



The Yale Window Hinge.

A versatile hinge to suit a variety of applications.



Yale Door and Window Solutions
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THE YALE BRAND, with its unparalleled global reach and range of products, reassures more people in more countries than any other consumer locking solution.

THE ASSA ABLOY GROUP is the world's leading manufacturer and supplier of locking solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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Due to a continuous programme of development the company reserves the right to make alterations without notice.
 (Products which are not a stocked item will be subject to a longer lead time which needs to be agreed with your Yale representative).

Versatile by design

- Made from ferritic stainless steel
- Standard and highline stack heights
- Compatible with PVCu, timber and aluminium windows
- Hinge sizes available:
 - Top hung: 8" 10" 12" 16" 20" 24"
 - Side hung: 8" 12" 16"
 - Egress: 12" 16"
- Slider with friction

Built to last

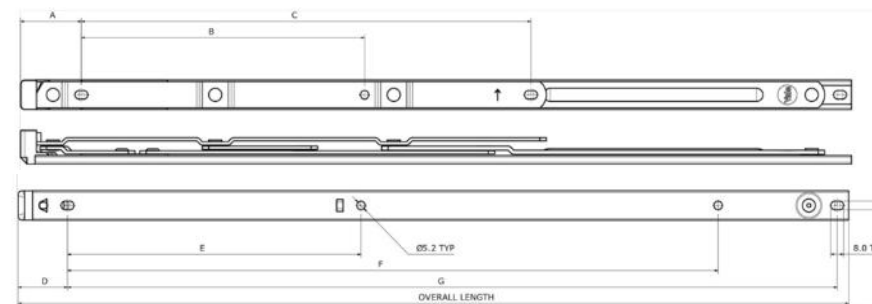
- Endurance tested to 20,000 cycles
- Corrosion tested to 96 hours NSS
- 10 year mechanical guarantee

Industry approved

- BBA-certified, ensuring high standards of quality and performance
- Tested to BS 6375 parts 1 and 2 for window performance:
 - BS 6375-1:2015 classification for weathertightness and guidance on selection and specification
 - BS 6375-2:2009 classification for operation and strength characteristics and guidance on selection and specification (operational cycling in BS 6375-2 tested to BS EN 1191 - resistance to repeated opening and closing)
- Tested to BS EN 1670 - Grade 3 corrosion resistance (96 hours)
- Secured By Design compliant when fitted with Yale ancillary security devices

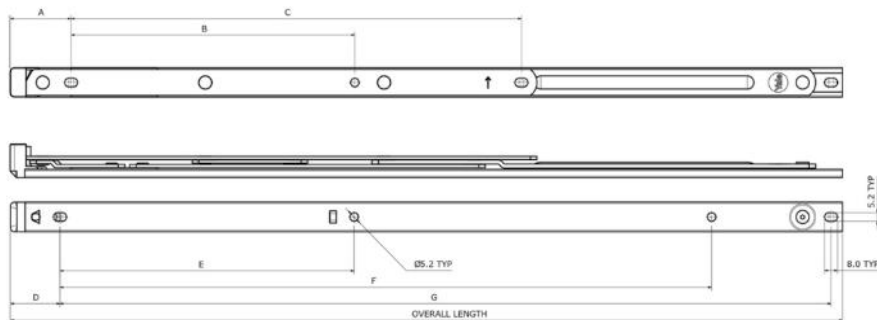
Yale Fixing Hole Summary Highline

Hinge Code 16-18mm	A	Vent Arm Fixings B	C	D	E	Track Fixings F	G	Overall Length
YU8-H	37.5	16.0	119.5	30.5	138.0	-	172.4	209.9
YT10-H	37.5	52.0	150.0	30.5	151.5	-	223.5	261.0
YU12-H	37.5	77.0	175.0	30.5	197.0	-	276.5	313.5
YT16-H	37.5	127.5	225.2	30.5	197.8	-	379.5	416.5
YT20-H	37.5	174.5	277.0	30.5	181.0	401.0	474.5	512.0
YT24-H	37.5	226.0	332.0	30.5	189.5	439.5	579.5	617.0
YS16-H	37.5	100.0	226.5	30.5	202.0	-	374.5	412.0
YEO12-H6/H7	39.5	44.0	159.5	30.5	111.8	-	269.0	306.5
YEO16-H6/H7	39.5	103.4	223.0	30.5	111.8	-	371.6	409.1
YEC12-H6/H7	39.5	44.0	159.5	30.5	269.0	-	280.0	317.5
YEC16-H6/H7	39.5	103.4	223.0	30.5	371.6	-	382.6	420.1



Yale Fixing Hole Summary Standard

Hinge Code 13-14mm	A	Vent Arm Fixings B	C	D	E	Track Fixings F	G	Overall Length
YU8	37.5	16.0	119.5	30.5	138.0	-	172.4	209.9
YT10	37.5	52.0	150.0	30.5	151.5	-	223.5	261.0
YU12	37.5	77.0	175.0	30.5	197.0	-	276.5	313.5
YT16	37.5	131.7	225.2	30.5	197.8	-	379.5	416.5
YT20	37.5	174.5	277.0	30.5	181.0	401.0	474.5	512.0
YT24	37.5	226.0	332.0	30.5	189.5	439.5	579.5	617.0
YS16	37.5	100.0	226.5	30.5	202.0	-	374.5	412.0
YEO12	39.5	44.0	159.5	30.5	111.8	-	269.0	306.5
YEO16	39.5	103.4	223.0	30.5	111.8	-	371.6	409.1
YEC12	39.5	44.0	159.5	30.5	269.0	-	280.0	317.5
YEC16	39.5	103.4	223.0	30.5	371.6	-	382.6	420.1



Yale Size and Weight Parameters

Hinge Code (Top Hung)			Max. Vent Weight (Kg)	Min. Vent Height (mm)	Max. Vent Height (mm)	Operating Angle (+/- 2.5°)
13-14mm	16-17mm	17-18mm				
YU8	YU8-H		12	200	350	60
YT10	YT10-H		16	275	400	58
YU12	YU12-H		20	350	550	65
YT16	YT16-H		21	500	780	52
YT20	YT20-H		24	700	1000	42
YT24	YT24-H		35	850	1200	38

Hinge Code (Side Hung)			Max. Vent Weight (Kg)	Min. Vent Width (mm)	Max. Vent Width (mm)	Operating Angle (+/- 2.5°)
13-14mm	16-17mm	17-18mm				
YU8	YU8-H		18	200	400	60
YU12	YU12-H		22	300	600	65
YS16	YS16-H		24	400	700	60
YEO12	YEO12-H6	YEO12-H7	22	300	600	81
YEO16	YEO16-H6	YEO16-H7	24	400	700	84
YEC12	YEC12-H6	YEC12-H7	22	300	600	81
YEC16	YEC16-H6	YEC16-H7	24	400	700	84