

CAR AND LANDING DOOR FOR HIGH RISE APPLICATIONS

# PEGASUS Skyline



EXCELLENCE IN SOLUTIONS

## CAR AND LANDING DOOR FOR HIGH RISE APPLICATIONS

# PEGASUS Skyline

### DURABLE AND RELIABLE

Reliable and robust structure designed for high speed, high traffic elevator systems.

### FAST AND SILENT

Fast and silent door opening ("high performance rollers", fixed external counterweight, door lock mounted on roller bearings).

### DESIGN

A range of design solutions and options makes Pegasus Skyline an ideal choice for high speed installations: "Rush Hour" option adjusts door speed according to time of day; labyrinth on both door opening and closing side avoid air turbulence through the chinks.

### WIDE RANGE OF DOORS

Wittur Pegasus Skyline is available in a wide range of door types to fulfill any installation requirement, from single panel to 4-panel central opening.

### WIDE RANGE OF FINISHING AND OPTIONS

A variety of available finishes and options including stainless steel cladding, framed glass panels or a hidden sill make it easy to adapt Pegasus Skyline to any level of interior design.

### ENERGY EFFICIENCY

The SUPRA brushless door drive, certified according to VDI 4707-2, can move heavy weight panels with low energy consumption per cycle.





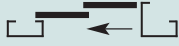









## CAR AND LANDING DOOR FOR HIGH RISE APPLICATIONS

# PEGASUS Skyline



### PRODUCT RANGE

POS.	LANDING DOORS		CAR DOORS		C.O.* (mm)		C.H.* (mm)	
	TYPE	ILLUSTRATION	TYPE	ILLUSTRATION	Min.	Max.	Min.	Max.
DOOR WITH OPERATOR ABOVE	01/C		02/C		800	1400	2000	2800
	11/R		12/R		800	1400	2000	2800
	11/L		12/L					
	41/C		42/C		1400	1800	2000	2800
	71/R		72/R		800	1400	2000	2800
	71/L		72/L					

\* Intermediate C.O. and C.H. are available in steps of 50 mm

Door Type	Sill Track Pack without Cover Plate (mm)
01 - 02	180
11 - 12	210
41 - 42	210
71 - 72	180

Door Type	Sill Track Pack with Cover Plate (mm)
01 - 02	180
11 - 12	270
41 - 42	270
71 - 72	180



## CAR AND LANDING DOOR FOR HIGH RISE APPLICATIONS

# PEGASUS Skyline

### CERTIFICATIONS

#### BASIC DIRECTIVES AND NORMS:

- EN81-1 + A3:2009
- EN81-2 + A3:2009
- EN81-71 + A1:2006
- Lift Directive 95/16/EC
- Russian LIFT DIRECTIVE RL 782

#### FIRE AND ANTIVANDAL CERTIFICATIONS:

- EN81-58:2003
- BS 476

	CERTIFICATION	PSK		PSK FRAMED GLASS	
		CO (mm)	CH (mm)	CO (mm)	CH (mm)
EUROPE	EN81-58 EW 30'	800-1400	2000-2800	800-1400	2000-2500
	T01	800-1400	2000-2800	800-1400	2000-2500
	T11	800-1400	2000-2800	800-1400	2000-2500
	T41	1400-2000	2000-2800	1400-2000	2000-2500
	T71	800-1400	2000-2800		
	EN81-58 E 60'	800-1400	2000-2800		
	T01	800-1400	2000-2800		
	T11	800-1400	2000-2800		
	T41	1400-2000	2000-2800		
	T71	800-1400	2000-2800		
	EN81-58 E 90'	800-1400	2000-2800	800-1400	2000-2500
	T01	800-1400	2000-2800	800-1400	2000-2500
	T11	800-1400	2000-2800	800-1400	2000-2500
	T41	1400-2000	2000-2800	1400-2000	2000-2500
	T71	800-1400	2000-2800		
	EN81-58 E 120'	800-1400	2000-2800		
	T01	800-1400	2000-2800		
	T11	800-1400	2000-2500		
	T41	1400-2000	2000-2500		
	T71	800-1400	2000-2500		
	EN81-58 EI 60'	800-1400	2000-2800		
	T01	800-1400	2000-2800		
	T11	800-1400	2000-2800		
	T41	1400-2000	2000-2800		
	T71	800-1400	2000-2800		
	EN81-58 EI 120'	800-1400	2000-2800		
	T01	800-1400	2000-2500		
	T11	800-1400	2000-2500		
	T41	1400-2000	2000-2500		
	T71	800-1400	2000-2500		
UK	BS 476-22 RE 120'	800-1400	2000-2300		
	T01	800-1400	2000-2300		
	T11	800-1400	2000-2300		
	T41	1400-2000	2000-2800		
	T71				
	BS 476-22 RE 60'			800-1100	2000-2100
	T01			800-1100	2000-2100
	T11			800-1100	2000-2100
	T41			1400-2000	2000-2100
	T71				
	DIN 18091	800-1400	2000-2500		
	T01	800-1400	2000-2500		
	T11	800-1400	2000-2500		
	T41	1400-2000	2000-2500		
	T71				
CAT. 1*	EN81-71	800-1400	2000-2600	800-1400	2000-2600
	T01	800-1400	2000-2600	800-1400	2000-2600
	T11	800-1400	2000-2600		
	T41				
CAT. 2*	EN81-71	800-1400	2000-2600		
	T01	800-1400	2000-2600		
	T11	800-1400	2000-2600		
	T41	800-1100	2000-2600		

\* for other dimensions and configurations please refer to Wittur.

NOTICE: for other countries please refer to your local Wittur contact.

PEGASUS HIGH RISE

# PEGASUS Skyline



## LANDING DOOR FEATURES

LANDING DOOR	MEDIUM 4m/s ≤ speed < 6m/s	
	Standard execution	Option
Door closing	Fixed external counterweight	Spring devices
DOM	-	○
Door Panels	With Labyrinths and Runby	- Double skin with noise insulation on not fire rated execution - fire rated executions
Apron	Galvanised	-
Lock roller	High performance	-
Shoes	High speed application design, not available for antivandal execution	-
Switch cover	IP20	IP54/IP67
Air and water seal	-	○
Antivandal execution	-	Category 1 & Category 2 [see certification table]
Hidden sill	-	Only for 01/C and 71/R-L not available for antivandal and fire rated execution
Prewiring	●	-
Mechanism cover plate	-	○

LANDING DOOR	HIGH speed ≥ 6m/s	
	Standard execution	Option
Door closing	Fixed external counterweight	Spring devices
DOM	-	○
Door Panels	- Double skin and Mineral wool on not fire rated execution (noise insulation) With Labyrinths and Runby	- fire rated executions
Apron	Galvanised	-
Lock roller	High performance	-
Shoes	High speed application design, not available for antivandal execution	-
Switch cover	IP20	IP54/IP67
Air and water seal	●	-
Antivandal execution	-	Category 1 & Category 2 [see certification table]
Hidden sill	-	Only for 01/C and 71/R-L not available for antivandal and fire rated execution
Prewiring	●	-
Mechanism cover plate	-	○

● always available as standard execution

○ available as option

## PEGASUS HIGH RISE

# PEGASUS Skyline

### CAR DOOR FEATURES

CAR DOOR	MEDIUM 4m/s ≤ speed < 6m/s	
	Standard execution	Option
Drive	SUPRA	-
Rollers	Reinforced; High performance	-
Coupler	HR configuration	-
Door Panels	With Runby	Double skin with noise insulation
Car door lock	●	-
Evacuation rope	●	-
Passengers protective devices	WSE PLUS* prearrangement	-
Fixing	frontal with control box apart	on car roof
Air and water seal	-	○
Rush hour setting	-	○
Antivandal execution	-	Category 1 & Category 2 [see certification table]
Antipanic functionality	-	○
Hidden sill	-	Only for 02/C and 72/R-L (not available for antivandal execution)
Shoes	High speed application design, not available for antivandal execution	-
Retractable safety edge	-	○
Traction belt	Reinforced	-
Operator cover	-	○

CAR DOOR	HIGH speed ≥ 6m/s	
	Standard execution	Option
Drive	SUPRA	-
Rollers	Reinforced; High performance	-
Coupler	HR configuration	-
Door Panels	Double skin with noise insulation	-
Car door lock	●	-
Evacuation rope	●	-
Passengers protective devices	WSE PLUS* prearrangement	-
Fixing	frontal with control box apart	on car roof
Air and water seal	●	-
Rush hour setting	-	○
Antivandal execution	-	Category 1 & Category 2 [see certification table]
Antipanic functionality	-	○
Hidden sill	-	Only for 02/C and 72/R-L (not available for antivandal execution)
Shoes	High speed application design, not available for antivandal execution	-
Retractable safety edge	-	○
Traction belt	Reinforced	-
Operator cover	-	○

\* WSE = Wittur electronic Safety Edge

● always available as standard execution

○ available as option

## CAR AND LANDING DOOR FOR HIGH RISE APPLICATIONS

# PEGASUS Skyline



### DRIVE AND FINISHES

DRIVE	SUPRA
Controller	VVVF Converter
Operating temperature range (shaft room temp.)	-20°C/+50°C
Operating temperature range (storage temp.)	-45°C/+70°C
Advanced opening	●
Self learning	●
Adjustment by PC	●
Supervision function	●
Data stored permanently	●
Nudging	●
Protective device	24V DC+10%/150mA
Emergency battery drive	18-26 VDC/max 15A
Average consumption	170W
Max consumption	900W
Power supply	(127V ; 6A) +/-20% (230V ; 4A) +/-20% 50/60Hz
Electromagnetic compatibility	immunity and emission protection acc. EN 12015/16
CAN OPEN™	●

FINISHES	Standard execution	Option
Prime finish RAL 7032 painted	●	-
RAL painted	-	G14 table
Stainless Steel AISI 304 Brushed	-	○
Stainless Steel AISI 304 Scotch Brite	-	○
Stainless Steel AISI 304 Linen	-	○
Stainless Steel AISI 304 Leather	-	○
Other Cladding on demand	-	○

● always available as standard execution

○ available as option



WITTUR

## YOUR GLOBAL PARTNER FOR COMPONENTS, MODULES AND SYSTEMS IN THE ELEVATOR INDUSTRY

Albania  
Algeria  
Argentina  
Australia  
Austria  
Belarus  
Belgium  
Brazil  
Bulgaria  
China  
Colombia  
Croatia  
Cuba  
Czech Republic  
Denmark  
Egypt  
Estonia  
Finland  
France  
Georgia  
Germany  
Hong Kong  
Hungary  
Iceland  
India  
Indonesia  
Italy  
Japan



Kazakhstan  
Latvia  
Liechtenstein  
Lithuania  
Malaysia  
Mexico  
Moldova  
Mongolia  
Morocco  
Netherlands  
Norway  
Poland  
Portugal  
Romania  
Russia  
Serbia  
Singapore  
Slovakia  
Slovenia  
South Africa  
South Korea  
Spain  
Sweden  
Switzerland  
Taiwan  
Turkey  
Ukraine  
USA  
Vietnam

## EXCELLENCE IN SOLUTIONS

[www.wittur.com](http://www.wittur.com)

More information  
about Wittur Group  
available on-line.

