

# Nexus High Capacity Aluminium Hinges



Developed in response to changing market requirements for larger window sashes in projected top hung (PTH) windows, the Nexus range can support window weights of up to 60kg and 2m in height, while still maintaining endurance performance and handle forces, making it the highest capacity aluminium residential window stay on the market.

**Features:**

- Supports window weights up to 60kg
- For installation in windows up to 2m high
- Patent pending for new innovative integrated friction joint
- Geometry optimized for window range
- Manufactured with the unique 'pull-in' feature
- Identification mark for High Friction versions
- For projected top hung windows
- A complete range for residential applications
- Direct replacement for the current A-Stay range
- Complies with requirements in NZ:4211
- Provides compression for weather seal
- Made from extruded aluminium with no sliding channels
- Tested to 36,000 cycles
- Black powdercoat finish

**Options**

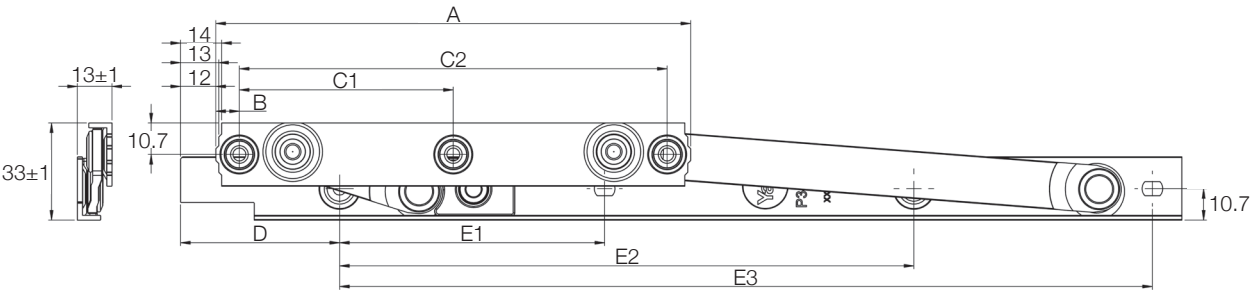
- Available in four sizes to cater for sash weights up to 60kg
- Includes specific friction models: 'A' Standard Friction, 'H' High Friction, 'N' Non Friction

Model	Application	Max. Sash Height	Opening Angle	Max Sash Weight	Product Number
240A	PTH	600mm	34°	10kg	P240A
240H	PTH	600mm	34°	18kg	P240H
240N	PTH	600mm	34°	18kg	P240N
340A	PTH	1000mm	28°	18kg	P340A
340H	PTH	1000mm	28°	30kg	P340H
450H	PTH	1500mm	20°	45kg*	P450H
710H	PTH	2000mm	17°	60kg*	P710H

\* See selection chart for restrictor use with certain window widths.

	A	B	C1	C2	C3	C4	D	E1	E2	E3	E4	F
240 Stay	113	8	49	97	-	-	54	90	176	-	-	240
340 Stay	161	8	73	145	-	-	54	90	195	276	-	370
450 Stay	231	8	49	167	215	-	54	90	276	386	-	450
710 Stay	367	8	49	174	299	347	54	90	276	520	646	710

**Note:** Letters apply to dimension diagram below.



RES-FLY-092 - YALE - 0721AU