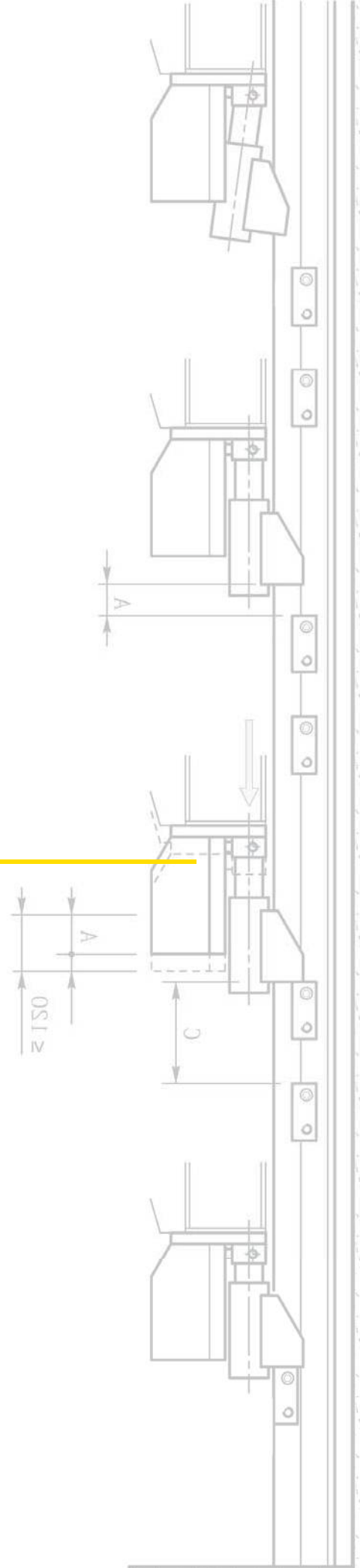


PAWL DEVICE

FOR GOODS LIFTS AND CAR LIFTS

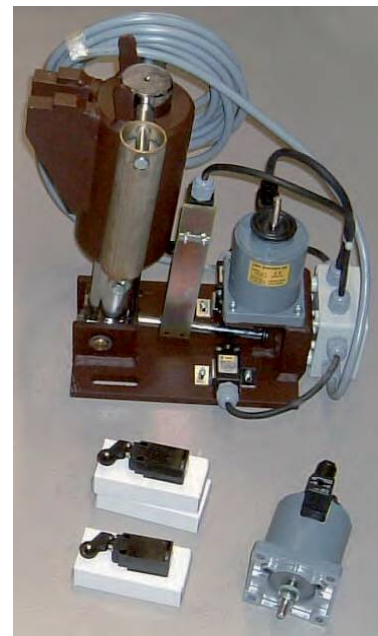


1. PAWL DEVICE Introduction	3
2. General characteristics	4
3. Technical specifications	5
3.1 Model NS 40/50	
3.2 Model NS 70/100	
4. Related products	9

OPTIONAL COMPONENT Pawl Device

What is it?

- It is a safety device with a mechanical drift system. Provides greater security during the loading and downloading operations, always keeping the cabin-floor level.
- The optional component Pawl Device anchors the car frame to the guides when the car is stopped and does not allow downward displacement during loading.
- Recommended for special installations with heavy loads: car lifts, goods lifts, etc.



What are the advantages?

- Maximum safety: Double safety system in loading / downloading
- Hydraulic damper function when it is placed in the pit.
- Adaptability to the type of installation: 2 models available depending on the load.



Maximum safety

Safety device which prevents the downward displacement of the car during loading and downloading operations.

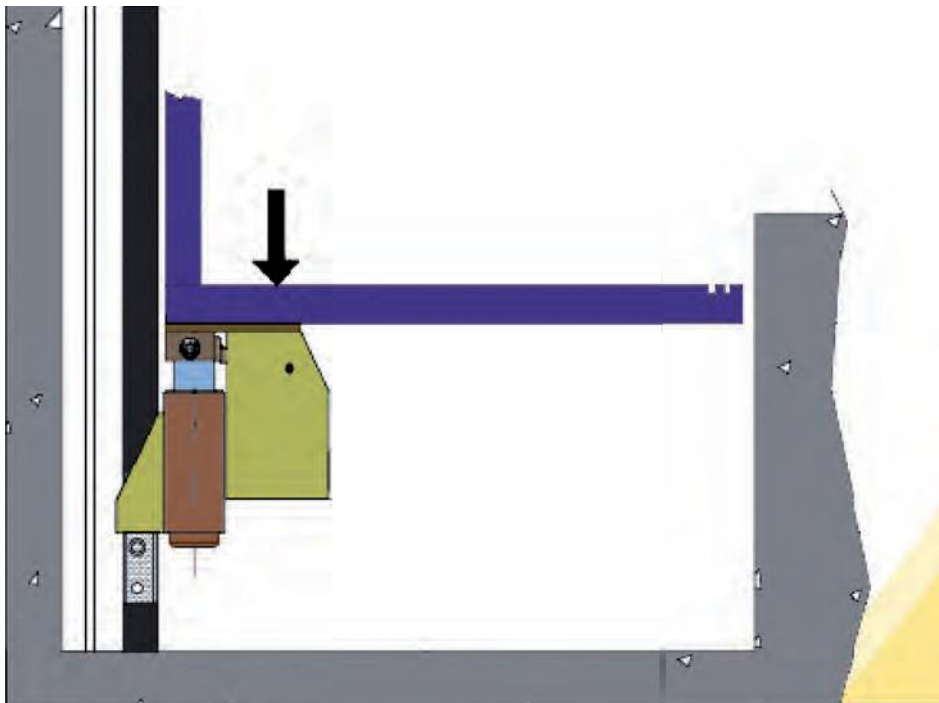
Drift mechanical system installed in the car frame and guides.

Hydraulic damper function when it is placed in the pit.

Two models available depending on the installation:

- NS 40/50 for maximum loads of 4000Kg
- NS 70/100 for maximum loads of 7000Kg

Recommended for special installations with heavy loads:
goods lifts, car lifts, etc.



Drift mechanical
safety device

Optional component
 Pawl Device NS 40/50

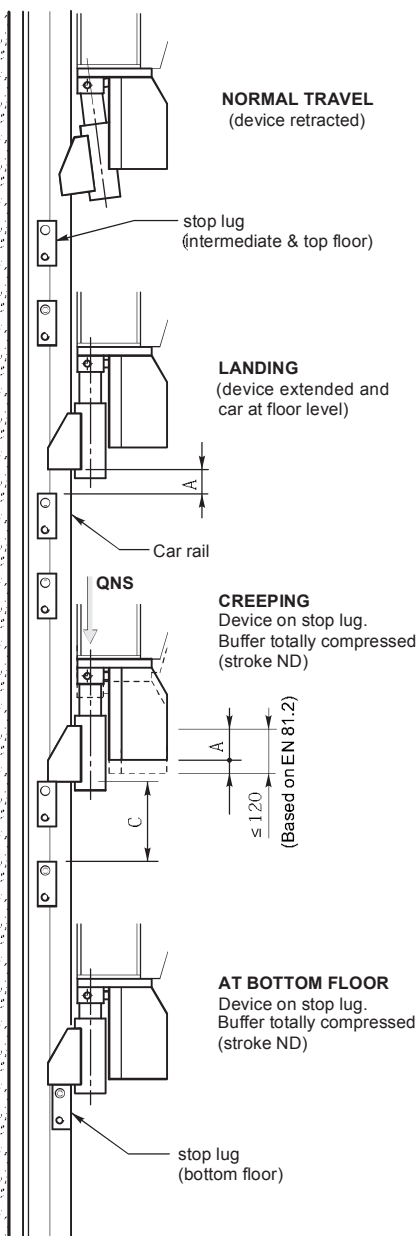

General features

Model	NS 40/50
Maximum static load	4000 daN
Maximum stroke (ND)	50 mm
Weight	16 Kg
Coil power	35 W
Rated current	0,18 A
Direct current supply	48 - 100 - 180 Vdc
Alternate current supply	230 Vac
Guides	ISO 7456
Maximum clear distance	A = 20 mm
Distance second bracket	C = 130 mm
Device compressed	ND = 50 mm

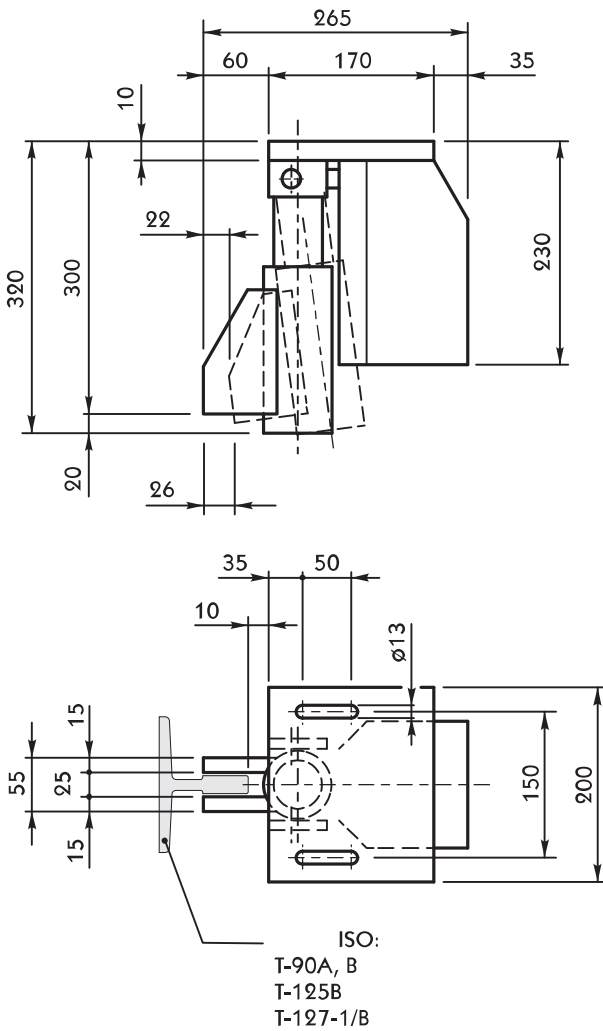
Technical features

Vd (m/s)	QNS [daN]	
	With rupture valve (Vd +15 %)	Without rupture valve (Vd +0,3 m/s)
0,10	4020	3510
0,20	3870	3250
0,30	3640	2980
0,40	3350	2720
0,50	3050	2470
0,60	2750	2230
0,70	2460	2040
0,80	2190	-
0,85	2070	-

Vd = Rated downspeed of car [m/s].
 QNS = Allowable static load [daN].

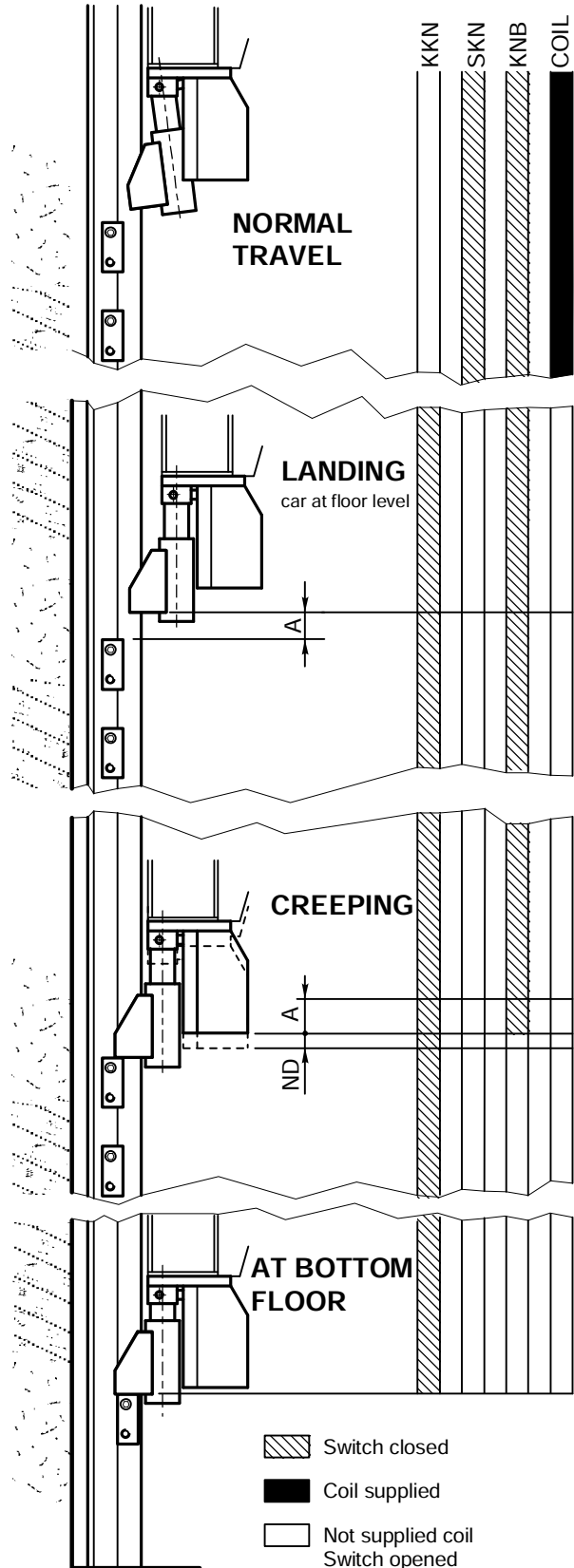
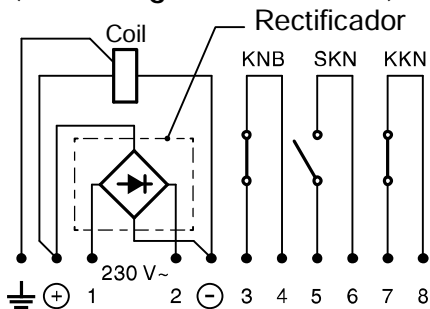


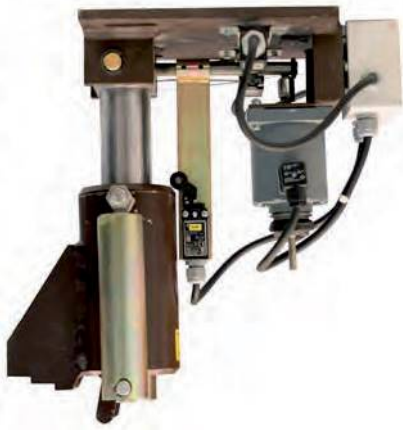
Dimensions



Electrical diagram

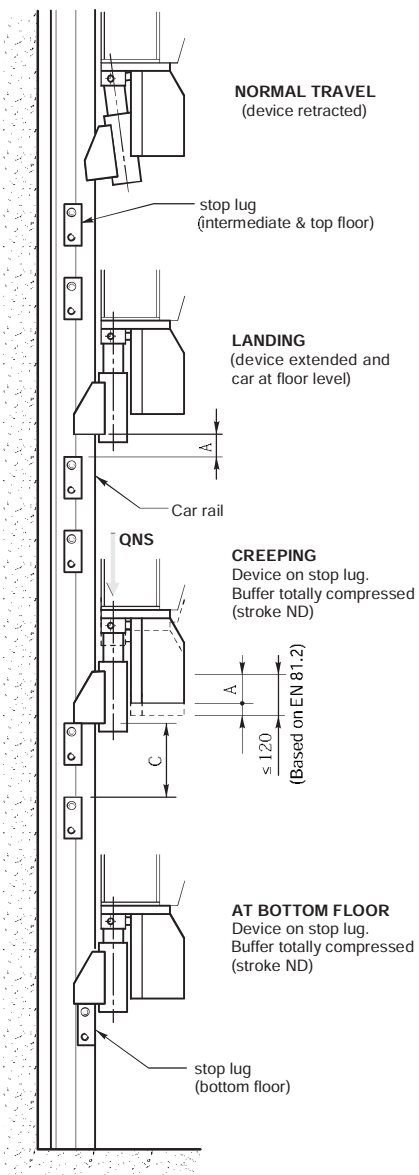
(car configuration on floor)



Optional component
 Pawl Device NS 70/100


General features

Model	NS 70/100
Maximum static load	7000 dN
Maximum stroke (ND)	100 mm
Weight	39 Kg
Coil power	50 W
Rated current	0,25 A
Direct current supply	100 - 180 Vdc
Alternate current supply	230 Vac
Guides	ISO 7456
Maximum clear distance	A = 100 mm
Distance second bracket	C = 230 mm
Device compressed	ND = 100 mm



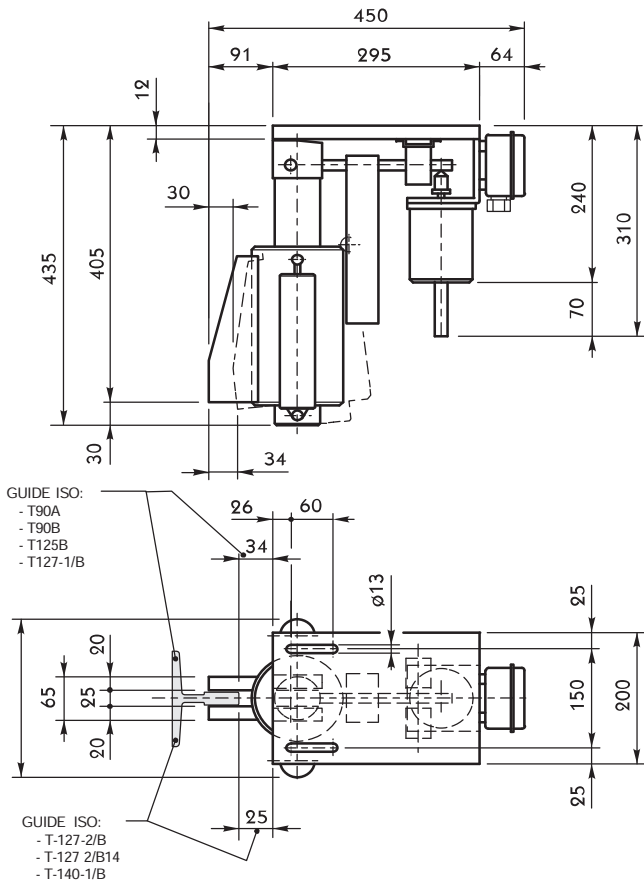
Technical features

Vd (m/s)	QNS [daN]	
	With rupture valve (Vd +15 %)	Without rupture valve (Vd +0,3 m/s)
0,10	7090	6600
0,20	6950	6330
0,30	6730	6030
0,40	6440	5710
0,50	6110	5380
0,60	5740	5050
0,70	5370	4730
0,80	4990	-
0,85	4800	-

Vd = Rated down speed of car [m/s].

QNS = Allowable static load [daN].

Dimensions



Electrical diagram

