

MODEL SELECTOR

To ensure the desired concealed look and door movement, CEAM hinges are available in multiple versions depending upon the weight & width of the door. Using the charts below you can easily select which model best matches your door specifications.

EXAMPLE

Door specifications: Door Height 2100, Door Width: 820mm, Door Weight 60Kg.

Recommended hinge and quantity: 3 x BAC1430 or 2 x BAC1131

Concealed Hinges for NORMAL sized doors up to 2100 high by up to 1300mm wide.

Hinge Model	Number of hinges required per door is calculated by the doors height, width and weight.								Location	
	Max Door Width in mm	601-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300		
BAC1129 Min Door Thickness 28mm	2 Hinges	30	28	25	23	20	NA	NA	Suitable for Internal & External (under cover) Use	
	3 Symmetrical Hinges	40	35	30	38	25	NA	NA		
	3 Asymmetrical Hinges	45	42	40	38	35	NA	NA		
	4 Hinges	48	45	44	42	38	NA	NA		
BAC1430 Min Door Thickness 28mm	2 Hinges	55	53	47	40	35	30	NA		
	3 Symmetrical Hinges	73	70	65	60	51	43	NA		
	3 Asymmetrical Hinges	75	72	68	65	54	47	NA		
	4 Hinges	80	78	75	70	60	50	40		
BAC1131 Min Door Thickness 38mm	2 Hinges	100	90	85	80	70	60	NA		
	3 Symmetrical Hinges	140	130	125	120	108	90	NA		
	3 Asymmetrical Hinges	150	140	135	130	112	98	80		
	4 Hinges	160	156	150	140	120	105	90		
BAC1431 Min Door Thickness 38mm	2 Hinges	115	105	100	95	85	75	NA		
	3 Symmetrical Hinges	155	145	140	135	123	105	75		
	3 Asymmetrical Hinges	165	155	150	145	127	110	96		
	4 Hinges	175	171	165	155	135	120	100		
BAC1432 Min Door Thickness 38mm	2 Hinges	190	185	180	170	155	140	120		
	3 Symmetrical Hinges	225	220	215	200	185	160	140		
	3 Asymmetrical Hinges	245	240	235	215	200	180	160		
	4 Hinges	260	255	250	230	215	190	170		
BAC1230 Min Door Thickness 35mm	2 Hinges	63	60	53	50	40	30	NA	Suits Clad Doors See hinge for max cladding thickness	
	3 Symmetrical Hinges	85	80	73	70	60	44	NA		
	3 Asymmetrical Hinges	90	83	76	74	62	49	NA		
	4 Hinges	95	90	76	80	68	54	40		
BAC1432W Min Door Thickness 38mm	2 Hinges	170	165	160	150	145	140	120		
	3 Symmetrical Hinges	205	200	195	180	165	160	140		
	3 Asymmetrical Hinges	225	220	215	195	180	180	160		
	4 Hinges	240	235	230	210	195	190	170		
BAC1130SS AISI 304L Min Door Thickness 38mm	2 Hinges	56	52	47	43	39	30	NA		Suitable for External Use
	3 Symmetrical Hinges	75	73	68	65	58	43	NA		
	3 Asymmetrical Hinges	80	76	71	68	63	47	NA		
	4 Hinges	85	80	75	72	68	50	40		

Door Closers: The installation of a door closer increases the load on the door, effectively making it appear twice as heavy as its actual weight. As a consequence, this additional load will impact the capacity and integrity of the selected hinges. Therefore, it is important to choose the appropriate hinge model considering the effective increase in door weight.

Concealed Hinges for LARGE sized doors 2101-2700mm high by up to 1300mm wide.

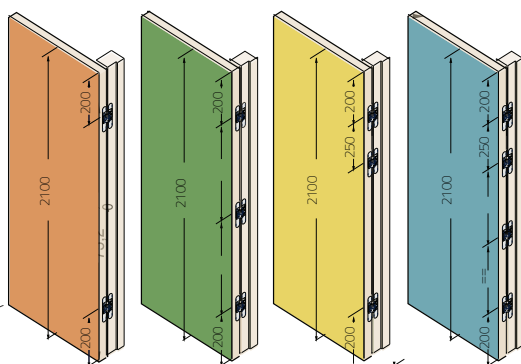
Hinge Model	Number of hinges required per door is calculated by the doors height, width and weight.								
	Max Door Width in mm	601-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	Location
BAC1430 Min Door Thickness 28mm	3 Symmetrical Hinges	67	64	60	52	45	40	35	Suitable for Internal & External (under cover) Use
	3 Asymmetrical Hinges	71	67	62	58	50	48	40	
	4 Hinges	78	72	65	60	55	51	42	
BAC1131 Min Door Thickness 38mm	3 Symmetrical Hinges	125	120	115	105	95	90	80	
	3 Asymmetrical Hinges	140	135	130	120	110	100	90	
	4 Hinges	145	145	140	130	120	110	95	
BAC1431 Min Door Thickness 38mm	3 Symmetrical Hinges	140	130	125	120	110	105	85	
	3 Asymmetrical Hinges	155	145	140	135	120	115	105	
	4 Hinges	165	160	150	145	130	125	110	
BAC1432 Min Door Thickness 38mm	3 Symmetrical Hinges	200	200	195	180	170	160	150	
	3 Asymmetrical Hinges	220	215	205	195	185	180	170	
	4 Hinges	235	230	230	210	195	190	180	
BAC1230 Min Door Thickness 35mm	3 Symmetrical Hinges	70	67	64	60	50	45	39	Suits Clad Doors See hinge for max cladding thickness
	3 Asymmetrical Hinges	75	71	67	62	58	52	43	
	4 Hinges	83	78	72	65	60	55	46	
BAC1432W Min Door Thickness 38mm	3 Symmetrical Hinges	205	200	195	180	165	160	140	
	3 Asymmetrical Hinges	225	220	215	195	180	180	160	
	4 Hinges	240	235	230	210	195	190	170	

Concealed Hinges for MONSTER sized doors 2700-3500mm high by up to 1300mm wide.

Hinge Model	Number of hinges required per door is calculated by the doors height, width and weight.								
	Max Door Width in mm	601-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	Location
BAC1430	3 Symmetrical Hinges	70	65	59	50	47	40	35	Suitable for Internal & External (under cover) Use
	4 Hinges	78	70	64	55	50	49	41	
BAC1131	3 Symmetrical Hinges	110	105	100	90	80	75	70	
	4 Hinges	135	130	120	110	105	90	80	
BAC1431	3 Symmetrical Hinges	110	105	100	90	80	78	75	
	4 Hinges	135	130	110	105	105	95	85	
BAC1432	3 Symmetrical Hinges	200	195	175	165	160	155	145	
	4 Hinges	235	220	210	200	190	185	175	
BAC1230	3 Symmetrical Hinges	70	65	59	50	44	41	NA	Suits Clad Doors See hinge for max cladding thickness
	4 Hinges	78	70	64	53	48	44	41	
BAC1432W	3 Symmetrical Hinges	180	170	160	155	150	145	140	
	4 Hinges	215	200	190	185	180	175	170	

POSITION OF HINGES

- 2 hinges per door
- 3 symmetrical hinges per door
- 3 asymmetrical hinges per door
- 4 hinges per door



CEAM Quick Facts

Stock	Full range stocked locally
Door Type Suitability	Timber, Aluminium, Steel & Glass
Jigs & Templates	Available to Buy & Rent
Gap when closed	2mm
Working aperture	180°
Manufacturing location	100% Made in Italy
Reliability	Certified to over 200,000 cycles
Adjustable	3D adjustment on 3 (X,Y,Z) axes
Quick Release	CEAM quick release system, never need to touch the door or jamb again