



WGRM LC

mm

igubal® Ball/Socket Joints



Dimensions as WGRM, page 51.25

Data in mm

Structure – part no.
WG R M-05 LC



- Low Cost
- Dimension
- Metric
- Right-hand thread
- Ball and socket joint (elbow)

Phone +44 (0) 1604 - 677240
Fax +44 (0) 1604 - 677245

igus® UK Ltd.

Internet www.igus.co.uk
E-mail sales@igus.co.uk

51.28

Special Properties

- LC (low cost) version is a two piece assembly with either a plastic or metal stud
- Low weight
- Maintenance-free
- Plastic stud for lowest price, metal stud for highest load



Material

Housing: igumid G
▶ Page 70.8

Load Data

Part Number *	Max. axial tensile force [N] (ball stud axis)	Max. axial compressive force [N] (pivoting axis)	Max. axial tensile force [N] (housing axis)	Max. axial tensile force [N] in housing axis with metal ball stud
WGRM-05 LC	150 (MS 200)*	200	100	600
WGRM-06 LC	200 (MS 300)*	300	140	800
WGRM-08 LC	350 (MS 400)*	500	200	1500
WGRM-10 LC	300 (MS 550)*	900	400	1900

Dimensions [mm] – technical drawing, Page 51.19

Part Number	d1	d2	d4	l1	l2	l5	l6	h1	h2	h3	S1	a	b	e	Pivot angle	
	+0,1	+0,5	+0,2	+0,3				+0,4	+0,5	+0,5		+0,3	+0,5	+0,5	recom.	max.
	-0,1	-0,5	-0,2	-0,3	min.	-0,4	-0,5	-0,5	-0,3	-0,5	-0,5					
WGRM-05 LC	8,0	M5	12,8	9,0	10,2	14,0	8,2	10,8	0,65	25,6	SW 8	22,0	28,4	11,0	18°	25°
WGRM-06 LC	10,0	M6	14,8	11,0	12,5	16,0	10,5	12,3	0,70	30,9	SW 9	25,0	32,4	13,0	18°	25°
WGRM-08 LC	13,0	M8	19,3	13,0	16,5	18,0	13,5	16,2	1,15	38,8	SW 12	30,0	39,7	16,0	18°	25°
WGRM-10 LC	16,0	M10	24,0	16,0	20,0	20,0	16,0	20,0	1,15	47,0	SW 14	35,0	47,0	18,0	18°	25°

* Use suffix MS for metal stud; for example: WGRM-05 LC MS

