

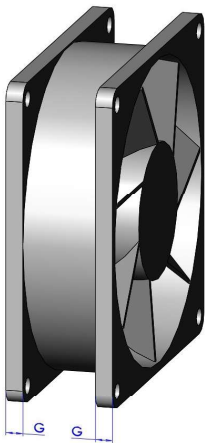
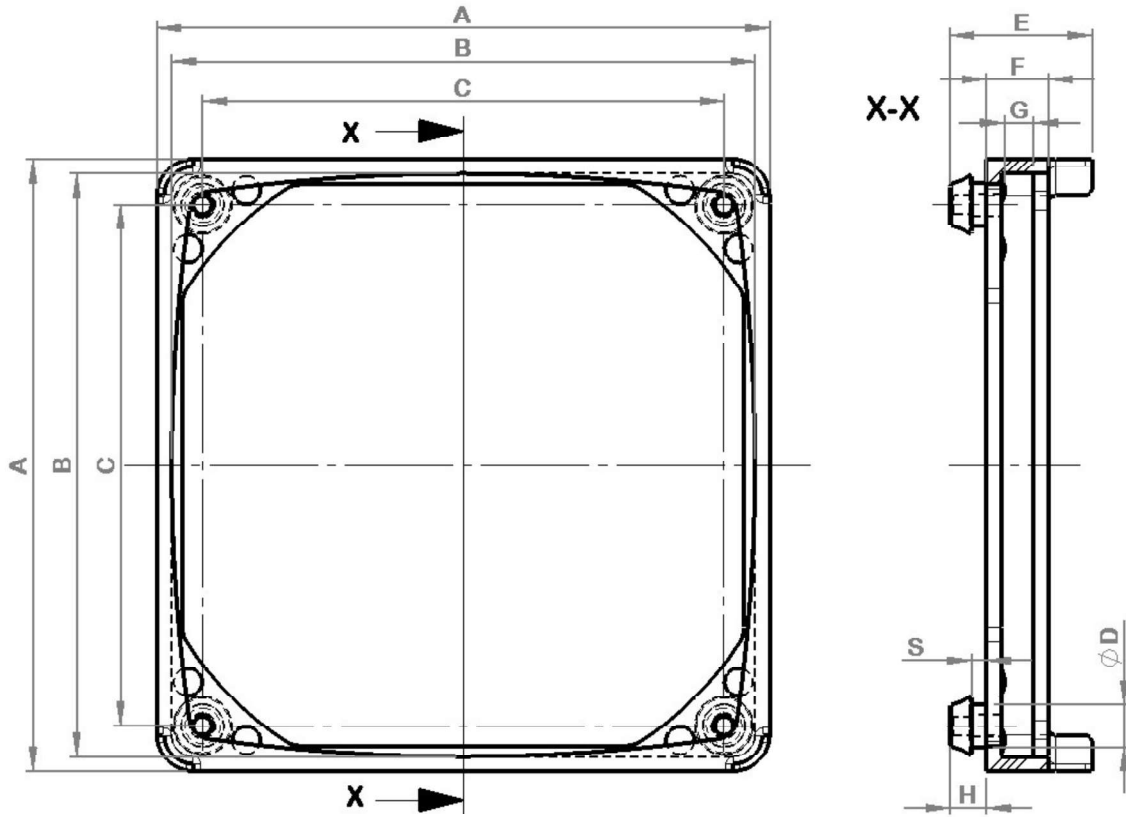


Fan sleeves type LM

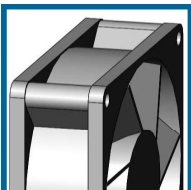
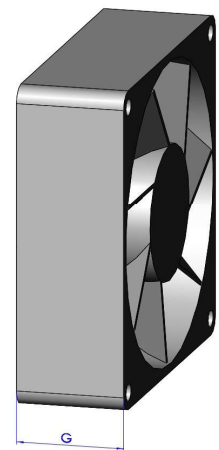
	Material:	TPE (Thermoplastic elastomer)	
	Colour:	black	
	Hardness:	ca. 65° Shore A	
	Temperature resistance:	from -40 to +100° C	
	Fire resistance:	UL94-V-0	
Equals guideline:		EG2011/65/EU (RoHS) and EG1907/2006 (REACH)	



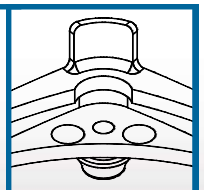
For the article definition you need the fan size (size B), the flange thickness (size G/ see picture left) and also the panel thickness.

Small fans do not have an extra flange (see picture right). For this fans the flange means the height of the fan (size G).

With * marked fan types size G equals the fan height.



For **rip type** fans you need the sleeve version with „-F“ (*free edges*)
i.e. LM-80-40-10-F



Article number:

LM	40	20	10 or 20	(F)
Article	Fan size B	fan flange thickness size G at 1/10 mm	panel thickness 10 = from 0,75 to 1,25 mm 20 = from 1,50 to 2,50 mm	free edges for rip type fans

Article no.	A	B	C	D	E	F	G	H	S	Panel thickness
LM-25-100-10	27	25	24	3,5	20,25	12,25	10,0	2,0	1,0	0,75 to 1,25
LM-25-100-20	27	25	24	3,5	21,25	12,25	10,0	2,0	2,0	1,50 to 2,50
LM-30-100-10	33	30	28	4,0	22,25	13,25	10,0 *	3,0	1,0	0,75 to 1,25
LM-30-100-20	33	30	28	4,0	23,25	13,25	10,0 *	4,0	2,0	1,50 to 2,50
LM-40-20-10-F	43	40	38	4,5	14,75	5,25	2,0	3,5	1,0	0,75 to 1,25
LM-40-20-20-F	43	40	38	4,5	15,75	5,25	2,0	4,5	2,0	1,50 to 2,50
LM-40-40-10-F	43	40	38	4,5	16,75	7,25	4,0	3,5	1,0	0,75 to 1,25
LM-40-40-20-F	43	40	38	4,5	17,75	7,25	4,0	4,5	2,0	1,50 to 2,50
LM-40-100-10	43	40	38	4,5	22,75	13,25	10,0 *	3,5	1,0	0,75 to 1,25
LM-40-100-20	43	40	38	4,5	23,75	13,25	10,0 *	4,5	2,0	1,50 to 2,50
LM-40-150-10	43	40	38	4,5	27,75	18,25	15,0 *	3,5	1,0	0,75 to 1,25
LM-40-150-20	43	40	38	4,5	28,75	18,25	15,0 *	4,5	2,0	1,50 to 2,50
LM-40-200-10	43	40	38	4,5	32,75	23,25	20,0 *	3,5	1,0	0,75 to 1,25
LM-40-200-20	43	40	38	4,5	33,75	23,25	20,0 *	4,5	2,0	1,50 to 2,50
LM-50-25-10-F (B42)	53	50	48	4,5	15,25	5,75	2,5	3,5	1,0	0,75 to 1,25
LM-50-25-20-F (B42)	53	50	48	4,5	16,5	5,75	2,5	4,5	2,0	1,50 to 2,50
LM-50-100-10 (B40)	53	50	48	4,5	22,75	13,25	10,0 *	3,5	1,0	0,75 to 1,25
LM-50-100-20 (B40)	53	50	48	4,5	23,75	13,25	10,0 *	4,5	2,0	1,50 to 2,50
LM-50-150-10 (B40)	53	50	48	4,5	27,75	18,25	15,0 *	3,5	1,0	0,75 to 1,25
LM-50-150-20 (B40)	53	50	48	4,5	28,75	18,25	15,0 *	4,5	2,0	1,50 to 2,50
LM-50-200-10 (B40)	53	50	48	4,5	32,75	23,35	20,0 *	3,5	1,0	0,75 to 1,25
LM-50-200-20 (B40)	53	50	48	4,5	33,75	23,25	20,0 *	4,5	2,0	1,50 to 2,50
LM-60-30-10 (-F)	64	60	58	5,0	17,50	7,50	3,0	4,0	1,0	0,75 to 1,25
LM-60-30-20 (-F)	64	60	58	5,0	18,50	7,50	3,0	5,0	2,0	1,50 to 2,50
LM-60-40-10 (-F)	64	60	58	5,0	18,50	8,50	4,0	4,0	1,0	0,75 to 1,25
LM-60-40-20 (-F)	64	60	58	5,0	19,50	8,50	4,0	5,0	2,0	1,50 to 2,50
LM-80-30-10 (-F)	84	80	77	5,8	17,50	7,50	3,0	4,0	1,0	0,75 to 1,25
LM-80-30-20 (-F)	84	80	77	5,8	18,50	7,50	3,0	5,0	2,0	1,50 to 2,50
LM-80-40-10 (-F)	84	80	77	5,8	18,50	8,50	4,0	4,0	1,0	0,75 to 1,25
LM-80-40-20 (-F)	84	80	77	5,8	19,50	8,50	4,0	5,0	2,0	1,50 to 2,50
LM-80-50-10 (-F)	84	80	77	5,8	20,50	9,50	5,0	4,0	1,0	0,75 to 1,25
LM-80-50-20 (-F)	84	80	77	5,8	21,50	9,50	5,0	5,0	2,0	1,50 to 2,50
LM-92-40-10(-F)	97	92	89	6,0	19,50	9,50	4,0	4,0	1,0	0,75 to 1,25
LM-92-40-20 (-F)	97	92	89	6,0	20,50	9,50	4,0	5,0	2,0	1,50 to 2,50
LM-92-50-10 (-F)	97	92	89	6,0	21,50	10,50	5,0	4,0	1,0	0,75 to 1,25
LM-92-50-20 (-F)	97	92	89	6,0	22,50	10,50	5,0	5,0	2,0	1,50 to 2,50
LM-92-60-10 (-F)	97	92	89	6,0	23,50	11,50	6,0	4,0	1,0	0,75 to 1,25
LM-92-60-20 (-F)	97	92	89	6,0	24,50	11,50	6,0	5,0	2,0	1,50 to 2,50
LM-119-40-10 (-F)	125	119	116	8,0	22,00	9,50	4,0	4,5	1,0	0,75 to 1,25
LM-119-40-20 (-F)	125	119	116	8,0	23,00	9,50	4,0	5,5	2,0	1,50 to 2,50
LM-119-50-10 (-F)	125	119	116	8,0	24,00	10,50	5,0	4,5	1,0	0,75 to 1,25
LM-119-50-20 (-F)	125	119	116	8,0	25,00	10,50	5,0	5,5	2,0	1,50 to 2,50
LM-119-60-10 (-F)	125	119	116	8,0	26,00	11,50	6,0	4,5	1,0	0,75 to 1,25
LM-119-60-20 (-F)	125	119	116	8,0	27,00	11,50	6,0	5,5	2,0	1,50 to 2,50

All dimensions in mm!

Other sleeves/dimensions on request!

CAD Data sheets on www.thoptec.de and on „TraceParts“.

Legend:

Size A:	max. outside dimension	Size D:	diameter of the plug-in peg	Size G:	flange thickness or fan height
Size B:	fan size	Size E:	overall height of the fan sleeve	Size H:	height of the plug-in peg over the fan sleeve
Size C:	min. inside dimension	Size F:	height of the fan sleeve without plug-in peg	Size S:	clearance of the plug-in peg