

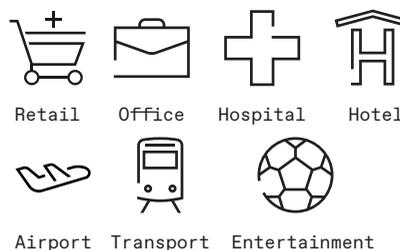


# VELINO

## Commercial-duty escalator

Our velino commercial-duty escalator is designed to preserve the architectural integrity of almost any building. But it offers more than just good looks. This machine runs efficiently, keeping daily commuters safe while using minimal energy.

Balustrades of  $\frac{3}{8}$ " (10 mm) thick tempered safety glass panels and optional under-handrail lighting provide striking aesthetics. Dual CPU controllers and optional Variable Voltage Variable Frequency (VVVF) drive technology save energy and lower operational costs.



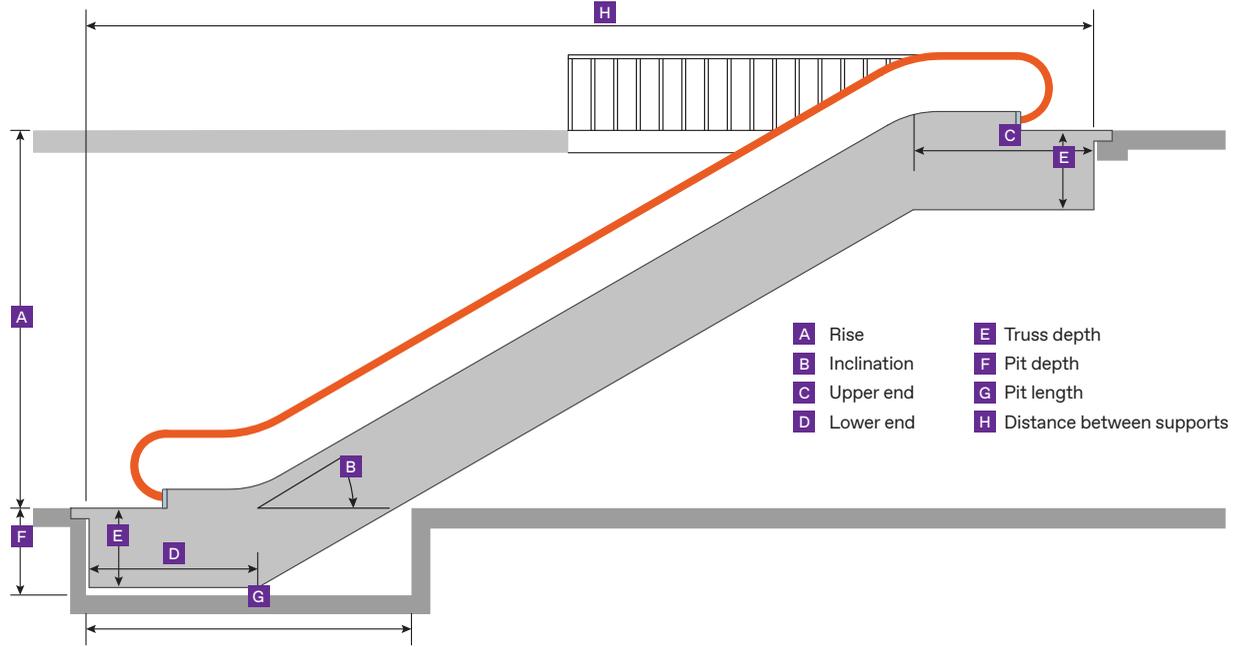
### Overview

<b>Application</b>	Commercial duty	<b>Step load</b>	Rated for 195 lbs/step	<b>Handrail shape</b>	U-shape
<b>Climate conditions</b>	Indoor   Outdoor sheltered	<b>Drive unit</b>	Chain drive	<b>Aesthetic lights</b>	Balustrade   Skirt   Truss   Ambient cladding   Soffit cladding
<b>Usage factor</b>	18-20 hours/day	<b>Step chain roller</b>	Inside	<b>Safety lights</b>	Step gap   Comb plate
<b>Average life span</b>	20 years	<b>Location handrail drive</b>	Truss	<b>Traffic lights</b>	Floor plate   Decking   Column
<b>Max capacity (people/hour)</b>	6000	<b>Balustrade</b>	Slim   Robust		

**CONTACT US:** 788 CIRCLE 75 PARKWAY SE, SUITE 500 ATLANTA, GA 30339 | P: +1 844 427 5461

# Dimensions and data\*

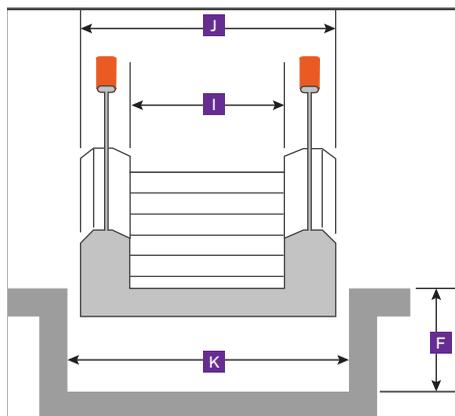
## Side elevation



### velino dimensions

Flat steps	Rise (m) A	Inclination B	Transition radius (mm) Top   Bottom	Upper end (mm) C	Lower end (mm) D	Truss depth (mm) E	Pit depth (mm) F	Pit length (mm) G
2	Up to 49'-2½" (15)	27.3°   30°	3'-5⅝"   3'-5⅝" (1050   1050)	8'-2⅛" (2490)	7'-3" (2210)	3'-5⅝" (1050)	3'-9¼" (1150)	14'-1⅝" (4300)
3	Up to 49'-2½" (15)	27.3°   30°	4'-11⅛"   3'-5⅝" (1500   1050)	9'-8⅞" (2950)	8'-6¾" (2610)	3'-5⅝" (1050)	3'-9¼" (1150)	15'-5⅝" (4700)

## Cross-section



### velino dimensions

Nominal step width (mm) I	Truss width (mm) J	Pit width (mm) K	Persons per hour 100 fpm (0.5 m/s)
24" (600)	3'-8½" (1130)	3'-10⅞" (1190)	3600
32" (800)	4'-4⅜" (1330)	4'-6¾" (1390)	4800
40" (1000)	5'-0¼" (1530)	5'-2⅝" (1590)	6000

Dimensional data shown here comply with the current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from national codes.

\*Some options/features may affect wellway dimensions. Consult your local TK Elevator representative for details.

Depending on the application and location of the escalator equipment, TK Elevator recommends that customers consult with their architect, engineer or other consultant with respect to the need for any additional safety features including, without limitation, fall protection.