OVERLINE +

SYSTEM COMPONENTS

Positioner - option

Top track

Adapter for door closing system

Activator of internal door

Internal top roller

Door closing system

External top roller

External door activator

Bottom rolling slide internal door

Bottom track

Bottom rolling slide external door

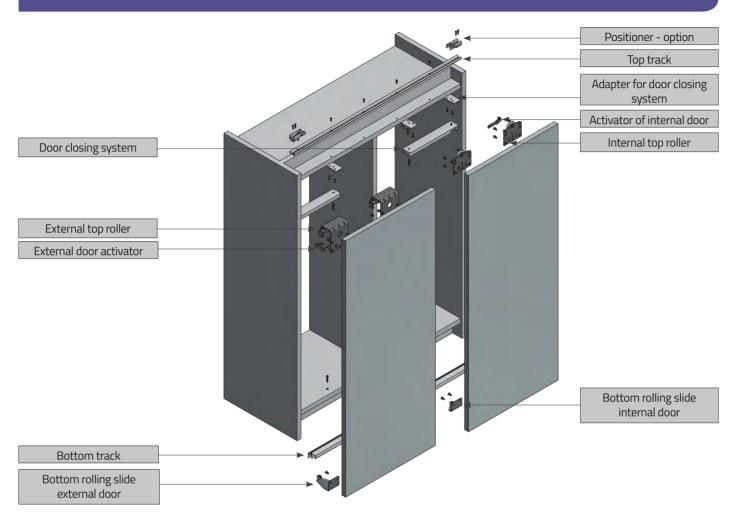**A-SN-HSET1**
OVERLINE PLUS set: 2 szt. wózków zewnętrznych, 2 szt. wózków wewnętrznych, 2 szt. prowadników dolnych tocznych drzwi zewnętrznych, 2 szt. prowadników dolnych tocznych drzwi wewnętrznych, 1 zestaw wkrętów.

A-SN-POZ
Positioner

A-SN-TG-405-00   Top track (405 cm)

A-SN-TDT-405-00   Bottom track (405 cm)

A-SN-SOFT-25 / A-SN-SOFT-40
Door closing system 25 / 40 kg

A-SN-ADSET Buffer set: 1pc. activator outer door and 1 pc. inner door, 4 pcs. adapter, 1 screw set.
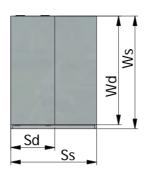

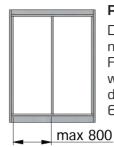◎ Ball bearing   ⌂ 50 kg   ◇ Panel 16 - 22 mm

CALCULATIONS

Recess furnishing
(surface-mounted and recessed doors)

$Ws = Wo - 25$
Wo
$Ss = So - 7$
So

Freestanding wardrobe
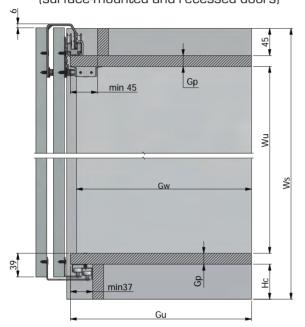(surface-mounted and recessed doors)

Ws
Wd
Sd
Ss

Wardrobe body
(surface-mounted and recessed doors)

max 800

RECOMMENDATIONS

Distance between partitions max 800mm
For doors over 35kg we recommend, that the distance does not exceed 650mm.

Internal construction
(surface-mounted and recessed doors)

min 45
Gp
45
Wu
Gw
Ws
6
39
min37
Gp
Hc
Gu

DESIGNATIONS / DANE DO OBLICZEŃ

Wo - opening height
So - opening width
Ws - wardrobe height
Ss - wardrobe width
Gs - wardrobe depth
Gp - thickness of panel used for body construction (16/18mm)
Gd - door thickness (16-22 mm)
Hc - crown height (min. 50 mm)
Z - overlap (minimum overlap 20 mm)
Wu - usable height (compartment height)
Sw - internal wardrobe width (usable width)
Gu - usable wardrobe depth (depth of lower and top crown)
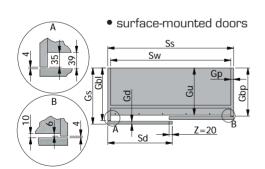Gw - compartment depth
Gbl - left side depth
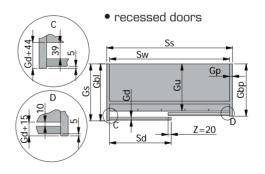Gbp - right side depth
Sd - door width
Wd- door height

BODY CALCULATIONS
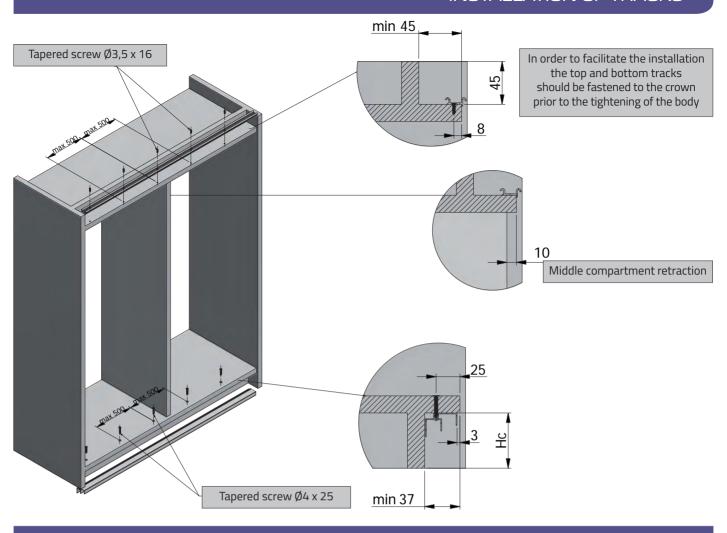
Door arrangement (top view):

• surface-mounted doors

A
4
35
39
B
10
6
4
Ss
Sw
Gp
Gs
Gbl
Gd
Gu
Gbp
Sd
$Z=20$

• recessed doors

C
Gd+44
39
5
D
Gd+15
10
5
Ss
Sw
Gp
Gs
Gbl
Gd
Gu
Gbp
Sd
$Z=20$

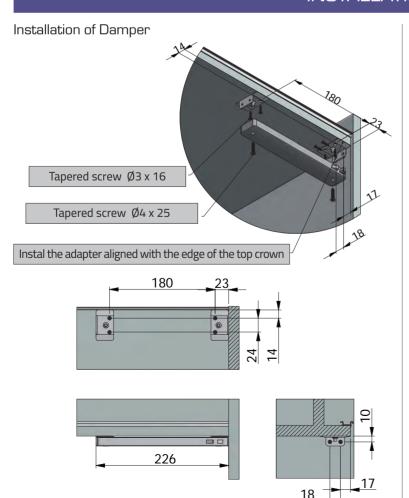| Calculation for thickness board Gp = 16 and overlap Z = 20	Calculation for thickness board Gp = 18 and overlap Z = 20	General formula
Wu = Ws - Hc - 77	Wu = Ws - Hc - 81	Wu = Ws - Hc - 2*Gp - 45
Sw = Ss - 32	Sw = Ss - 36	Sw = Ss - 2*Gp
Sw = Ss - 64	Sw = Ss - 72	Sw = Ss - 4*Gp (additional inner sides)
Gu = Gs - Gd - 39	Gu = Gs - Gd - 39	Gu = Gs - Gd - 39
Gw = Gu - 10	Gw = Gu - 10	Gw = Gu - 10
Gbl = Gu + 35	Gbl = Gu + 35	Gbl = Gu + 35
Gbp = Gu + 6	Gbp = Gu + 6	Gbp = Gu + 6
$Sd = \frac{(SS + 20)}{2}$	$Sd = \frac{(SS + 20)}{2}$	$Sd = \frac{(SS + Z)}{2}$
Wd = Ws - Hc + 25	Wd = Ws - Hc + 23	Wd = Ws - Hc - Gp + 41

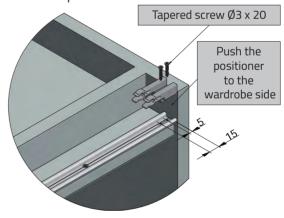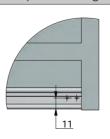| Calculation for thickness board Gp = 16 and overlap Z = 20	Calculation for thickness board Gp = 18 and overlap Z = 20	General formula
Wu = Ws - Hc - 77	Wu = Ws - Hc - 81	Wu = Ws - Hc - 2*Gp - 45
Sw = Ss - 32	Sw = Ss - 36	Sw = Ss - 2*Gp
Sw = Ss - 64	Sw = Ss - 72	Sw = Ss - 4*Gp (additional inner sides)
Gu = Gs - Gd - 44	Gu = Gs - Gd - 44	Gu = Gs - Gd - 44
Gw = Gu - 10	Gw = Gu - 10	Gw = Gu - 10
Gbl = Gu + Gd + 44	Gbl = Gu + Gd + 44	Gbl = Gu + Gd + 44
Gbp = Gu + Gd + 15	Gbp = Gu + Gd + 15	Gbp = Gu + Gd + 15
$Sd = \frac{(Ss - 12)}{2}$	$Sd = \frac{(Ss - 16)}{2}$	$Sd = \frac{(Ss - 2*Gp + Z)}{2}$
Wd = Ws - Hc + 25	Wd = Ws - Hc + 23	Wd = Ws - Hc - Gp + 41

Tapered screw Ø3,5 x 16

max 500   max 500

max 500   max 500

Tapered screw Ø4 x 25

min 45

45

8

In order to facilitate the installation the top and bottom tracks should be fastened to the crown prior to the tightening of the body

10

Middle compartment retraction

25

3

H_c

min 37

INSTALLATION OF DOOR CLOSING SYSTEM

Installation of Damper

Installation of positioner

Tapered screw Ø3 x 20

Push the positioner to the wardrobe side

14

180

23

17

18

Tapered screw Ø3 x 16

Tapered screw Ø4 x 25

Instal the adapter aligned with the edge of the top crown

5

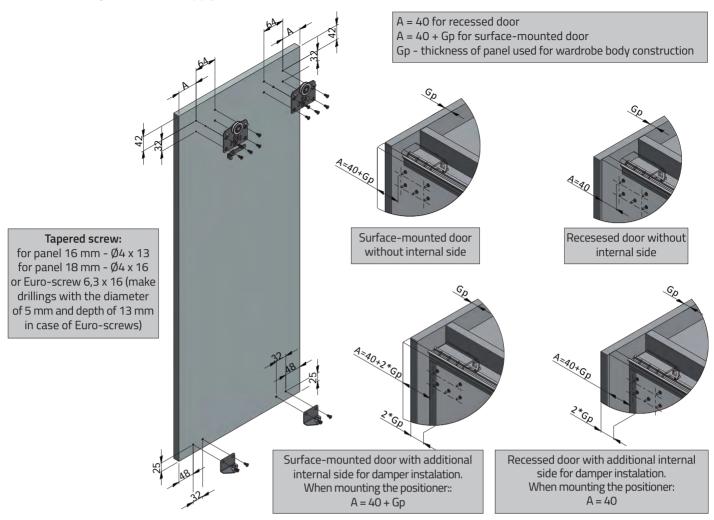15

180   23

24

14

226

10

18   17

In order to facilitate the installation the positioner should be mounted prior to the tightening of the body

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MOUNTING DIMENSIONS FOR HARDWARE

* The mounting dimentions, apply to inner and outer doors

A = 40 for recessed door
A = 40 + Gp for surface-mounted door
Gp - thickness of panel used for wardrobe body construction

Tapered screw:
for panel 16 mm - Ø4 x 13
for panel 18 mm - Ø4 x 16
or Euro-screw 6,3 x 16 (make
drillings with the diameter
of 5 mm and depth of 13 mm
in case of Euro-screws)

Surface-mounted door
without internal side

Recesesed door without
internal side

Surface-mounted door with additional
internal side for damper instalation.
When mounting the positioner::
A = 40 + Gp

Recessed door with additional internal
side for damper instalation.
When mounting the positioner:
A = 40

WIDTH AFTER DOOR OPENING (WITH DAMPER)

DESIGNATIONS / DATA FOR CALCULATIONS

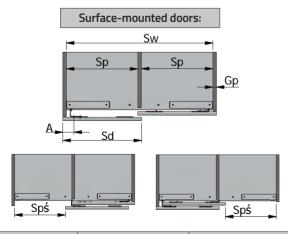Sw - internal cabinet width (usable width) - previous calculations
Gp - board thickness used to build the cabinet body (16/18mm)
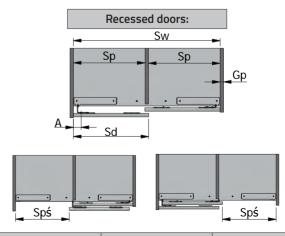A - dimension based on the roller openings on the doors - previous calculations
Sd - door width - previous calculations
Sp - width between spans (usable space)
Spś - width after door opening

Surface-mounted doors:

Recessed doors:

Calculations for board Gp = 16	Calculations for board Gp = 18	General formula
$Sp = \dfrac{(Sw - 16)}{2}$	$Sp = \dfrac{(Sw - 18)}{2}$	$Sp = \dfrac{(Sw - Gp)}{2}$
Spś = Sw - Sd - A + 34	Spś = Sw - Sd - A + 36	Spś = Sw - Sd - A + 18 + Gp

Calculations for board Gp = 16	Calculations for board Gp = 18	General formula
$Sp = \dfrac{(Sw - 16)}{2}$	$Sp = \dfrac{(Sw - 18)}{2}$	$Sp = \dfrac{(Sw - Gp)}{2}$
Spś = Sw - Sd - A + 18	Spś = Sw - Sd - A + 18	Spś = Sw - Sd - A + 18

WIDTH AFTER DOOR OPENING - WITH STOPPER

DESIGNATIONS / DATA FOR CALCULATIONS

Sw - internal cabinet width (usable width) - previous calculations
Gp - board thickness used to build the cabinet body (16/18mm)
A - dimension based on the roller openings on the doors - previous calculations
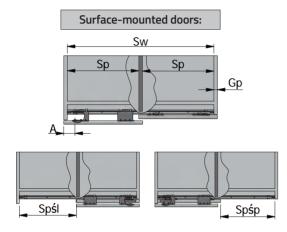Sd - door width - previous calculations
Sp - width between spans (usable space)
Spś - width after door opening
Spśl - width after openning the inner door
Spśp - width after openning the outer door

Surface-mounted doors:

Recessed doors:

Calculations for board Gp = 16	Calculations for board Gp = 18	General formula
$Sp = \dfrac{(Sw - 16)}{2}$	$Sp = \dfrac{(Sw - 18)}{2}$	$Sp = \dfrac{(Sw - Gp)}{2}$
Spśl = Sw - Sd + 16	Spśl = Sw - Sd + 18	Spśl = Sw - Sd + Gp
Spśp = Sw - Sd - 16	Spśp = Sw - Sd - 18	Spśp = Sw - Sd - Gp

Calculations for board Gp = 16	Calculations for board Gp = 18	General formula
$Sp = \dfrac{(Sw - 16)}{2}$	$Sp = \dfrac{(Sw - 18)}{2}$	$Sp = \dfrac{(Sw - Gp)}{2}$
Spś = Sw - Sd	Spś = Sw - Sd	Spś = Sw - Sd

INSTALLATION OF DOOR

Inner door

Outer door

Door blocker - preventing from falling out

Door blocker - preventing from falling out