

Hinges

Calculating the Adjusted Door Weight.

Establish the weight of door including all door furniture, metal plates and windows. If you have a door closer, add 20% to the door weight.

If the door closer has back-check, add 75% to the door weight, instead of the 20% above.

For door width over 950mm:

951mm to 1050mm, add 10% to door weight.

1051mm to 1150mm, add 20% to door weight.

1151mm to 1250mm, add 30% to door weight.

Therefore, Adjusted Door Weight = (total weight of the door) + (% for door closer/back-check) + (% for any width over 950mm) Please refer to lockweb.com.au/hinge-calc for the online Hinge Adjusted Weight Calculator.

Hinge Selection Table

This Hinge Selection Table has been developed to assist in hinge selection for doors in commercial applications where frequent use is anticipated (eg hospitals, schools, universities, offices and public buildings). In applications where it is reasonable to anticipate less frequent use

(eg apartment entry doors) the maximum adjusted door weight becomes less relevant and as such the complete range of Lockwood hinges can be relied on to provide trouble free service.

Hinge Part Number	Hinge Size (mm)	Description	*Finish	Type	*Material	Maximum Adjusted Door Weight (kg)	Fire Rating
LW10075RLSSS	100x75x2.5	Right Hand Lift Off	SSS	Lift Off Hinge	SS	50	None
LW10075LLSSS		Left Hand Lift Off					
LW10075RLMBK		Right Hand Lift Off	MBK				
LW10075LLMBK		Left Hand Lift Off					
LW10000BBPSS	100x100x2.5	Ball Bearing	PSS	Butt Hinge	SS	60	These Lockwood hinges have been successfully tested up to four hours (depending on type of doorset) on fire door assemblies in accordance with Australian Standard AS 1905.1-2005, Part 1: Fire Resistant Doorsets.
LW10000BBSSS	100x100x2.5	Ball Bearing	SSS				
LW10000BBMBK	100x100x2.5	Ball Bearing	MBK				
LW10075BBPSS	100x75x2.5	Ball Bearing	PSS				
LW10075BBSSS	100x75x2.5	Ball Bearing	SSS				
LW10075BBMBK	100x75x2.5	Ball Bearing	MBK				
LW10000FPPSS	100x100x2.5	Fixed Pin	PSS				
LW10000FPSSS	100x100x2.5	Fixed Pin	SSS				
LW10075FPPSS	100x75x2.5	Fixed Pin	PSS				
LW10075FPSSS	100x75x2.5	Fixed Pin	SSS				
LW10000LPPSS	100x100x2.5	Loose Pin	PSS				
LW10000LPSSS	100x100x2.5	Loose Pin	SSS				
LW10075LPPSS	100x75x2.5	Loose Pin	PSS				
LW10075LPSSS	100x75x2.5	Loose Pin	SSS				
LW10075LPMBK	100x75x2.5	Loose Pin	MBK				
LW10000BBSC	100x100x2.5	Ball Bearing	SC				
LW10075BBSC	100x75x2.5	Ball Bearing					
LW10000FPSC	100x100x2.5	Fixed Pin					
LW10000LPSC	100x100x2.5	Loose Pin					
LW10075LPSC	100x75x2.5	Loose Pin					
LW10000BBHDSS	100x100x3.0	Heavy Duty	SSS	Heavy Duty Butt Hinge	SS	70	These Lockwood hinges have been successfully tested up to four hours (depending on type of doorset) on fire door assemblies in accordance with Australian Standard AS 1905.1-2005, Part 1: Fire Resistant Doorsets.
LW10000SDSSS	100x100x3.0	Severe Duty	SSS	Severe Duty Butt Hinge	SS	120	
LW10075SDSSS	100x75x3.0						

*Legend:

SS=Stainless Steel

MS=Mild Steel

SSS=Satin Stainless Steel finish

PSS=Polished Stainless Steel finish

SC=Satin Chrome finish

MBK = Matte Black

