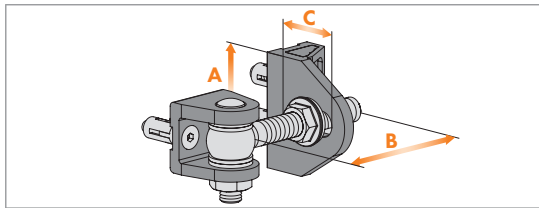


HINGES

Specifications

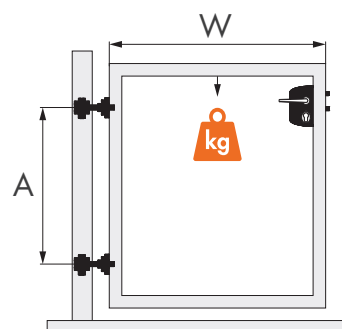


	GBMU				
	GBMU-B/Z-M12	–	41 mm	20 mm	100 kg
	GBMU-B/Z-M16	–	51/91 mm	20 mm	200 kg
	GBMU-B/Z-M18	–	36/82 mm	30 mm	250 kg
	GBMU-B/Z-M20	–	55/65 mm	30 mm	400 kg
	GBMU-B/Z-M22	–	61/76 mm	30 mm	440 kg
	BOLTONHD-4D				
	BOLTONHD-4D-12-QF	14 mm	51 mm	25 mm	100 kg
	BOLTONHD-4D-12-4060	14 mm	51 mm	25 mm	100 kg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

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