

Otis 506 NCE

Product Specifications and Features

Description

Specification

Applications	Shopping centres, offices, exhibition centres, airports, department stores, hospitals, hotels
Max. Rise	30': 6500mm, 35': 6000 mm
Inclination	30', 35'
Flat steps per landing	2 steps 3 steps for 30' and for rises \geq 6000mm-6500mm
Speed	0,5m/s
Code	EN 115
Shipment	ANSI, JIS, HK, SAA, all other ww codes 1 pc or as option 2/3 pc
Load Pattern	
Max. theor. capacity peak period at 0,5 m/s (acc. to EN 115)	
1000mm step	9000 person/hr
800mm step	6750 person/hr
600mm step	4500 person/hr
Escalator Width	
Width between center line - handrails/ escalator overall width	
Type 1000	1208/1550mm
Type 800	1005/1347mm
Type 600	802/1144mm
Max.Distance between End Supports (D)	
30': $D = (1,732 \times \text{rise} + 4652\text{mm}) \cdot \frac{1}{\sin \alpha}$	
35': $D = (1,428 \times \text{rise} + 4747\text{mm}) \cdot \frac{1}{\sin \alpha}$	
Drive Machine	
Machine Type	Worm gear or hypoid helical gear
Integral Brake	Standard
Controller	
Microprocessor controller with remote serial link	Standard
Protection class	IP 54
Operation Control	
Control Device (stop button, key switch in both landings, warning light in upper landing)	Standard
Operation panel (incorporated stop button, key switch in both landings, escalator management package in upper landing)	Option
Balustrade -Glass	
Height at landings	
930mm	Standard
1000mm	Option

Otis 506 NCE

Product Specifications and Features

Description	Standard	Option
BALUSTRADE		
Handrail colours		
Black	•	
Beige - blue/green- red - blue - charcoal - brown - orange - grey		•
Handrail entry box		
Sheet steel powder-coated, colour black or silver grey	•	
Aluminium anodized FO 10 - silver finish		•
Aluminium anodized STAL 25 - steel finish		•
Aluminium GUARDIAN™ coated black		•
Stainless steel G 2 - satin finish		•
Stainless steel G 10 - hairline finish		•
Vertical glass interior panels		
Clear	•	
Bronze		•
Smoked		•
Green		•
Decking profiles		
Aluminium powder-coated, colour silver grey	•	
Aluminium anodized FO 10 - silver finish		•
Aluminium anodized FO 7 - gold finish		•
Aluminium anodized STAL 25 - steel finish		•
Stainless steel G 2 - satin finish		•
Stainless steel G 10 - hairline finish		•
Skirt panels		
Stainless steel G2 - satin finish	•	
Aluminium profiles GUARDIAN™ coated black		•
COMBS		
Grooved natural aluminium	•	
Comb plate		
Grooved natural aluminium	•	
Aluminium, black powder-coated grooves, finished tread surface		•
Floor plate infill		
Natural aluminium, non-finished tread surface	•	
Aluminium, black powder-coated grooves, finished tread surface		•
BARRIER PANELS VS CLIMBING		
WEDGE GUARDS (CRISS-CROSS)		
WEDGE GUARDS (CEILING)		
LIGHTING ATTRACTIONS		
Traffic flow lights (LED-type, dynamic symbols)		•
Under step light both landings, colour green		•
Comb light both landings		•
Skirt panel light (2 options:continuous or intermittent)		•
STEP		
Die cast aluminium steps		
Natural aluminium	•	
Powder-coated colour silver grey, tread area not finished		•
Powder-coated colour silver grey, tread area finished		•
Powder-coated colour black, tread area finished		•
Painted yellow demarcation lines, 2 or 3 sides		•
Yellow plastic inserts (not in accordance with EN 115) 2 or 3 sides		•
STEP CHAIN		
Breaking strength per strand - 111 kN	•	
Axle wheels		
Polyurethane tired	•	
Ball bearings	•	
76 mm diameter, 20 mm width	•	
Wheels between axle		
Polyurethane tired	•	
Ball bearings	•	
76 mm diameter, 20mm width	•	
TRACK SYSTEM		
Tracks-rolled profiles, zinc plated	•	
STANDARD SAFETY DEVICES ARE IN LINE WITH ALL GLOBAL CODES		

OTIS

Otis reserves the right to change any part of this specification without prior notice.