

HINGE SELECTION

This Hinge Selector is to assist you in choosing the correct Kason hinges for commercial refrigeration, foodservice equipment, transportation, industrial and many other uses. The Load Chart, below, shows our recommended allowable load per pair of hinges for each hinge group.

The data applies for normal conditions under static loading by door weight only. Other factors, such as positive or negative pressure, very high gasket compression, vibration, corrosive or abrasive atmospheres, or structural movement are not taken into account. It is the final responsibility of the users to determine the suitability and capacity required in their specific applications.

HOW TO USE THIS CHART

1. Locate the weight of your door in the far left column, headed Door Weight.
2. Find the width of your door along the bottom of the chart.
3. Where the Weight line and Width column intersect, find the recommended hinge group code (A, B, etc.).
4. Select your hinges from the Kason Hinge Groups, below.

NOTE: If exact dimensions and weight for your door is not shown, use the next higher width and weight.

LOAD CHART

DOOR WEIGHTS																						
kg.	lb.																					
226.8	500	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J
217.7	480	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J
208.6	460	D	D	E	E	F	F	F	G	G	G	G	H	H	H	H	H	H	J	J	J	J
199.5	440	D	D	D	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	J	J
190.5	420	D	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	J
181.4	400	D	D	D	E	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	H
172.4	380	D	D	D	D	E	F	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H
163.3	360	D	D	D	D	E	E	F	F	F	G	G	G	G	G	G	H	H	H	H	H	H
154.2	340	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H	H
145.2	320	C	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H
136.1	300	C	D	D	D	D	E	E	E	F	F	F	F	G	G	G	G	G	G	G	H	H
127.0	280	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	H
117.9	260	C	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G
108.9	240	C	C	D	D	D	D	D	D	E	E	F	F	F	F	F	F	G	G	G	G	G
99.8	220	C	C	C	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	G	G	G
90.7	200	B	C	C	D	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	F	G
81.7	180	B	C	C	C	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F	F	F
72.6	160	B	B	C	C	C	D	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F
63.5	140	B	B	C	C	C	C	D	D	D	D	D	D	D	D	D	E	E	E	E	F	F
54.4	120	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	E	E
45.4	100	A	B	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D
36.3	80	A	A	B	B	B	B	B	C	C	C	C	C	C	D	D	D	D	D	D	D	D
27.2	60	A	A	A	A	B	B	B	B	B	C	C	C	C	C	C	C	C	C	C	D	D
18.1	40	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	C	C	C	C
9.0	20	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B
DOOR WIDTH	in.	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72
	cm.	30.5	38.1	45.7	53.3	61.0	68.6	76.2	83.8	91.4	99.1	106.7	114.3	121.9	129.5	137.2	144.8	152.4	160.0	167.6	175.3	182.9

KASON HINGE GROUPS (ORDER IN PAIRS)

GROUP	HINGE MODEL NUMBERS
A	139, 211, 212, 213, 214, 215, 225, 1070, 1216, 1216-13, 1219
B	217, 217S, 218, 220, 1070A, 1071, 1220, 1510, 1511, 1512, 1513, 1521, 1522, 1530, 1531, 1532, 1533, 1556
C	1061, 1071A, 1247, 1257, 1263, 1267, 1268, 1269, 1367R, 1467R, 1550
D	1241, 1243, 1245, 1246, 1248, 1249, 1251, 1255, 1256, 1341, 1345, 1346
E	1074
F	1037, 1055, 1214, 1240, 1409
G	998, 1073, 1277, 1277L, 1277S, 1277T, 1377S, 1398
H	1075, 1076, 1275, 1276
J	94