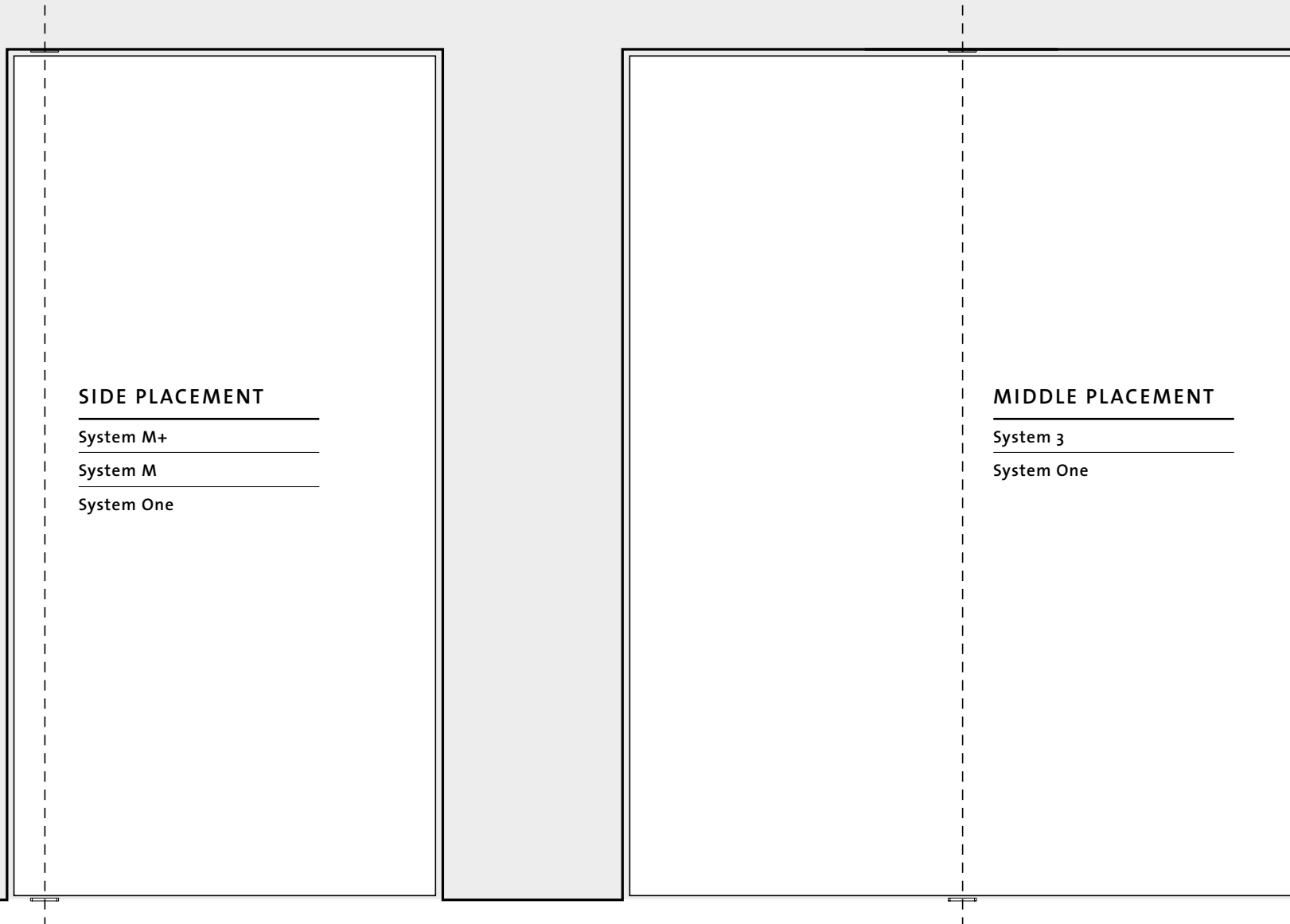


POSITIONING OF THE SYSTEMS

www.fritsjurgens.com/tools



FritsJurgens pivot hinge systems can be used to design pivot doors with side and middle placement. Depending on the positioning of the system and the function of the pivot door, the right system can be selected.

COMPARE SYSTEMS

	SYSTEM M+	SYSTEM M	SYSTEM 3	SYSTEM ONE
System features	M32+: 294,8 x 32 x 99,6 mm M32+: 2,6 KG M42+: 308,2 x 42 x 112,7 mm M42+: 3,6 KG	294,8 x 32 x 99,6 mm 2,6 KG	160 x 32 x 143 mm 0,75 KG	160 x 32 x 39 mm 0,36 KG
Material	Stainless Steel Anodized aluminum	Stainless Steel Anodized aluminum	Stainless Steel Anodized aluminum	Stainless Steel Anodized aluminum
Corrosion resistance	EN 1670 - class 5 (norm:0-5)	EN 1670 - class 5 (norm:0-5)	EN 1670 - class 5 (norm:0-5)	EN 1670 - class 5 (norm:0-5)
Door features	Double-acting 180° rotation Single-acting 90° rotation	Double-acting 180° rotation Single-acting 90° rotation	Double-acting 360° rotation	Double-acting 360° rotation Single-acting 90° rotation
Hold positioning	Hold positions 90°, -90° and 0°	Hold positions 90°, -90° and 0°	Hold positions 0°, 90°, 180°, 270°	360° free-swinging pivot
Weight capacity	20-500 KG	20-210 KG	40-350 KG	20-500 KG
Door width	400-5000 mm	400-4400 mm	1000-3800 mm	Unlimited
Door height	Unlimited	Unlimited	Unlimited	Unlimited
Pivot point	Min. 91 mm to short side	Min. 91 mm to short side	Min. 91 mm to short side	Min. 91 mm to short side
Door thickness	M32+: 40 mm M42+: 50 mm	40 mm	40 mm	40 mm
Door movement	Self-closing from 125° and -125° to 0° 1. Damper Control Back-check for damping on opening, soft-close. 2. 30° Speed Control Adjustable closing speed in last part of closing. L Latch Control Accelerates the door shortly before closed position.	Self-closing from 125° and -125° to 0° 1. Damper Control Back-check for damping on opening, soft-close.	Door moves from each 45° angle, in both directions, to a hold position.	360° free-swinging pivot
	<u>GO TO SYSTEM M+</u>	<u>GO TO SYSTEM M</u>	<u>GO TO SYSTEM 3</u>	<u>GO TO SYSTEM ONE</u>

FritsJurgens offers four series of pivot hinges, creating a solution for every pivot door. Every pivot hinge is fully mortised in the pivot door and easy to install.

FUNCTIONS

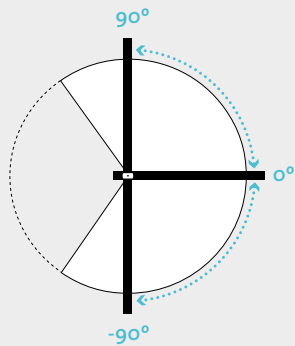
SYSTEM M+

Double-acting doors

Rotation 180°

Hold positions 90°, -90° and 0°

Self-closing from 125° and -125° to 0°

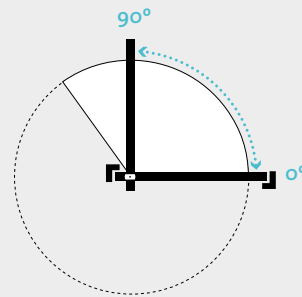


Single-acting doors (with door frames*)

Rotation 90°

Hold positions 90° and 0°

Self-closing from 125° to 0°



**Due to Latch Control (see next page)*

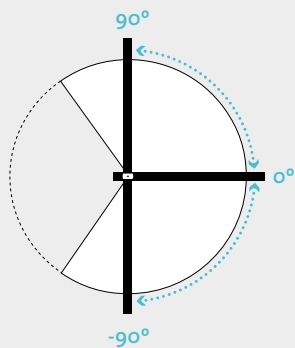
SYSTEM M

Double-acting doors

Rotation 180°

Hold positions 90°, -90° and 0°

Self-closing from 125° and -125° to 0°

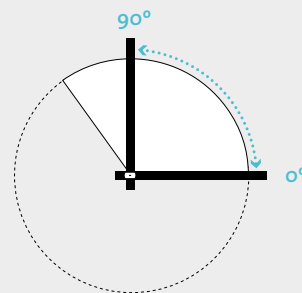


Single-acting doors

Rotation 90°

Hold positions 90° and 0°

Self-closing from 125° to 0°

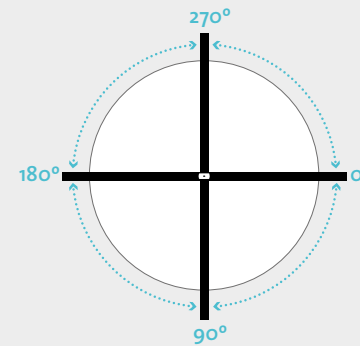


SYSTEM 3

Double-acting doors

Rotation 360°

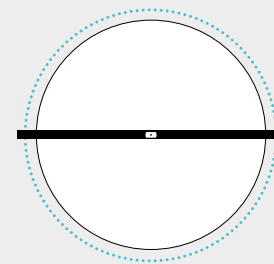
Hold positions 0°, 90°, 180°, 270°



SYSTEM ONE

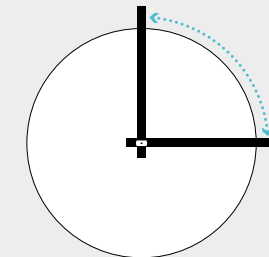
Double-acting doors

Rotation 360°



Single-acting doors

Rotation 90°



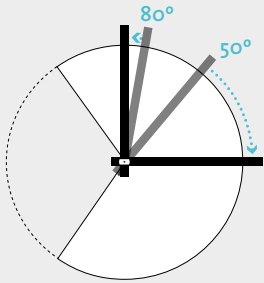
When the pivot hinge is placed on the left or right side of the door, allowing 90° rotation or 180° rotation, System M+, System M and System One are suitable choices. When the pivot hinge is placed in the middle of the door this will allow for 360° rotation. Both System 3 and System One are suitable choices.

MOVEMENT

SYSTEM M+ | SELF-CLOSING FROM 125° AND -125° TO 0°

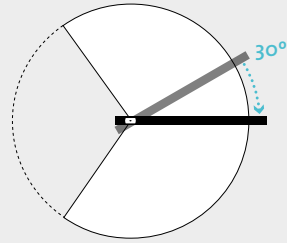
1. **Damper Control**

Back-check for damping on opening, soft-close.



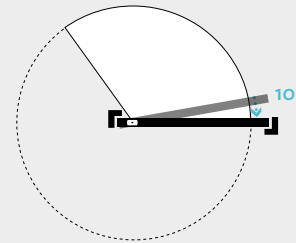
2. **30° Speed Control**

Adjustable closing speed in last part of closing movement.



L **Latch Control**

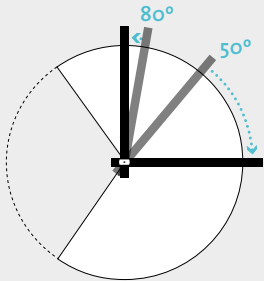
Accelerates the door shortly before closed position to ensure proper latching.



SYSTEM M | SELF-CLOSING FROM 125° AND -125° TO 0°

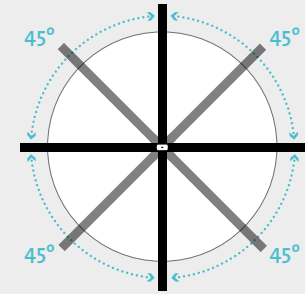
1. **Damper Control**

Back check for damping on opening, soft-close.



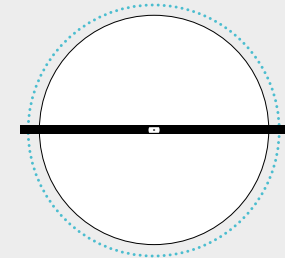
SYSTEM 3

Door moves from each 45° angle, in both directions, to a hold position.



SYSTEM ONE

360° free-swinging pivot.



In System M and System M+ the movement of the pivot door is generated and controlled by FlowMotion. FlowMotion technology puts hydraulic power to use by turning it into a controlled, smooth door movement. This is what makes FlowMotion technology unique. System 3 can rotate 360° and is characterized by a hold position at every quarter of the circle. System One is the most compact system: the hinge acts as a revolving point.