

TEV DOORS



EXTERIOR

PORTA
DOORS

BASIC INFORMATIONS ABOUT EXTERIOR DOORS

PRODUCT OF
PORTA STEEL

ENGINEERING STRUCTURE

Steel SAFE RC2, Steel SAFE RC3, Steel SAFE RC2 THERMO, Steel SAFE RC3 THERMO

- Double-layer wooden beams in door leaf
- Steel SAFE RC3 models are additionally strengthened with a steel angle bar
 - 100 mm steel external, angular frame; an additional thermal plate and a thermal threshold
- Steel ENERGY PROTECT
- Double-layer wooden beams in door leaf, strengthened with a steel angle bar
 - 100 mm steel external, angular frame with an additional thermal plate and a thermal threshold
- Steel ARCTIC PASSIVE
- Wooden frame-panel • Door frame - multilayer glued coniferous timber
 - Wooden door frame with 1.5 mm galvanised steel cladding

CORE



MINERAL WOOL
available at extra charge

Steel SAFE RC2, Steel SAFE RC3, Steel SAFE RC2 THERMO, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT



EXPANDED POLYSTYRENE WITH
BIG GRAPHITE ADDITION
all collections

GLAZING

- Reflex type glass pane, combined glazing with 0.5 coefficient and P4 anti-burglery class
- Stainless-steel frames (frame for inox pane)

SEALING

Steel SAFE RC2, Steel SAFE RC2 THERMO, Steel SAFE RC3, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT

- Double door sealing at the interface of door frame with door leaf
- Sealing system on the entire door circumference

Steel ARCTIC PASSIVE

Door leaf tightness is guaranteed by a double system of seals, the first and the second system, incorporated into door leaf and door frame, is seamless (uninterrupted) and protect the door from four sides

THRESHOLD

Steel SAFE RC2, Steel SAFE RC3 • Stainless-steel threshold with perforation
Steel SAFE RC2 THERMO, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT • Thermal threshold with increased heat transfer coefficient (made of inox stainless steel)
Steel ARCTIC PASSIVE • ThermoControl threshold (wooden core with stainless steel cladding)



ACCESSORIES

- **Two independent LOB locks** Steel SAFE RC2, Steel SAFE RC2 THERMO
- **Winkhaus hook lock** Steel SAFE RC3, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT, Steel ARCTIC PASSIVE
- **Additional upper lock** Steel SAFE RC3, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT, Steel ARCTIC PASSIVE
- **The adjustment of the main lock striker in a door frame** Steel SAFE RC2, Steel SAFE RC2 THERMO, Steel SAFE RC3, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT.
- **The adjustment of all locking points of the lock in a door frame** Steel ARCTIC PASSIVE
- **Three 3-element** Steel SAFE RC2, Steel SAFE RC2 THERMO, Steel SAFE RC3, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT
- **Three 3D hinges** Steel ARCTIC PASSIVE
- **Four interlocking door bolts**
- **OPAL handle in safety class 2** Steel SAFE RC2, Steel SAFE RC2 THERMO
- **SAFE handle in safety class 3** Steel SAFE RC3, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT, Steel ARCTIC PASSIVE
- **Assembly set • Cylinder locks**
- **Eyehole (in full door leaf)**
- **Drip tray in colour of door leaf, for door opening to the inside**
- **Stiff chain** Steel SAFE RC3, Steel SAFE RC3 Z THERMO, Steel ENERGY PROTECT, Steel ARCTIC PASSIVE
- **1500 mm round handle • 1500 mm rectangular handle**
- **Upper escutcheon**
- **Self-closer**
- **Lower 150 mm stainless steel panel (A0, B1, F1 pattern)**
- **Preparation to shortening, lower protection (after self-shortening of door leaf)** Steel SAFE RC2, Steel SAFE RC2 THERMO, Steel SAFE RC3, Steel SAFE RC3 THERMO, Steel ENERGY PROTECT

FINISH TYPES

- Polyester paint
- PVC-laminated, galvanised sheet metal

PARAMETERS

- For solid doors

HEAT PERMEABILITY*	ANTI-BURGLERY RESISTANCE				ACOUSTIC INSULATION	WATER-PROOFNESS		
Ud	Ud	Ud	Ud	RC 2	RC 3	30 dB	3B	4A /5B
1.4	1.2	1.1	0.95	RC 2	RC 3	30 dB	3B	4A /5B

	Ud 1.4	Ud 1.2	Ud 1.1	Ud 0.95	RC 2	RC 3	30 dB	3B	4A /5B
Steel SAFE RC2	●	○	○	○	●	○	●	●	○
Steel SAFE RC2 THERMO	○	●	○	○	●	○	●	●	○
Steel SAFE RC3	●	○	○	○	○	●	●	○	●
Steel SAFE RC3 THERMO	○	●	○	○	○	●	●	○	●
Steel ENERGY PROTECT	○	○	●	○	○	●	●	○	●
Steel ECO ARCTIC	○	○	○	●	○	●*	●*	○	●*

* ITB Preliminary results

HEAT PERMEABILITY* This parameter indicates the level of heat energy which will permeate through the door (including the door frame) during one hour – LESS/BETTER.

ANTI-BURGLERY RESISTANCE Door resistance to unauthorised opening, verified and qualified to class 2 or 3, acc. to PN-EN 1627:2012.

ACOUSTIC INSULATION Defined by R_w and D coefficient of acoustic insulation, indicates the decibel level of outdoor noise which the door will be able to attenuate.

WATERPROOFNESS Entrance doors are tested by the following two methods: "A" - for doors totally exposed to the effects of outdoor factors - and "B" - for doors partially protected (under a roof) against outdoor factors and classified with regards to obtained test pressure at which no water leaks occurred.

Steel SAFE RC2

RC2* entrance door in anti-burglery version, applied in buildings. Available in a broad range of sheet metal covering with wood grain laminate or polyester paint coating.



Ud 1.4 W/m²K
HEAT TRANSFER COEFFICIENT*



STEEL DOOR FRAME
Large angular 100, external, in door leaf colour, with a seal



UPPER LOCK
upper, 3-rod control with a cylinder (one-key system)



PRIMARY LOCK
3-rod control with a cylinder (one-key system)

OPAL HANDLE
safety class 2



CORE
expanded polystyrene



GLAZING
triple-pane assembly in P4 class



DOOR LEAF THICKNESS 54 MM



4 INTERLOCKING DOOR BOLTS



EYEHOLE
in solid doors



ADJUSTABLE LOCK STRIKE



THREE 3-ELEMENT HINGES



THRESHOLD
made of stainless steel with perforation



DRIP TRAY
for door opening to the inside

* APPLICABLE FOR SOLID DOOR LEAVES

Door kit components

• **Door leaf** leaf the structure of which is based on double-layer wooden beams, which are amounted on the entire door leaf circumference. Expanded polystyrene with big graphite addition is used as a thermoinsulation core Door leaf casing is made of 0.6 mm galvanised steel sheet metal, finished with PVC film, resistant to weather conditions, or with polyester paint. • **Door frame** (Steel large angular 100 external)
 • **Three 3-element hinges** • **Two independent LOB locks** • **Four** interlocking door bolts • **OPAL handle** and upper escutcheon in safety class 2 • **Assembly set** • **Cylinders** • **Eyehole** (in solid door leaf at extra charge)
 • **An adjustable main lock** striker in a door frame • **Drip tray** in door leaf colour, for doors opened to the inside (at extra charge) • **Threshold** of stainless steel with perforation • In glazed models: **glazing** in 3-pane kit • **Frames** of stainless steel (inox pane frame)

Additional accessories / extra charges

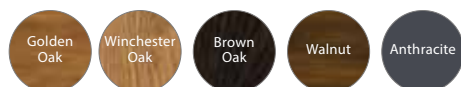
- Size „100“
- Eyehole
- Drip cap in colour of door leaf
- Two LOB cylinders, class B - extra charge
- Lower 150 mm stainless steel, bilateral panel (A0, B1, F1 pattern)
- Core – mineral wool
- Lower protection after self-shortening
- Strengthening for self-closer
- 1500 mm round or rectangular handle


COLOURS

POLYESTER PAINT ★★★★★☆



PCV LAMINATED STEEL SHEET ★★★★★☆



K  Make a personal colour selection and enquire with Porta CONTRACT.

MODELS



model A0

model B1

model C1

model D1

model E1

model F1

Steel SAFE RC2 with Thermo

RC2* entrance door in anti-burglery version, provided with thermal door frame, intended for buildings. Available in a broad range of sheet metal covering with wood grain laminate or polyester paint coating.



Ud **1.2** W/m²K
HEAT TRANSFER COEFFICIENT*



THERMO STEEL DOOR FRAME

Large angular 100, external, with a thermal separator in door leaf colour, with a seal



UPPER LOCK

upper, 3-rod control with a cylinder (one-key system)



PRIMARY LOCK

3-rod control with cylinder (one-key system)
OPAL HANDLE
safety class 2



CORE

expanded polystyrene



GLAZING

triple-pane assembly in P4 class



DOOR LEAF THICKNESS 54 MM



4 INTERLOCKING DOOR BOLTS



EYEHOLE

in solid doors



ADJUSTABLE LOCK STRIKE



THREE 3-ELEMENT HINGES



THRESHOLD

thermal with an increased heat transfer coefficient, made of inox stainless steel sheet metal



DRIP CAP

for door opening to the inside

* APPLICABLE FOR SOLID DOOR LEAVES

Door kit components

• **Door leaf** the structure of which is based on double-layer wooden beams, which are amounted on the entire door leaf circumference. Expanded polystyrene with big graphite addition is used as a thermoinsulation core Door leaf casing is made of 0.6 mm galvanised steel sheet metal, finished with PVC film, resistant to weather conditions, or with polyester paint. • **Steel Thermo door frame** (large angular 100, external with thermal separator in door leaf colour with a seal) • **Three** 3-element hinges • **Two independent LOB** locks • **Four** interlocking door bolts • **OPAL handle** and upper escutcheon in safety class 2 • **Assembly set** • **Cylinders** • **Eyehole** (in solid door leaf at extra charge) • **An adjustable main lock** striker in a door frame • **Drip tray** in door leaf colour, for doors opened to the inside (at extra charge) • **Thermal threshold** with increased heat transfer coefficient, made of inox stainless steel sheet metal • In glazed models: **glazing** in 3-pane kit • **Frames** of stainless steel (inox pane frame)

Additional accessories / extra charges

- Size „100“
- Size
- Drip cap in colour of door leaf
- Two LOB cylinders, class B - extra charge
- Lower 150 mm stainless steel, bilateral panel (A0, B1, F1 pattern)
- Core – mineral wool
- Lower protection after self-shortening
- Strengthening for self-closer
- 1500 mm round or rectangular handle

COLOURS

POLYESTER PAINT ★★★★★☆



PCV LAMINATED STEEL SHEET ★★★★★☆



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MODELS



model A.0

model B1

model C1

model D1

model E1

model F1

Steel SAFE RC3

RC3* entrance door, available in anti-burglery version, intended for buildings. Available in a broad range of sheet metal covering with wood grain laminate or polyester paint coating.



Ud 1.4 W/m²K
HEAT TRANSFER COEFFICIENT*



STEEL DOOR FRAME
Large angular 100, external, in door leaf colour, with a seal



HOOK - UPPER / LOWER LOCKING



STRIP LOCK
Winkhaus multipoint hook-bolt lock
SAFE HANDLE
safety class 3



CORE
expanded polystyrene



GLAZING
triple-pane assembly in P4 class



DOOR LEAF THICKNESS 54 MM



4 INTERLOCKING DOOR BOLTS



EYEHOLE
in solid doors



ADJUSTABLE LOCK STRIKE



THREE 3-ELEMENT HINGES



THRESHOLD
made of stainless steel with perforation



DRIP CAP
for door opening to the inside

* APPLICABLE FOR SOLID DOOR LEAVES

Door kit components

• **Door leaf** the structure of which is based on double-layer wooden beams, which are mounted on the entire door leaf circumference. The door leaf structure is additionally strengthened with a steel angle Expanded polystyrene with big graphite addition is used as a thermoinsulation core. Door leaf casing is made of 0.6 mm galvanised steel sheet metal, finished with PVC film, resistant to weather conditions, or with polyester paint. • **Door frame** (steel large angular 100 external) • **Three** 3-element hinges • **Winkhaus STV hook** lock with pressure mechanism • **Four** interlocking door bolts • **SAFE handle** in safety class 3 • Assembly set • **WILKA cylinder** • **Eyehole** (in solid door leaf - at extra charge) • **An adjustable main lock** striker in a door frame • **Drip cap** in door leaf colour, for doors opened to the inside (at extra charge) • **Thermal** threshold of increased heat transfer coefficient, made of inox stainless steel sheet metal • In glazed models: **combined** glazing with 0.5 coefficient and P4 anti-burglery class • **Stainless steel** frames (inox pane frame).

Additional accessories / extra charges

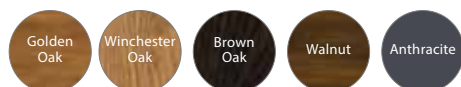
- Size „100“
- Eyehole
- Drip cap in door leaf colour
- Additional upper lock
- Stiff chain in painted doors
- Stiff chain in PVC-laminated doors
- Upper escutcheon in class C
- Lower WILKA lock cylinder, class B - replacement for basic kit in class A
- Upper WILKA lock cylinder, class A
- Upper WILKA lock cylinder, class B
- Lower 150 mm stainless steel, bilateral panel (A0, B1, F1 pattern)
- Core – mineral wool
- Lower protection after self-shortening
- Strengthening for self-closer
- 1500 mm round or rectangular handle


COLOURS

POLYESTER PAINT ★★★★★☆



PCV LAMINATED STEEL SHEET ★★★★★☆



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MODELS



model A0

model B1

model C1

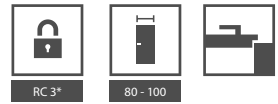
model D1

model E1

model F1

Steel SAFE RC3 with Thermo

RC3* entrance door in anti-burglery version, provided with thermal door frame, intended for buildings. Available in a broad range of sheet metal covering with wood-like laminate or polyester paint coating.



Ud **1.2** W/m²K
HEAT TRANSFER COEFFICIENT*



THERMO STEEL DOOR FRAME

Large angular 100, external, with a thermal separator in door leaf colour, with a seal



HOOK - UPPER / LOWER LOCKING



STRIP LOCK

Winkhaus multipoint hook-bolt lock

SAFE HANDLE

safety class 3



CORE

expanded polyester



GLAZING

triple-pane assembly in P4 class



THRESHOLD

thermal with an increased heat transfer coefficient, made of inox stainless steel sheet metal



DRIP CAP

for door opening to the inside



DOOR LEAF THICKNESS 54 MM



4 INTERLOCKING DOOR BOLTS



EYEHOLE

in solid doors



STIFF CHAIN



THREE 3-ELEMENT HINGES

* APPLICABLE FOR SOLID DOOR LEAVES

Door kit components

- **Door leaf** the structure of which is based on double-layer wooden beams, which are mounted on the entire door leaf circumference. The door leaf structure is additionally strengthened with a steel angle Expanded polystyrene with big graphite addition is used as a thermoinsulation core Door leaf casing is made of 0.6 mm galvanised steel sheet metal, finished with PVC film, resistant to weather conditions, or with polyester paint.
- **Thermo** steel door frame (large angular 100, external with thermal separator in door leaf colour with a seal)
- **Winkhaus STV hook lock** with pressure mechanism • **Four** interlocking door bolts • **SAFE handle** in safety class 3 • Assembly set • **WILKA** cylinder lock • **Eyehole** (in solid door leaf at extra charge) • **An adjustable main lock** striker in a door frame • **Drip cap** in door leaf colour, for doors opened to the inside (at extra charge) • **Thermal** threshold with increased heat transfer coefficient, made of inox stainless steel sheet metal • In glazed models: combined glazing with 0.5 coefficient and P4 anti-burglery class • **Stainless steel** frames (inox pane frame)

Additional accessories / extra charges

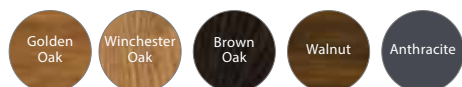
- Size "100"
- Eyehole
- Drip cap in door leaf colour
- Additional upper lock
- Stiff chain in painted doors
- Stiff chain in PVC-laminated doors
- Upper escutcheon in class C
- Lower WILKA lock cylinder, class B - replacement for basic kit in class A
- Upper WILKA lock cylinder, class A
- Upper WILKA lock cylinder, class B
- Lower 150 mm stainless steel, bilateral panel (A0, B1, F1 pattern)
- Core – mineral wool
- Lower protection after self-shortening
- Strengthening for self-closer
- 1500 mm round or rectangular handle


COLOURS

POLYESTER PAINT ★★★★★☆



PCV LAMINATED STEEL SHEET ★★★★★☆



 Make a personal colour selection and enquire with Porta CONTRACT.

MODELS



model A0

model B1

model C1

model D1

model E1

model F1

Steel ENERGY PROTECT

RC3* entrance door with improved thermal features, available in anti-burglery version, intended for buildings. Available in a broad range of sheet metal covering with wood-like laminate or polyester paint coating.



Ud 1.1 W/m²K
HEAT TRANSFER COEFFICIENT*



THERMO STEEL DOOR FRAME

Large angular 100, external, with a thermal separator in door leaf colour, with a seal



HOOK - UPPER / LOWER LOCKING



STRIP LOCK

Winkhaus multipoint hook-bolt lock

SAFE HANDLE

safety class 3



SAFE ESCUTCHEON

for door knocker



DOOR LEAF THICKNESS 66 MM



4 INTERLOCKING DOOR BOLTS



EYEHOLE

in solid doors



STIFF CHAIN



THREE 3-ELEMENT HINGES



CORE

expanded polyester



GLAZING

triple-pane assembly in P4 class



THRESHOLD

thermal with an increased heat transfer coefficient, made of inox stainless steel sheet metal



DRIP CAP

for doors opening to the inside

* APPLICABLE FOR SOLID DOOR LEAVES

Door kit components

• **Door leaf** the structure of which is based on double-layer wooden beams, which are mounted on the entire door leaf circumference. The door leaf structure is additionally strengthened with a steel angle Expanded polystyrene with big graphite addition is used as a thermoinsulation core Door leaf casing is made of 0.6 mm galvanised steel sheet metal, finished with PVC film, resistant to weather conditions, or with polyester paint. • **Thermo** steel door frame (large angular 100, external with thermal separator in door leaf colour with a seal) • Door leaf tightness is ensured by a double seal system, the first and the second system, incorporated into door leaf and door frame, is uninterrupted and protects the door from four sides • **Three** 3-element hinges • **Winkhaus STV hook lock** with pressure mechanism • **Four** interlocking door bolts • **SAFE handle** in safety class 3 • Assembly set • **WILKA** cylinder lock • Eyehole (in solid door leaf at extra charge) • **Anadjustable main lock** striker in a door frame • **Drip cap** in door leaf colour, for doors opened to the inside (at extra charge) • **Thermal** threshold with increased heat transfer coefficient (made of inox stainless steel) • In glazed models: **combined** glazing with 0.5 coefficient and P4 anti-burglery class • **Stainless steel** frames (inox pane frame)

Additional accessories / extra charges

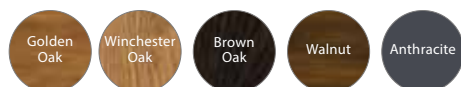
- Size "100"
- Eyehole
- Drip cap in door leaf colour
- Additional upper lock
- Stiff chain in painted doors
- Stiff chain in PVC-laminated doors
- Upper escutcheon in class C
- Lower WILKA lock cylinder, class B - replacement for basic kit in class A
- Upper WILKA lock cylinder, class A
- Upper WILKA lock cylinder, class B
- Lower 150 mm stainless steel, bilateral panel (A0, B1, F1 pattern)
- Core – mineral wool
- Lower protection after self-shortening
- Strengthening for self-closer
- 1500 mm round or rectangular handle


COLOURS

POLYESTER PAINT ★★★★★☆



PCV LAMINATED STEEL SHEET ★★★★★☆



K  Make a personal colour selection and enquire with Porta CONTRACT.

MODELS



Steel ARCTIC PASSIVE

RC3* entrance door with the highest thermal features, available in anti-burglery version, intended for buildings. Available in a broad range of sheet metal covering with wood-like laminate or polyester paint coating.



Ud 0.95 W/m²K
HEAT TRANSFER COEFFICIENT*



WOODEN DOOR FRAME
with stainless steel cladding



HOOK - UPPER / LOWER LOCKING



STRIP LOCK
Winkhaus multipoint hook-bolt lock

SAFE HANDLE
safety class 3



CORE
expanded polystyrene



GLAZING
triple-pane assembly in P4 class



DOOR LEAF THICKNESS 56 MM



4 INTERLOCKING DOOR BOLTS



EYEHOLE
in solid doors



STRIKER STRIP



THREE 3D HINGES



WARM THRESHOLD
Porta ThermoControl



DRIP CAP
for doors opening™ to the inside

* APPLICABLE FOR SOLID DOOR LEAVES

Door kit components

- **Door leaf** with wooden frame-panel structure. Door frame made of multilayer glued coniferous timber, covered with 0.6 mm galvanised steel sheet metal; coated with PVC wood-like laminate, resistant to weather conditions, or painted with polyester paint. Internal core with frame structure, filled with expanded polystyrene with a big graphite addition
- **Wooden** door frame with 1.5 mm galvanised steel cladding, coated with PVC wood-like laminate or polyester paint
- Door leaf tightness is ensured by a double sealing system, the first and the second system is incorporated into door leaf and door frame and protects the door from four sides
- **Winkhaus STV hook lock** with pressure mechanism, in a kit with adjustable interlocking strip in the door frame
- **Strengthening** for self-closer
- **Four** interlocking door bolts
- **SAFE handle** in safety class 3
- **Three 3D hinges**
- **Four interlocking door bolts**
- **WILKA** lock cylinder
- **Eyehole** (in solid door leaf at extra charge)
- Drip cap in door leaf colour, for doors opened to the inside (at extra charge)
- **ThermoControl** threshold (wooden core with stainless steel cladding)
- In glazed **models**: combined glazing with 0.5 coefficient and P4 anti-burglery class
- **Stainless steel** frames (inox pane frame)

Additional accessories / extra charges

- Size "100"
- Eyehole
- Drip cap in door leaf colour
- Additional upper lock
- Stiff chain in painted doors
- Upper escutcheon in class C
- Lower WILKA lock cylinder, class B – replacement for basic kit in class A
- Upper WILKA lock cylinder, class A
- Upper WILKA lock cylinder, class B
- Lower 150 mm stainless steel, bilateral panel (A0, B1, F1 pattern)
- Core – mineral wool
- Strengthening for self-closer
- 1500 mm round or rectangular handle

COLOURS

POLYESTER PAINT ★★★★★☆

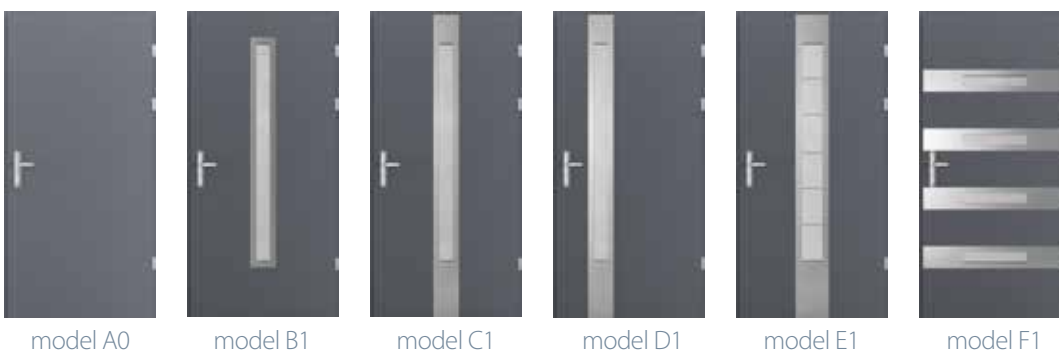


PCV LAMINATED STEEL SHEET ★★★★★☆



K Make a personal colour selection and enquire with Porta CONTRACT.

MODELS



model A0

model B1

model C1

model D1

model E1

model F1