

GENERAL PRODUCT LINE DIMENSIONAL SUMMARY

GBR-55 LINE (English Units)

BUMPER	DIMENSIONAL INFORMATION							PERFORMANCE DATA				WEIGHT
	FREE HEIGHT	FREE BULGE	WIDTH	WRENCH OPENING	MOUNTING HOLE**	SOLID HEIGHT	BULGE @ SOLID HT.	@RATED ENERGY		EMERGENCY STOP*		SHIPPING WEIGHT
	IN	IN	IN	IN	IN	IN	IN	ENERGY IN-LBS	PEAK FORCE LBS	ENERGY IN-LBS	PEAK FORCE LBS	OZ
GBR-1-55	0.91+/- .030	1.18+/- .035	0.52+/- .015	0.37+/- .015	0.22	0.32	1.51	20	125	50	250	0.15
GBR-2-55	1.17+/- .040	1.52+/- .045	0.75+/- .030	0.37+/- .015	0.22	0.41	1.96	50	225	160	700	0.40
GBR-3-55	1.40+/- .045	1.78+/- .050	0.79+/- .030	0.37+/- .020	0.22	0.48	2.27	75	250	200	800	0.55
GBR-4-55	1.64+/- .055	2.03+/- .060	1.34+/- .030	0.37+/- .020	0.22	0.37	2.68	100	275	175	525	0.85
GBR-5-55	2.08+/- .065	2.53+/- .075	1.70+/- .030	0.38+/- .020	0.22	0.56	3.43	250	525	400	1,200	1.8
GBR-6-55	2.20+/- .070	2.67+/- .080	1.80+/- .030	0.38+/- .020	0.22	0.74	3.47	550	1,050	850	1,500	2.75
GBR-7-55	2.52+/- .080	3.12+/- .080	1.78+/- .030	0.48+/- .020	0.28	0.85	4.03	700	1,300	925	1,600	3.6
GBR-8-55	2.70+/- .090	3.39+/- .090	2.00+/- .030	0.43+/- .020	0.28	0.92	4.3	1,100	1,675	1,800	3,000	5.15
GBR-9-55	2.68+/- .090	3.39+/- .090	2.64+/- .030	0.61+/- .020	0.40	0.92	4.37	1,400	2,150	2,300	3,500	6.7
GBR-10-55	3.01+/- .100	3.72+/- .100	3.21+/- .040	0.60+/- .020	0.40	1.03	4.87	2,000	2,800	3,000	4,100	9.4
GBR-11-55	3.30+/- .090	4.03+/- .090	3.19+/- .040	0.61+/- .020	0.40	1.11	5.22	2,500	3,225	3,750	4,700	11.25

* Emergency Stop data is to be applied to applications where the bumper will be struck no more than 20 times with a minimum of 24 hours between uses.

**Mounting hole dimensions are nominal values and provide clearance for the recommended mounting hardware.

GENERAL PRODUCT LINE DIMENSIONAL SUMMARY

GBR-55 LINE (Metric Units)

BUMPER	DIMENSIONAL INFORMATION							PERFORMANCE DATA				WEIGHT
	FREE HEIGHT MM	FREE BULGE MM	WIDTH MM	WRENCH OPENING MM	MOUNTING HOLE ** MM	SOLID HEIGHT MM	BULGE @ SOLID HT. MM	@ RATED ENERGY		EMERGENCY STOP*		SHIPPING WEIGHT GRAMS
								ENERGY N-M	PEAK FORCE N	ENERGY N-M	PEAK FORCE N	
GBR-1-55	23.1 +/- .8	30.0 +/- .9	13.2 +/- .4	9.4 +/- .4	5.6	8.1	38.4	2.3	600	5.7	1,100	4.25
GBR-2-55	29.7 +/- 1.0	38.6 +/- 1.1	19.1 +/- .6	9.4 +/- .4	5.6	10.4	49.8	5.6	1,000	18	3,125	11.50
GBR-3-55	35.6 +/- 1.1	45.2 +/- 1.3	20.1 +/- .8	9.4 +/- .5	5.6	12.2	57.7	8.5	1,100	23	3,550	15.75
GBR-4-55	41.7 +/- 1.4	51.6 +/- 1.5	34.0 +/- .8	9.4 +/- .5	5.6	9.4	68.1	11.3	1,200	20	2,325	24.25
GBR-5-55	52.8 +/- 1.5	64.3 +/- 1.9	43.2 +/- .8	9.7 +/- .5	5.6	14.2	87.1	28.6	2,300	45	5,350	51
GBR-6-55	55.9 +/- 1.8	67.8 +/- 2.0	45.7 +/- .8	9.7 +/- .5	5.6	18.8	88.1	62	4,700	96	6,675	78
GBR-7-55	64.0 +/- 2.0	79.2 +/- 2.0	45.2 +/- .8	12.2 +/- .5	7.1	21.6	102.4	79	5,800	105	7,125	113
GBR-8-55	68.6 +/- 2.3	86.1 +/- 2.3	50.8 +/- .8	10.9 +/- .5	7.1	23.4	109.2	124	7,500	203	13,350	146
GBR-9-55	68.1 +/- 2.3	86.1 +/- 2.3	67.1 +/- .8	15.5 +/- .5	10.2	23.4	111.0	158	9,600	260	15,575	190
GBR-10-55	76.5 +/- 2.5	94.5 +/- 2.5	81.5 +/- 1.0	15.2 +/- .5	10.2	26.2	123.7	226	12,500	339	18,250	266
GBR-11-55	83.8 +/- 2.3	102.4 +/- 2.3	81.0 +/- 1.0	15.5 +/- .5	10.2	28.2	132.6	283	14,400	424	20,900	319

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