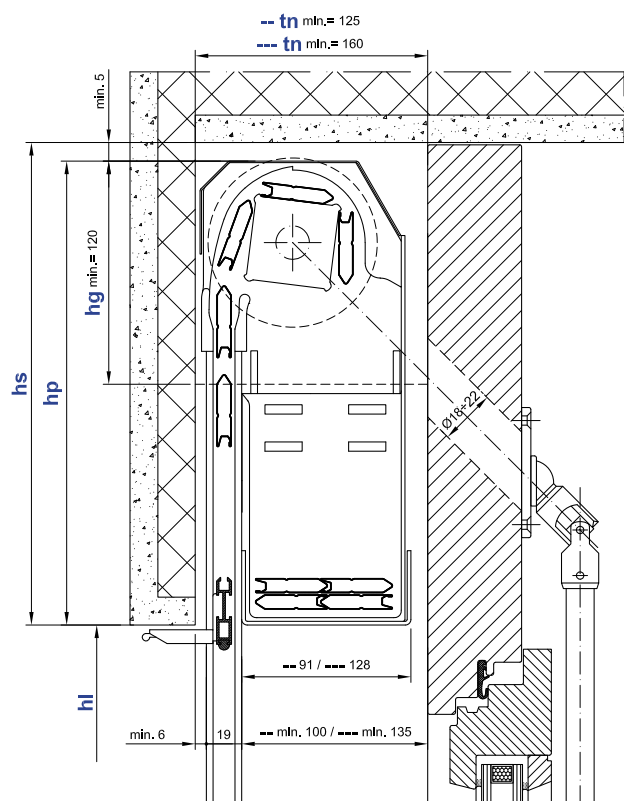
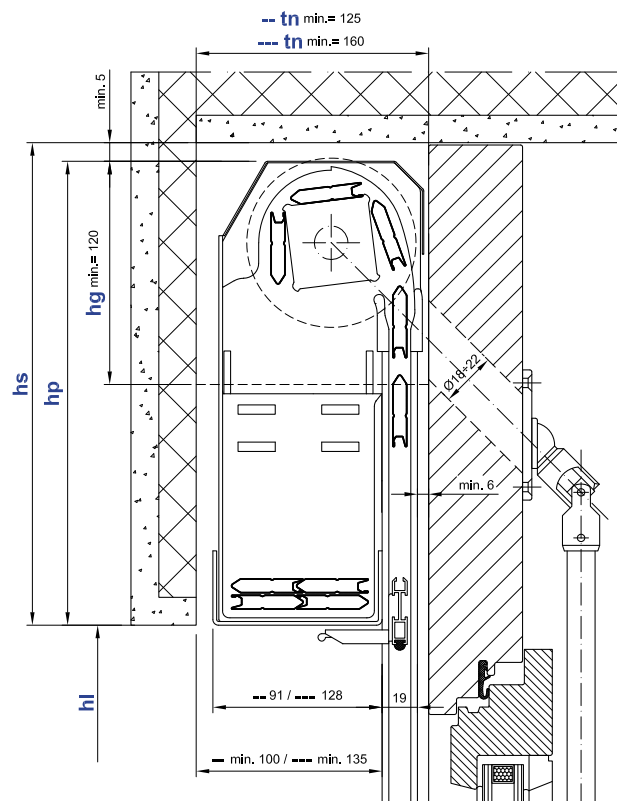
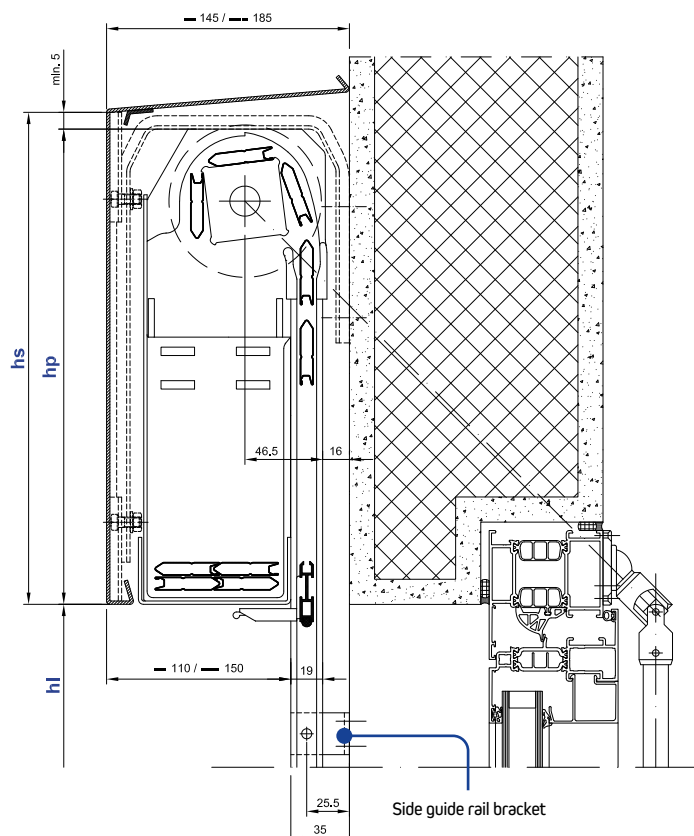




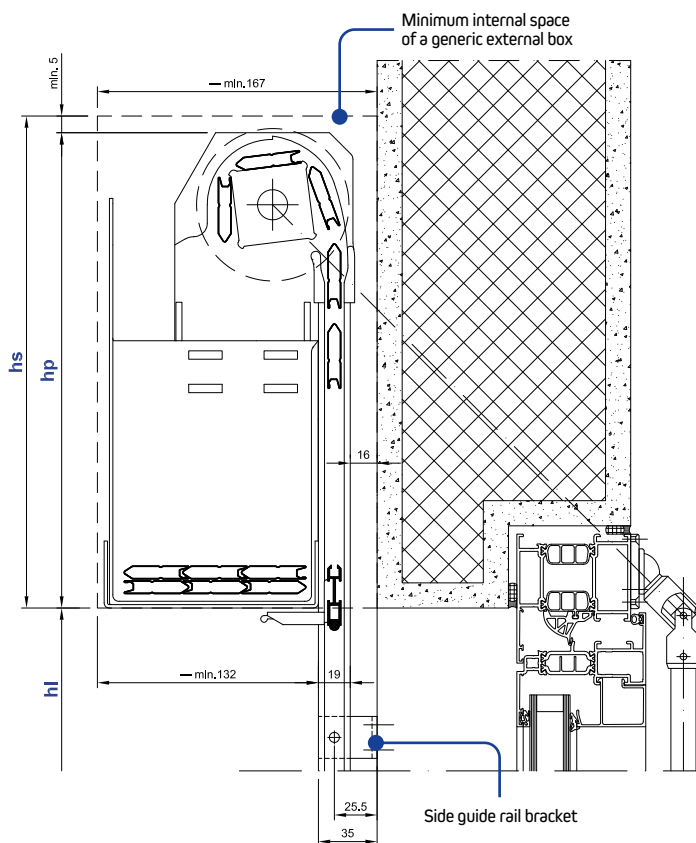
Vertical cross section: outwards shutter curtain unfolding



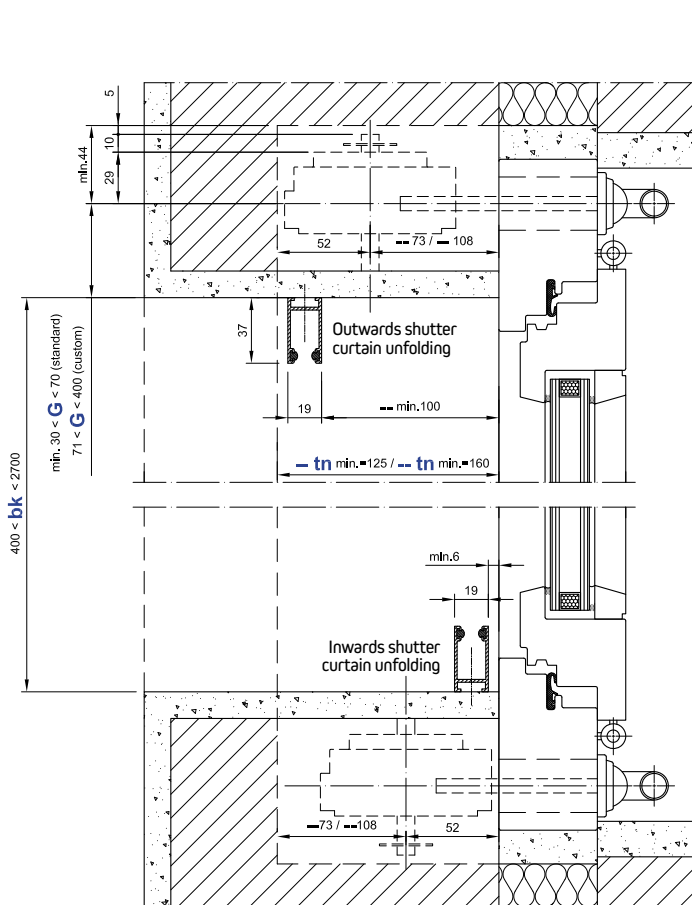
Vertical cross section: inwards shutter curtain unfolding



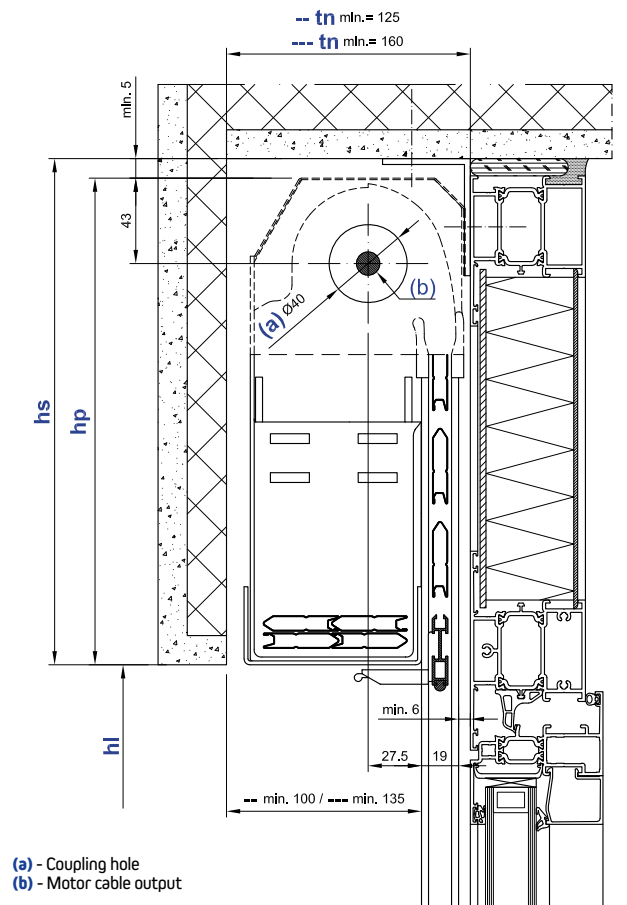
Vertical cross section: installation on the façade with standard external box - inwards shutter curtain unfolding



Vertical cross section: installation on the façade with generic external box - inwards shutter curtain unfolding

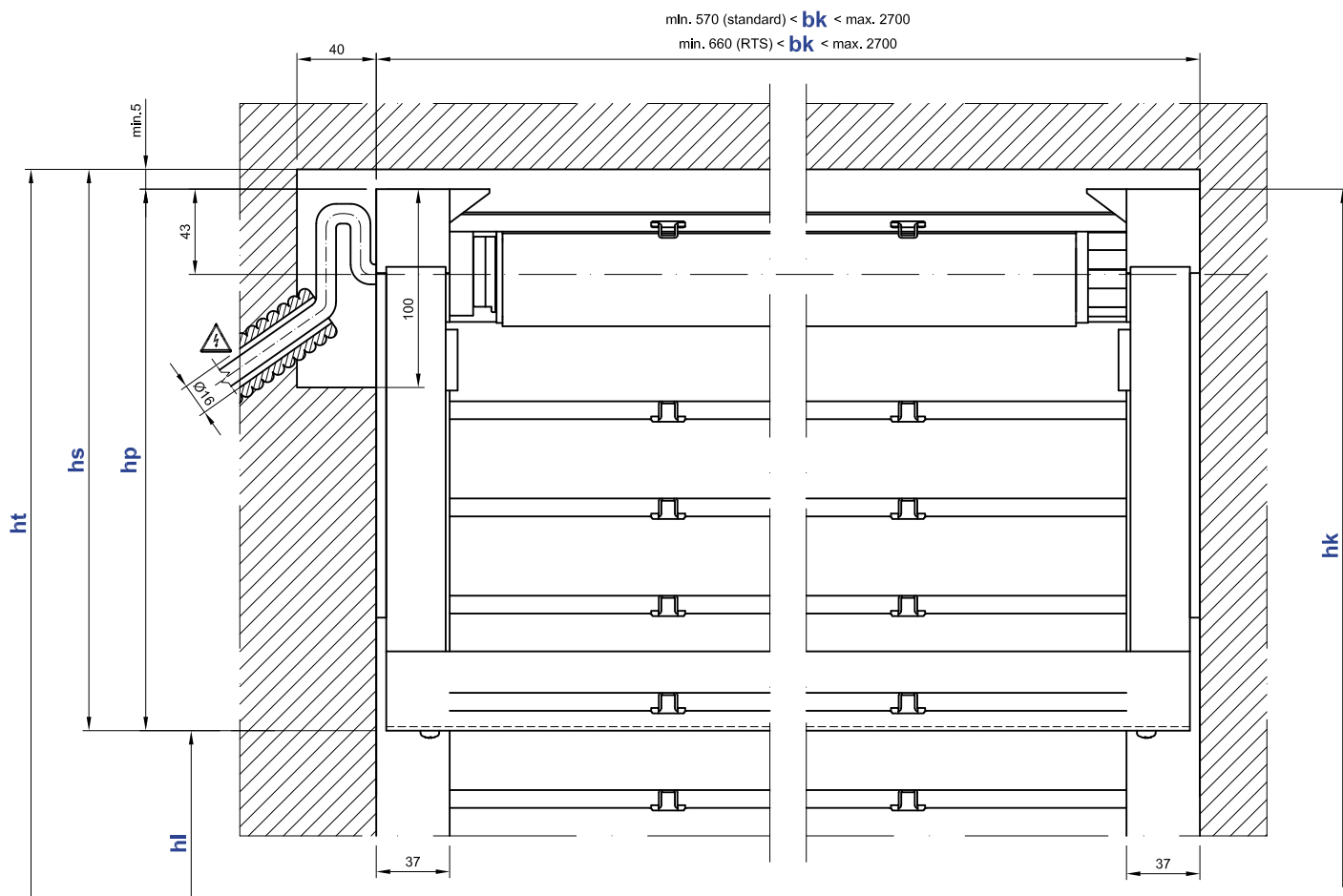


Horizontal cross section: manual drive

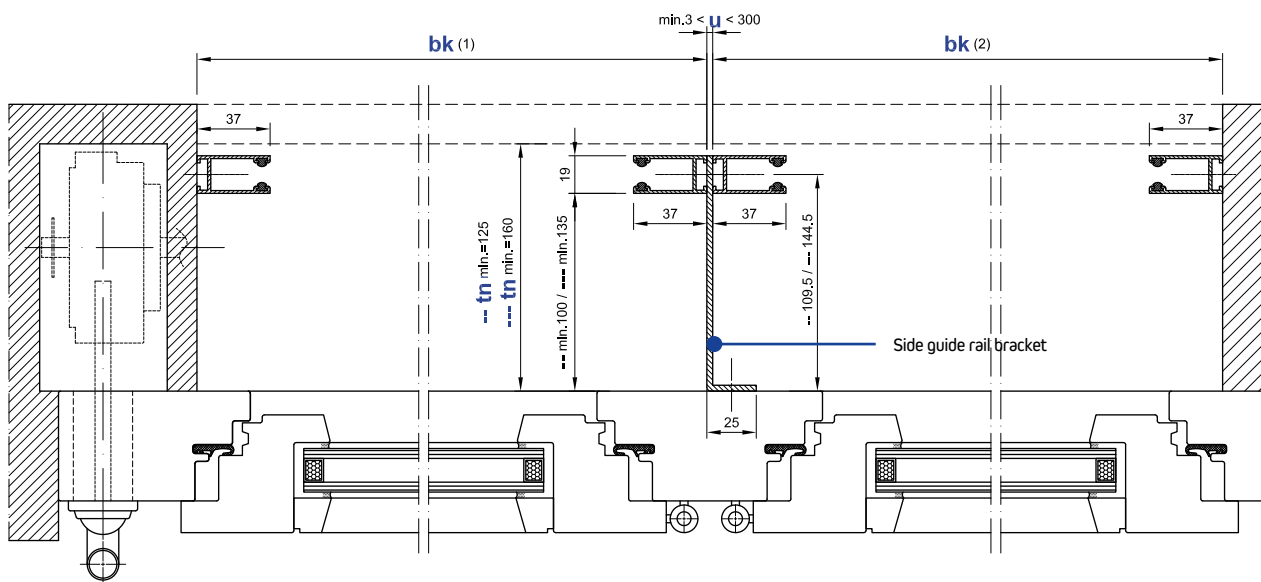


- (a) - Coupling hole
(b) - Motor cable output

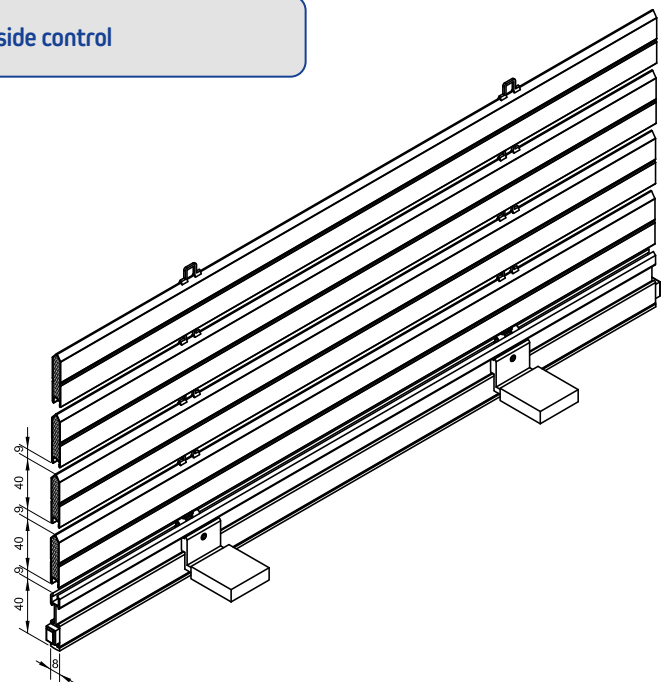
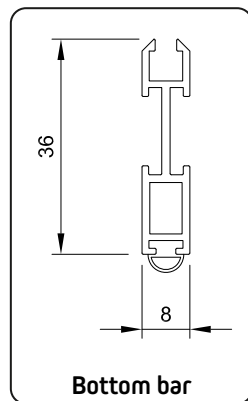
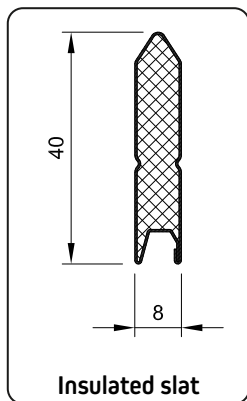
Coupling hole positioning and motor cable output
inwards shutter curtain unfolding



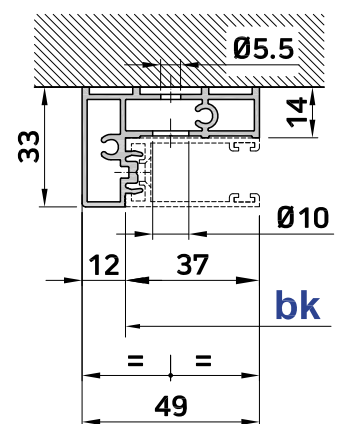
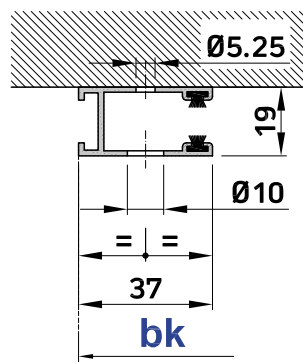
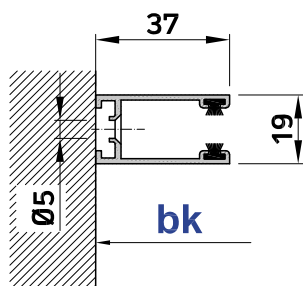
Motor drive



Plial® coupling with side control



Types of shutter curtain



Types of side guide rails and drilling

Technical data

Maximum installation height (hk)

- with motor drive 3'000 mm
- with manual drive
 - standard reduction winch (3:1): [- -] 2'960 mm
[- - -] 2'900 mm
 - narrow reduction winch (5:1): [- -] 2'200 mm
[- - -] 2'165 mm

Maximum opening height (hl) [- -] 2'560 mm
[- - -] 2'650 mm

Minimum opening height (hl) 400 mm

Width of construction (bk)

- minimum 400 mm
- minimum with motor 570 mm
- minimum with radio motor 660 mm
- maximum 2'700 mm

Maximum surface area (bk x hk)

- with motor drive
 - single shutter curtain 7 m²
 - coupled shutter curtains 10 m²
- with manual drive
 - single shutter curtain 6,5 m²
 - coupled shutter curtains 6,5 m²

Coupled shutter curtains

- number of shutter curtains that can be coupled with a single drive 2 o 3 shutter curtains
- middle control side only with manual drive -

Weight per m² approx. 3,5 kg

Legend

- bk** width of construction
- hl** opening height
- hk** installation height (hl + hp)
- ht** total height (hl + hs)
- hs** lintel height
- hp** package height
- tn** lintel depth
- g** distance from bk to centreline of crank joint
- hg** space for reduction winch
- u** coupling distance
- [- -]** two-slat version
- [- - -]** three-slat version

Minimum lintel dimensions [- -]													
tn	125 mm												
hl	880	940	1'040	1'135	1'195	1'295	1'390	1'450	1'550	1'645	1'705	1'765	>>
hp ⁽¹⁾	230	240	250	260	270	280	290	300	310	320	330	340	>>

hl	1860	1'920	2'050	2'110	2'200	2'300	2'395	2'455	2'515	2'560
hp ⁽¹⁾	350	360	370	380	390	400	410	420	430	440

Minimum lintel dimensions [- - -]													
tn	160 mm												
hl	1'270	1'330	1'460	1'555	1'685	1'780	1'875	2'075	2'100	2'300	2'500	2'525	2'650
hp ⁽¹⁾	230	240	250	260	270	280	290	300	310	320	330	340	350

⁽¹⁾ The minimum package height hp includes a tolerance of 5 mm to compensate wall errors. In case of intermediate dimensions, use the next higher hp dimension.