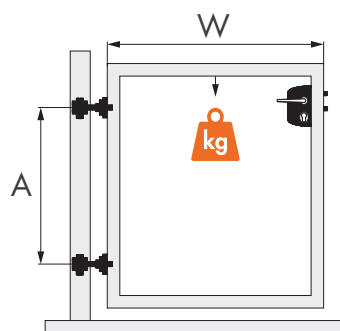


	<b>GBMU</b>	↓	↔	↘	📏
	<b>GBMU-B/Z-M12</b>	-	41 mm	20 mm	100 kg
	<b>GBMU-B/Z-M16</b>	-	51/91 mm	20 mm	200 kg
	<b>GBMU-B/Z-M18</b>	-	36/82 mm	30 mm	250 kg
	<b>GBMU-B/Z-M20</b>	-	55/65 mm	30 mm	400 kg
	<b>GBMU-B/Z-M22</b>	-	61/76 mm	30 mm	440 kg
	<b>BOLTONHD-4D</b>	↓	↔	↘	📏
	<b>BOLTONHD-4D-12-QF</b>	14 mm	51 mm	25 mm	100 kg
	<b>BOLTONHD-4D-12-4060</b>	14 mm	51 mm	25 mm	100 kg
	<b>BOLTONHD-4D-16-QF</b>	14 mm	51 mm	25 mm	200 kg
	<b>BOLTONHD-4D-16-4060</b>	14 mm	51 mm	25 mm	200 kg
	<b>GBMU4D12</b>	↓	↔	↘	📏
	<b>GBMU4D12-B/Z</b>	19 mm	41 mm	25 mm	100 kg
	<b>GBMU4D16</b>	↓	↔	↘	📏
	<b>GBMU4D16-B/Z</b>	19 mm	53/93 mm	25 mm	200 kg
	<b>GBMU4D20</b>	↓	↔	↘	📏
	<b>GBMU4D20-B/Z</b>	19 mm	59/69 mm	35 mm	400 kg
	<b>GBMU4DSHIELD</b>	↓	↔	↘	📏
	<b>GBMU4DSHIELD-12-B/Z</b>	19 mm	41 mm	25 mm	100 kg
	<b>GBMU4DSHIELD-16-B/Z</b>	22 mm	53 mm	25 mm	200 kg
	<b>EXCENTRO</b>	↓	↔	↘	📏
	<b>EXCENTRO-M16</b>	19 mm	53 mm	25 mm	150 kg
	<b>DINO</b>	↓	↔	↘	📏
		20 mm	20 mm	-	150 kg
	<b>PUMA</b>	↓	↔	↘	📏
		20 mm	15 mm	-	60 kg
	<b>BEARING HINGE</b>	↓	↔	↘	📏
		22 mm	35 mm	-	200 kg
	<b>3DM</b>	↓	↔	↘	📏
	<b>3DM-VP100-P50-A2</b>	10 mm	15 mm	15 mm	150 kg
	<b>3DM-VP100-P50-HDG</b>	10 mm	15 mm	15 mm	150 kg
	<b>3DW</b>	↓	↔	↘	📏
	<b>3DW-350-A2</b>	15 mm	15 mm	-	350 kg
	<b>3DW-350-HDG</b>	15 mm	15 mm	-	350 kg
	<b>3DW-450-HDG</b>	15 mm	15 mm	-	350 kg
	<b>4DW</b>	↓	↔	↘	📏
	<b>4DW-300-A2</b>	15 mm	50 mm	20 mm	150 kg
	<b>4DW-400-A2</b>	15 mm	50 mm	20 mm	150 kg
	<b>4DW-500-A2</b>	15 mm	50 mm	20 mm	150 kg

	<b>G90Z</b>	↓	↔	↘	📏
	<b>G90Z-B/Z-M16</b>	-	30/75/115 mm	-	150 kg
	<b>G90Z-B/Z-M20</b>	-	27/110 mm	-	300 kg
	<b>G90LR</b>	↓	↔	↘	📏
	<b>G90LR-Z-M16</b>	-	30/75/115 mm	-	150 kg
	<b>G90LR-Z-M20</b>	-	27/110 mm	-	300 kg
	<b>G-ORNA-LR</b>	↓	↔	↘	📏
	<b>G-ORNA-LR-B/Z-M20</b>	-	20 mm	-	300 kg
	<b>G-ORNA-LR-B/Z-M24</b>	-	25 mm	-	400 kg
	<b>G-ORNA-LR-B/Z-M27</b>	-	38 mm	-	500 kg
	<b>G90WP</b>	↓	↔	↘	📏
	<b>G90WP-B-M16</b>	-	30/75/115 mm	-	150 kg
	<b>G90WP-B-M20</b>	-	27/110 mm	-	300 kg
	<b>G-ORNA-WP</b>	↓	↔	↘	📏
	<b>G-ORNA-WP-B/Z-M20</b>	-	20 mm	-	300 kg
	<b>GAM12</b>	↓	↔	↘	📏
		-	93/113 mm	-	100 kg
	<b>GBM12</b>	↓	↔	↘	📏
	<b>GBM12-30</b>	-	93/113 mm	-	60 kg
	<b>GBM12-40</b>	-	85/105 mm	-	60 kg
	<b>GBM12-DP</b>	↓	↔	↘	📏
		-	85/105 mm	-	75 kg
	<b>GBM16-40</b>	↓	↔	↘	📏
		-	100/120 mm	-	75 kg
	<b>GBM16-DP</b>	↓	↔	↘	📏
	<b>GBM16-DP-40</b>	-	100/120 mm	-	100 kg
	<b>GBM16-DP-50</b>	-	93/113 mm	-	100 kg
	<b>SWING40</b>	↓	↔	↘	📏
		-	90/110 mm	-	75 kg

## MAXIMUM GATE WEIGHT

Any of our hinges can bear up 3,5 times the maximally allowed gate weight without endangering safety.



SAFETY FACTOR 3,5

$$\frac{W}{A} \leq 2$$

W = Gate width (max. 4 m)  
A = Distance between the hinges