening and closing speeds measured in 3 meters. They may vary according to the gate weight and condition, besides deceleration settings



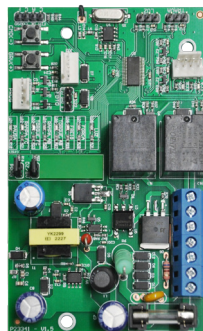
» TECHNICAL DRAWING



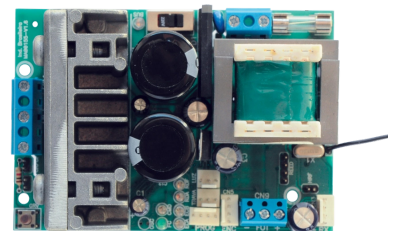
» CONTROL BOARDS



**MONO:** AGILITY CONTROL BOARD



**LEGERO:** AGILITY LEGERO CONTROL BOARD



**JETFLEX:** TRIFLEX FACILITY CONTROL BOARD

» RELATED PRODUCTS



**CONTATTO WI-FI** CONNECT MODULE



**F10-R REFLEXIVE** PHOTOCELL



**ZAP POP**