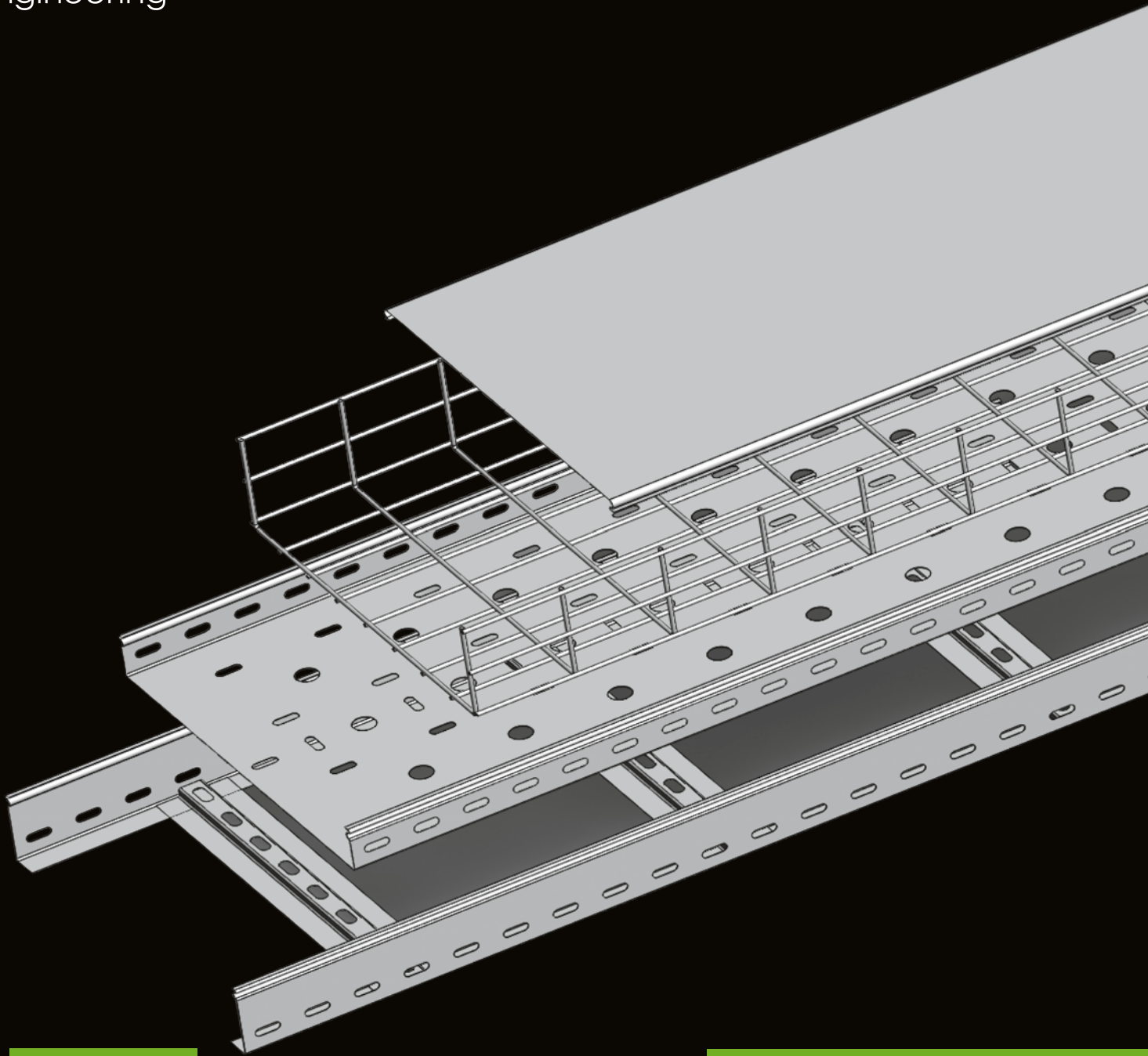




KLM

engineering

CABLE TRAY SYSTEMS



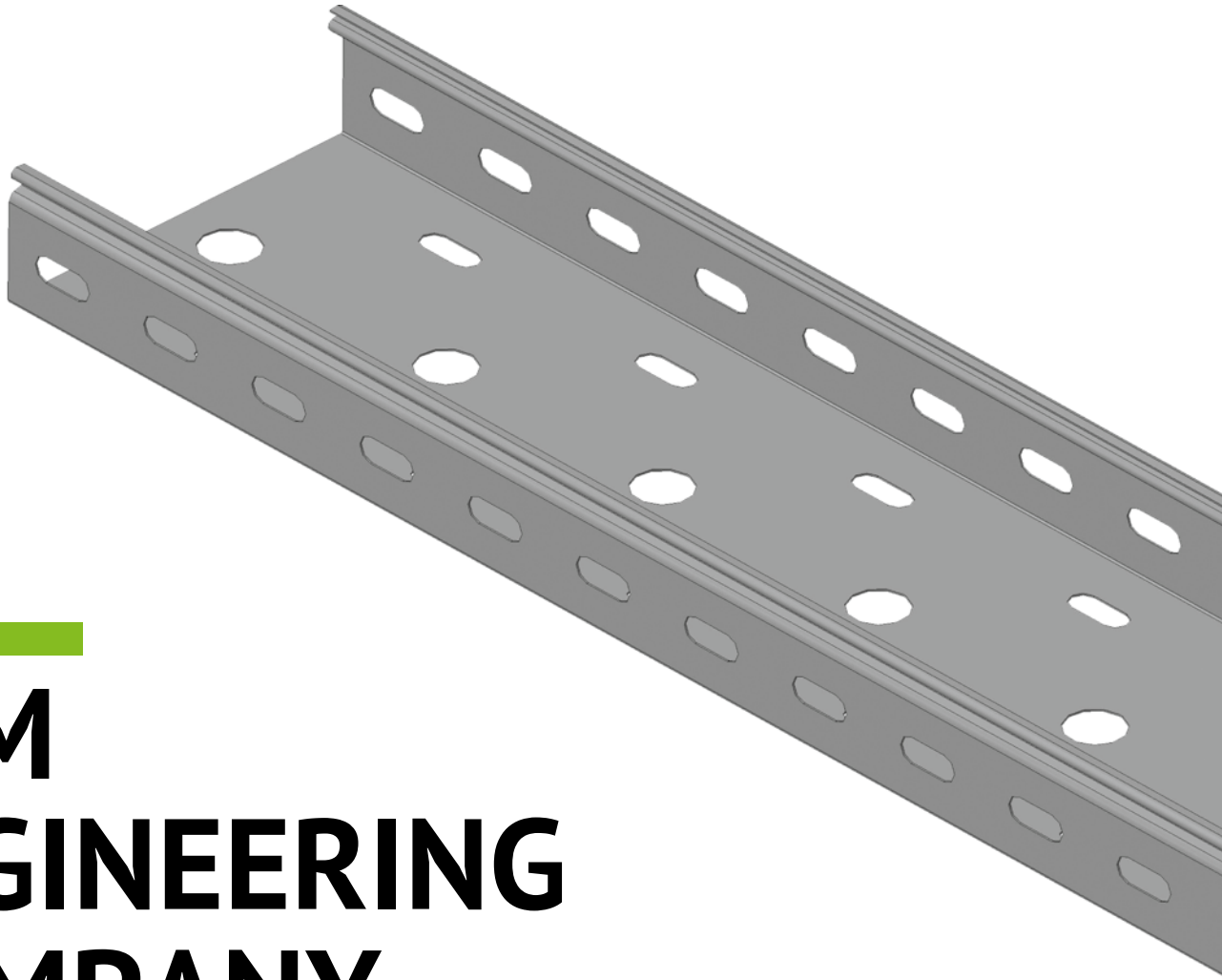
CATALOGUE

2017



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KLM ENGINEERING COMPANY

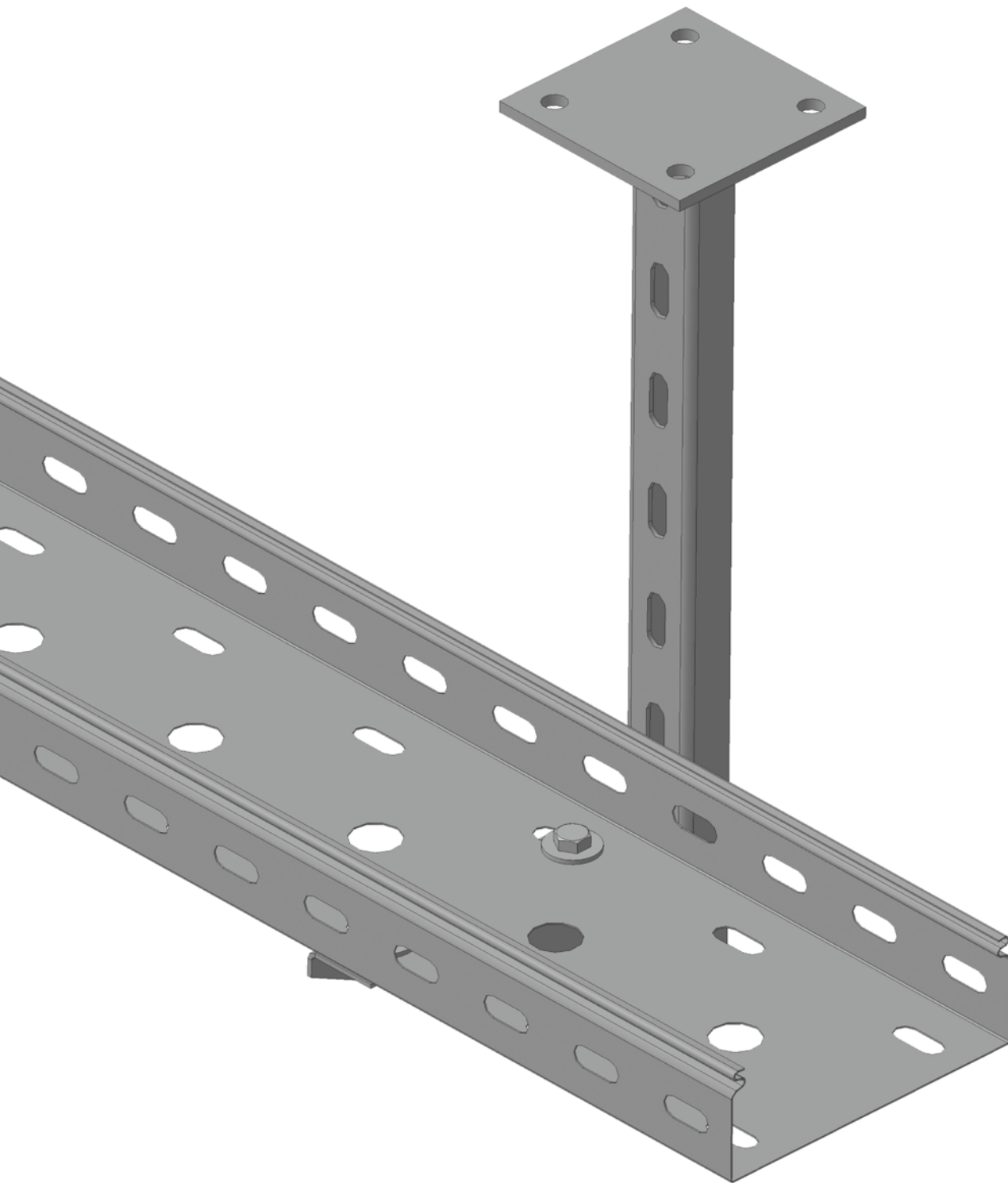
Cable tray production.

KLM Engineering started cable tray production since 2015 in order to provide set of electrical and installation solutions for projects of any complexity.

There are several types of cable tray, including perforated, imperforated, ladder, wire mash, cable trays, produced with hot dip galvanizing method, and cable trays made of stainless steel. Besides, fixing units for busbar systems are also offered.

Materials suppliers are Severstal, NLMK, companies having leading positions in the Russian market.

Range of KLM cable tray products include 3000 items, therefore our products are applied in different projects of industrial, sport, energy, construction, petrol&gas field.



Products are tested and certified according to GOST and EAC. It means product was tested within required quality control.

PERFORATED AND IMPERFORATED CABLE TRAYS

These cable trays are made of cold rolled and mild steel of 08 PS (GOST 14918-80), with thickness 0,55–2 mm, galvanized (T. Sendzimir method). These cable trays are used for cable line and insulated wires (maximum 1000V in the load-bearing structures) laying and protection.

Straight units of steel cable tray (or cable junction box, in case of tray with cover) are targeted at conductors and cables laying in the straight line cable route. Additionally cable trays can be packaged with covers.

Depends on purpose of application and outdoor conditions of cable route maintenance, cable trays are classified with following features:

1. availability of holes;
2. availability of interlocking end with cover;
3. cable tray dimension;
4. male-female connectors.

Sheet cable tray is used for outdoor, indoor installation of industrial, shopping, residential buildings. Open type of cable trays provides easy maintenance of electrical and low-current system and develop it.

Straight units of cable trays are targeted at cable laying in the straight cable route, and different combinations of straight units, angles and elbows allow all possible layouts for cable route.

There is a wide range of route direction change units, like as T-shaped unit, X-typed unit, horizontal and vertical angles and adapters.

Different joint units are used for connection the straight and shaped units.

Cables can be separated inside of cable trays via special dividers (perforated and imperforated ones).

KLM-L CTPL cable trays are perforated by basement and sides, which provides internal ventilation and exclude humidity condensation at temperature change. Perforated and imperforated cable tray has holes only for joint units.

Cable trays can be packaged with covers if necessary. KLM-L CTPL cable trays's cover is performed with special interlocking end, which provides reliable connection.

Structure consists of following:

1. Galvanized steel.
2. Cold rolled steel.
3. "Coat" cover.
4. Powder painting.
5. Hot dip galvanized method.

Type of climatic category

UZ, UHL 2,5, UT1,5.

Cable trays dimension

Width of cable tray base

50 / 100 / 150 / 200 / 300 / 400 / 500 / 600 (mm)

Height

50 / 60 / 70 / 80 / 100 (mm)

Steel thickness

0,55 / 0,7 / 0,8 / 1,0 / 1,2 / 1,5 / 2,0 (mm)

Cable tray length

2000 / 2500 / 3000 (mm)

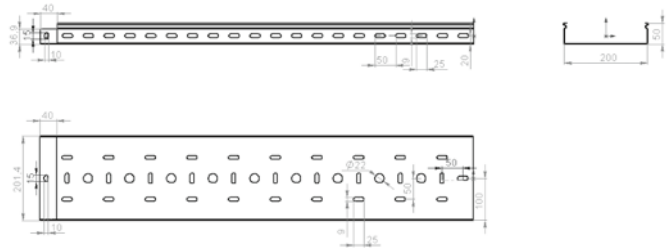
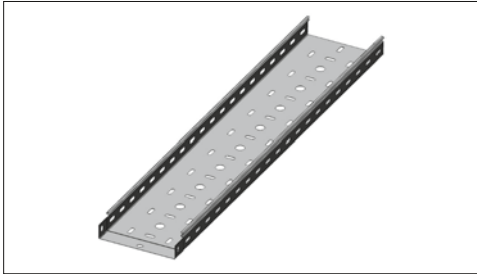
Note: dimension (height and width) error can be maximum 3 mm.

Cable trays with non-standart dimension can be prepared upon agreement.

PERFORATED CABLE TRAY

KLM-E CTPL

KLM-E CTPL 200x50



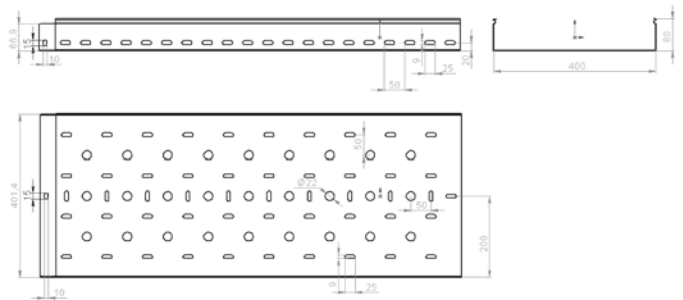
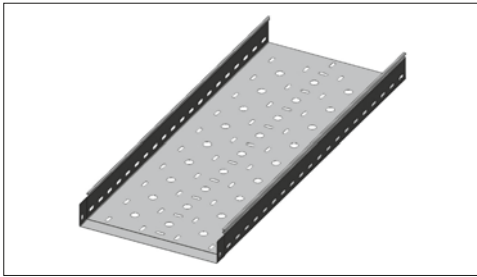
Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Perforated cable tray, with interlocking ends	KLM-E CTPL 50x50x0.55-3000	6	0,78	50	50	0,55
	KLM-E CTPL 50x50x0.7-3000	6	0,93	50	50	0,7
	KLM-E CTPL 50x50x1-3000	6	1,32	50	50	1,0
	KLM-E CTPL 50x50x1.2-3000	6	1,60	50	50	1,2
	KLM-E CTPL 50x50x1.5-3000	6	1,98	50	50	1,5
Perforated cable tray, with interlocking ends	KLM-E CTPL 100x50x0.55-3000	6	0,98	100	50	0,55
	KLM-E CTPL 100x50x0.7-3000	6	1,21	100	50	0,7
	KLM-E CTPL 100x50x1-3000	6	1,71	100	50	1,0
	KLM-E CTPL 100x50x1.2-3000	6	2,07	100	50	1,2
	KLM-E CTPL 100x50x1.5-3000	6	2,45	100	60	1,5
	KLM-E CTPL 100x60x0.7-3000	6	1,34	100	60	0,7
	KLM-E CTPL 100x60x1-3000	6	1,90	100	60	1,0
	KLM-E CTPL 100x60x1.2-3000	6	2,26	100	60	1,2
	KLM-E CTPL 100x60x1.5-3000	6	2,80	100	60	1,5
	KLM-E CTPL 100x70x0.7-3000	6	1,44	100	70	0,7
	KLM-E CTPL 100x70x1-3000	6	2,04	100	70	1,0
	KLM-E CTPL 100x70x1.2-3000	6	2,46	100	70	1,2
	KLM-E CTPL 100x70x1.5-3000	6	3,04	100	70	1,5
	KLM-E CTPL 100x80x0.7-3000	6	1,54	100	70	0,7
	KLM-E CTPL 100x80x1-3000	6	2,18	100	80	1,0
	KLM-E CTPL 100x80x1.2-3000	6	2,65	100	80	1,2
	KLM-E CTPL 100x80x1.5-3000	6	3,28	100	80	1,5
	KLM-E CTPL 100x100x0.7-3000	6	1,76	100	100	0,7
	KLM-E CTPL 100x100x1-3000	6	2,50	100	100	1,0
	KLM-E CTPL 100x100x1.2-3000	6	3,01	100	100	1,2
KLM-E CTPL 100x100x1.5-3000	6	3,75	100	100	1,5	
Perforated cable tray, with interlocking ends	KLM-E CTPL 150x50x0.55-3000	6	1,32	150	50	0,55
	KLM-E CTPL 150x50x0.7-3000	6	1,48	150	50	0,7
	KLM-E CTPL 150x50x1-3000	6	2,10	150	50	1,0
	KLM-E CTPL 150x50x1.2-3000	6	2,54	150	50	1,2
	KLM-E CTPL 150x50x1.5-3000	6	3,16	150	50	1,5
	KLM-E CTPL 150x60x0.7-3000	6	1,62	150	60	0,7
	KLM-E CTPL 150x60x1-3000	6	2,29	150	60	1,0
	KLM-E CTPL 150x60x1.2-3000	6	2,73	150	60	1,2

Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CTPL 150x60x1.5-3000	6	3,39	150	60	1,5
	KLM-E CTPL 150x70x0.7-3000	6	1,72	150	70	0,7
	KLM-E CTPL 150x70x1-3000	6	2,43	150	70	1,0
	KLM-E CTPL 150x70x1.2-3000	6	2,93	150	70	1,2
	KLM-E CTPL 150x70x1.5-3000	6	3,63	150	70	1,5
	KLM-E CTPL 150x80x0.7-3000	6	1,81	150	80	0,7
	KLM-E CTPL 150x80x1-3000	6	2,57	150	80	1,0
	KLM-E CTPL 150x80x1.2-3000	6	3,12	150	80	1,2
	KLM-E CTPL 150x80x1.5-3000	6	3,86	150	80	1,5
	KLM-E CTPL 150x100x0.7-3000	6	2,03	150	100	0,7
	KLM-E CTPL 150x100x1-3000	6	2,89	150	100	1,0
	KLM-E CTPL 150x100x1.2-3000	6	3,50	150	100	1,2
	KLM-E CTPL 150x100x1.5-3000	6	4,35	150	100	1,5
	KLM-E CTPL 150x150x0.7-3000	6	2,58	150	150	0,7
	KLM-E CTPL 150x150x1-3000	6	3,68	150	150	1,0
	KLM-E CTPL 150x150x1.2-3000	6	4,44	150	150	1,2
	KLM-E CTPL 150x150x1.5-3000	6	5,52	150	150	1,5
Perforated cable tray, with interlocking ends	KLM-E CTPL 200x50x0.7-3000	6	1,76	200	50	0,7
	KLM-E CTPL 200x50x1-3000	6	2,50	200	50	1,0
	KLM-E CTPL 200x50x1.2-3000	6	3,01	200	50	1,2
	KLM-E CTPL 200x50x1.5-3000	6	3,70	200	50	1,5
	KLM-E CTPL 200x60x0.7-3000	6	1,89	200	60	0,7
	KLM-E CTPL 200x60x1-3000	6	2,68	200	60	1,0
	KLM-E CTPL 200x60x1.2-3000	6	3,20	200	60	1,2
	KLM-E CTPL 200x60x1.5-3000	6	3,98	200	60	1,5
	KLM-E CTPL 200x70x0.7-3000	6	1,99	200	70	0,7
	KLM-E CTPL 200x70x1-3000	6	2,83	200	70	1,0
	KLM-E CTPL 200x70x1.2-3000	6	3,39	200	70	1,2
	KLM-E CTPL 200x70x1.5-3000	6	4,20	200	70	1,5
	KLM-E CTPL 200x80x0.7-3000	6	2,09	200	80	0,7
	KLM-E CTPL 200x80x1-3000	6	2,98	200	80	1,0
	KLM-E CTPL 200x80x1.2-3000	6	3,58	200	80	1,2
	KLM-E CTPL 200x80x1.5-3000	6	4,41	200	80	1,5
	KLM-E CTPL 200x100x0.7-3000	6	2,31	200	100	0,7
	KLM-E CTPL 200x100x1-3000	6	3,29	200	100	1,0
	KLM-E CTPL 200x100x1.2-3000	6	3,97	200	100	1,2
	KLM-E CTPL 200x100x1.5-3000	6	4,93	200	100	1,5
	KLM-E CTPL 200x150x0.7-3000	6	2,82	200	150	0,7
	KLM-E CTPL 200x150x1-3000	6	4,02	200	150	1,0
	KLM-E CTPL 200x150x1.2-3000	6	4,80	200	150	1,2
	KLM-E CTPL 200x150x1.5-3000	6	5,98	200	150	1,5
KLM-E CTPL 200x200x0.7-3000	6	3,40	200	200	0,7	
KLM-E CTPL 200x200x1-3000	6	4,85	200	200	1,0	
KLM-E CTPL 200x200x1.2-3000	6	5,85	200	200	1,2	
KLM-E CTPL 200x200x1.5-3000	6	7,30	200	200	1,5	

KLM-E CTPL 400x80



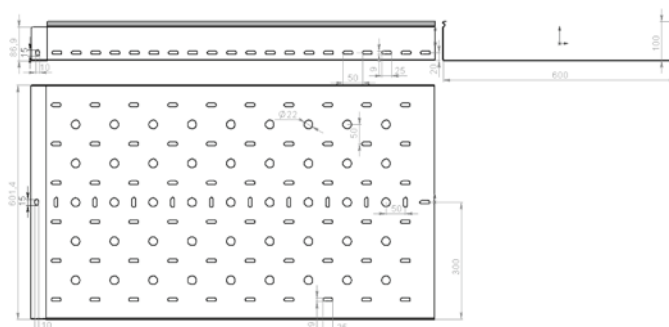
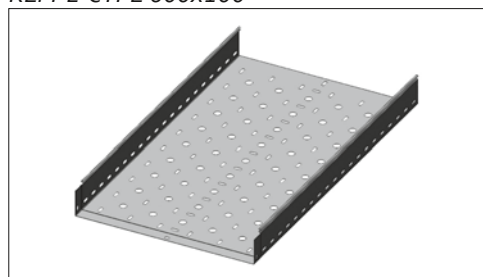
Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Perforated cable tray, with interlocking ends	KLM-E CTPL 300x50x0.7-3000	6	2,30	300	50	0,7
	KLM-E CTPL 300x50x1-3000	6	3,30	300	50	1,0
	KLM-E CTPL 300x50x1.2-3000	6	3,91	300	50	1,2
	KLM-E CTPL 300x50x1.5-3000	6	4,90	300	50	1,5
	KLM-E CTPL 300x60x0.7-3000	6	2,44	300	60	0,7
	KLM-E CTPL 300x60x1-3000	6	3,47	300	60	1,0
	KLM-E CTPL 300x60x1.2-3000	6	4,14	300	60	1,2
	KLM-E CTPL 300x60x1.5-3000	6	5,16	300	60	1,5
	KLM-E CTPL 300x70x0.7-3000	6	2,55	300	70	0,7
	KLM-E CTPL 300x70x1-3000	6	3,62	300	70	1,0
	KLM-E CTPL 300x70x1.2-3000	6	4,32	300	70	1,2
	KLM-E CTPL 300x70x1.5-3000	6	5,39	300	70	1,5
	KLM-E CTPL 300x80x0.7-3000	6	2,65	300	80	0,7
	KLM-E CTPL 300x80x1-3000	6	3,76	300	80	1,0
	KLM-E CTPL 300x80x1.2-3000	6	4,50	300	80	1,2
	KLM-E CTPL 300x80x1.5-3000	6	5,62	300	80	1,5
	KLM-E CTPL 300x100x0.7-3000	6	2,87	300	100	0,7
	KLM-E CTPL 300x100x1-3000	6	4,08	300	100	1,0
	KLM-E CTPL 300x100x1.2-3000	6	4,90	300	100	1,2
	KLM-E CTPL 300x100x1.5-3000	6	6,13	300	100	1,5
	KLM-E CTPL 300x150x0.7-3000	6	3,40	300	150	0,7
	KLM-E CTPL 300x150x1-3000	6	4,85	300	150	1,0
	KLM-E CTPL 300x150x1.2-3000	6	5,81	300	150	1,2
	KLM-E CTPL 300x150x1.5-3000	6	7,30	300	150	1,5
KLM-E CTPL 300x200x0.7-3000	6	3,97	300	200	0,7	
KLM-E CTPL 300x200x1-3000	6	5,59	300	200	1,0	
KLM-E CTPL 300x200x1.2-3000	6	6,80	300	200	1,2	
KLM-E CTPL 300x200x1.5-3000	6	8,40	300	200	1,5	
Perforated cable tray, with interlocking ends	KLM-E CTPL 400x50x0.7-3000	6	2,87	400	50	0,7
	KLM-E CTPL 400x50x1-3000	6	4,00	400	50	1,0
	KLM-E CTPL 400x50x1.2-3000	6	4,90	400	50	1,2
	KLM-E CTPL 400x50x1.5-3000	6	6,02	400	50	1,5
	KLM-E CTPL 400x60x0.7-3000	6	2,99	400	60	0,7
	KLM-E CTPL 400x60x1-3000	6	4,25	400	60	1,0
	KLM-E CTPL 400x60x1.2-3000	6	5,09	400	60	1,2
	KLM-E CTPL 400x60x1.5-3000	6	6,33	400	60	1,5
	KLM-E CTPL 400x70x0.7-3000	6	3,10	400	70	0,7
	KLM-E CTPL 400x70x1-3000	6	4,40	400	70	1,0
	KLM-E CTPL 400x70x1.2-3000	6	5,25	400	70	1,2
	KLM-E CTPL 400x70x1.5-3000	6	6,57	400	70	1,5

Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CTPL 400x80x0.7-3000	6	3,21	400	80	0,7
	KLM-E CTPL 400x80x1-3000	6	4,55	400	80	1,0
	KLM-E CTPL 400x80x1.2-3000	6	5,41	400	80	1,2
	KLM-E CTPL 400x80x1.5-3000	6	6,80	400	80	1,5
	KLM-E CTPL 400x100x0.7-3000	6	3,40	400	100	0,7
	KLM-E CTPL 400x100x1-3000	6	4,85	400	100	1,0
	KLM-E CTPL 400x100x1.2-3000	6	5,81	400	100	1,2
	KLM-E CTPL 400x100x1.5-3000	6	7,30	400	100	1,5
	KLM-E CTPL 400x150x0.7-3000	6	3,97	400	150	0,7
	KLM-E CTPL 400x150x1-3000	6	5,59	400	150	1,0
	KLM-E CTPL 400x150x1.2-3000	6	6,80	400	150	1,2
	KLM-E CTPL 400x150x1.5-3000	6	8,40	400	150	1,5
	KLM-E CTPL 400x200x0.7-3000	6	4,50	400	200	0,7
	KLM-E CTPL 400x200x1-3000	6	6,41	400	200	1,0
	KLM-E CTPL 400x200x1.2-3000	6	7,69	400	200	1,2
	KLM-E CTPL 400x200x1.5-3000	6	9,62	400	200	1,5

KLM-E CTPL 600x100



Technical specification

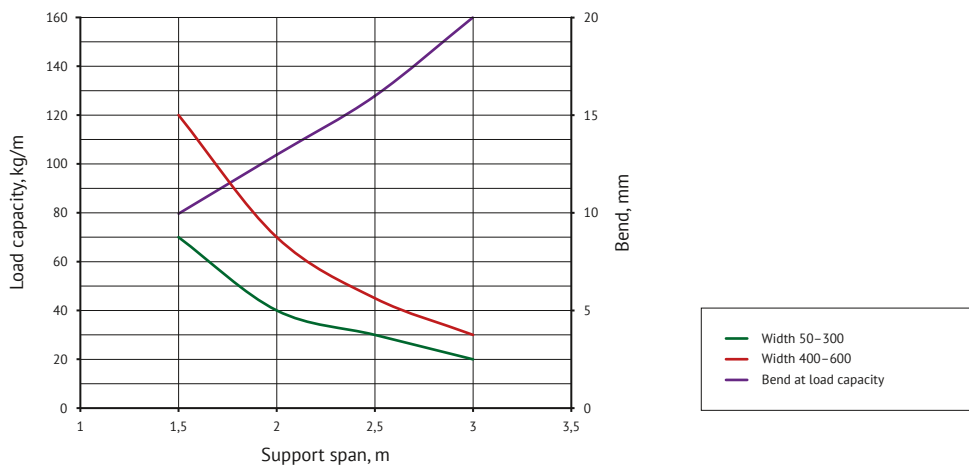
Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Perforated cable tray, with interlocking ends	KLM-E CTPL 500x50x1-3000	6	4,90	500	50	1,0
	KLM-E CTPL 500x50x1.2-3000	6	5,81	500	50	1,2
	KLM-E CTPL 500x50x1.5-3000	6	7,30	500	50	1,5
	KLM-E CTPL 500x60x1-3000	6	5,04	500	60	1,0
	KLM-E CTPL 500x60x1.2-3000	6	6,03	500	60	1,2
	KLM-E CTPL 500x60x1.5-3000	6	7,51	500	60	1,5
	KLM-E CTPL 500x70x1-3000	6	5,18	500	70	1,0
	KLM-E CTPL 500x70x1.2-3000	6	6,22	500	70	1,2
	KLM-E CTPL 500x70x1.5-3000	6	7,70	500	70	1,5
	KLM-E CTPL 500x80x1-3000	6	5,32	500	80	1,0
	KLM-E CTPL 500x80x1.2-3000	6	6,41	500	80	1,2
	KLM-E CTPL 500x80x1.5-3000	6	7,89	500	80	1,5
	KLM-E CTPL 500x100x1-3000	6	5,59	500	100	1,0
	KLM-E CTPL 500x100x1.2-3000	6	6,80	500	100	1,2
	KLM-E CTPL 500x100x1.5-3000	6	8,40	500	100	1,5
	KLM-E CTPL 500x150x1-3000	6	6,41	500	150	1,0
	KLM-E CTPL 500x150x1.2-3000	6	7,69	500	150	1,2
KLM-E CTPL 500x150x1.5-3000	6	9,62	500	150	1,5	
KLM-E CTPL 500x200x1-3000	6	7,25	500	200	1,0	

Technical specification

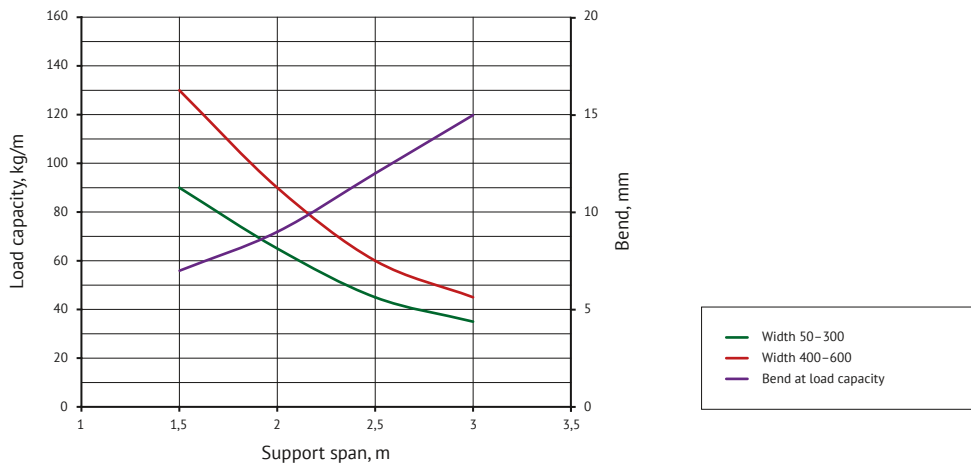
Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CTPL 500x200x1.2-3000	6	8,57	500	200	1,2
	KLM-E CTPL 500x200x1.5-3000	6	10,69	500	200	1,5
Perforated cable tray, with interlocking ends	KLM-E CTPL 600x50x1-3000	6	5,65	600	50	1,0
	KLM-E CTPL 600x50x1.2-3000	6	6,80	600	50	1,2
	KLM-E CTPL 600x50x1.5-3000	6	8,70	600	50	1,5
	KLM-E CTPL 600x60x1-3000	6	5,82	600	60	1,0
	KLM-E CTPL 600x60x1.2-3000	6	6,97	600	60	1,2
	KLM-E CTPL 600x60x1.5-3000	6	8,69	600	60	1,5
	KLM-E CTPL 600x70x1-3000	6	5,98	600	70	1,0
	KLM-E CTPL 600x70x1.2-3000	6	7,14	600	70	1,2
	KLM-E CTPL 600x70x1.5-3000	6	8,93	600	70	1,5
	KLM-E CTPL 600x80x1-3000	6	6,13	600	80	1,0
	KLM-E CTPL 600x80x1.2-3000	6	7,30	600	80	1,2
	KLM-E CTPL 600x80x1.5-3000	6	9,17	600	80	1,5
	KLM-E CTPL 600x100x1-3000	6	6,41	600	100	1,0
	KLM-E CTPL 600x100x1.2-3000	6	7,69	600	100	1,2
	KLM-E CTPL 600x100x1.5-3000	6	9,62	600	100	1,5
	KLM-E CTPL 600x150x1-3000	6	7,19	600	150	1,0
	KLM-E CTPL 600x150x1.2-3000	6	9,61	600	150	1,2
	KLM-E CTPL 600x150x1.5-3000	6	10,81	600	150	1,5
	KLM-E CTPL 600x200x1-3000	6	7,99	600	200	1,0
	KLM-E CTPL 600x200x1.2-3000	6	9,52	600	200	1,2
	KLM-E CTPL 600x200x1.5-3000	6	12,05	600	200	1,5

LOAD DIAGRAM

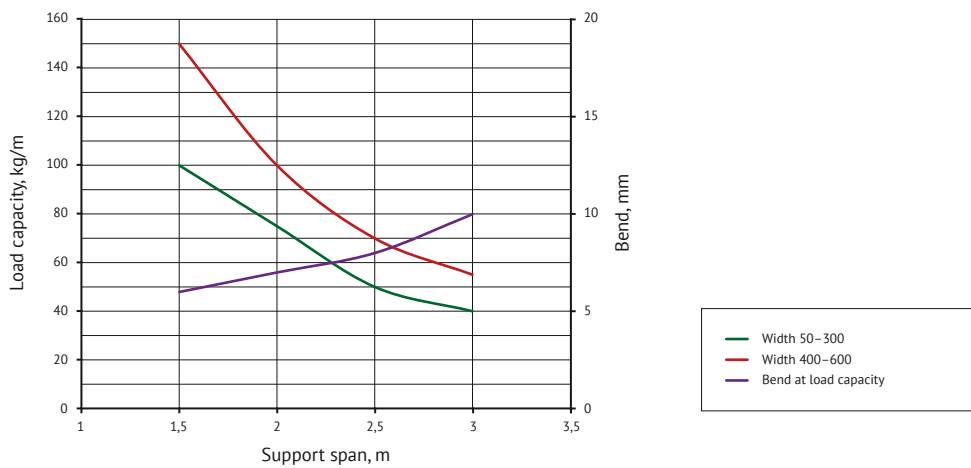
KLM-E CTPL perforated cable tray with side wall 50 mm.



KLM-E CTPL perforated cable tray with side wall 80 mm.



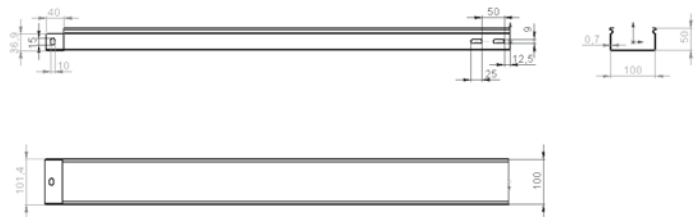
KLM-E CTPL perforated cable tray with side wall 100 mm.



IMPERFORATED CABLE TRAY

KLM-E CTL

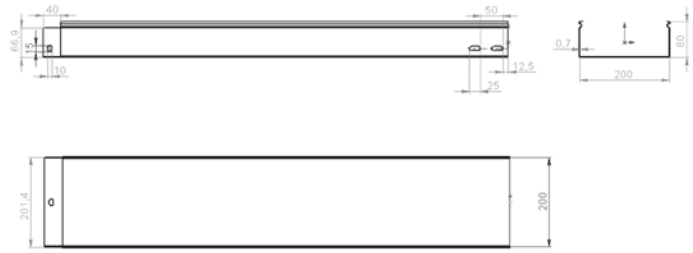
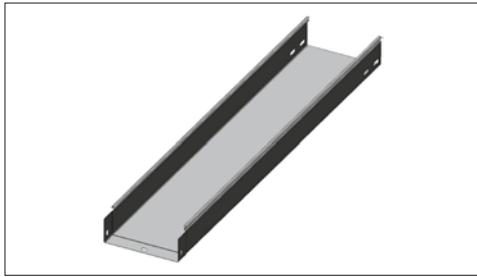
KLM-E CTL 100x50



Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Imperforated cable tray, with interlocking ends	KLM-E CTL 50x50x0.7-3000	6	0,93	50	50	0,7
	KLM-E CTL 50x50x1-3000	6	1,32	50	50	1,0
	KLM-E CTL 50x50x1.2-3000	6	1,60	50	50	1,2
	KLM-E CTL 50x50x1.5-3000	6	1,98	50	50	1,5
Imperforated cable tray, with interlocking ends	KLM-E CTL 100x50x0.7-3000	6	1,21	100	50	0,7
	KLM-E CTL 100x50x1-3000	6	1,71	100	50	1,0
	KLM-E CTL 100x50x1.2-3000	6	2,07	100	50	1,2
	KLM-E CTL 100x50x1.5-3000	6	2,45	100	50	1,5
	KLM-E CTL 100x60x0.7-3000	6	1,34	100	60	0,7
	KLM-E CTL 100x60x1-3000	6	1,90	100	60	1,0
	KLM-E CTL 100x60x1.2-3000	6	2,26	100	60	1,2
	KLM-E CTL 100x60x1.5-3000	6	2,80	100	60	1,5
	KLM-E CTL 100x70x0.7-3000	6	1,44	100	70	0,7
	KLM-E CTL 100x70x1-3000	6	2,04	100	70	1,0
	KLM-E CTL 100x70x1.2-3000	6	2,46	100	70	1,2
	KLM-E CTL 100x70x1.5-3000	6	3,04	100	70	1,5
	KLM-E CTL 100x80x0.7-3000	6	2,02	100	80	0,7
	KLM-E CTL 100x80x1-3000	6	2,18	100	80	1,0
	KLM-E CTL 100x80x1.2-3000	6	2,65	100	80	1,2
	KLM-E CTL 100x80x1.5-3000	6	3,28	100	80	1,5
	KLM-E CTL 100x100x0.7-3000	6	1,76	100	100	0,7
	KLM-E CTL 100x100x1-3000	6	2,50	100	100	1,0
	KLM-E CTL 100x100x1.2-3000	6	3,01	100	100	1,2
	KLM-E CTL 100x100x1.5-3000	6	3,75	100	100	1,5
Imperforated cable tray, with interlocking ends	KLM-E CTL 150x50x0.7-3000	6	1,48	150	50	0,7
	KLM-E CTL 150x50x1-3000	6	2,10	150	50	1,0
	KLM-E CTL 150x50x1.2-3000	6	2,54	150	50	1,2
	KLM-E CTL 150x50x1.5-3000	6	3,16	150	50	1,5
	KLM-E CTL 150x60x0.7-3000	6	1,62	150	60	0,7
	KLM-E CTL 150x60x1-3000	6	2,29	150	60	1,0
	KLM-E CTL 150x60x1.2-3000	6	2,73	150	60	1,2
	KLM-E CTL 150x60x1.5-3000	6	3,39	150	60	1,5
	KLM-E CTL 150x70x0.7-3000	6	1,72	150	70	0,7
	KLM-E CTL 150x70x1-3000	6	2,43	150	70	1,0
	KLM-E CTL 150x70x1.2-3000	6	2,93	150	70	1,2
	KLM-E CTL 150x70x1.5-3000	6	3,63	150	70	1,5
	KLM-E CTL 150x80x0.7-3000	6	1,81	150	80	0,7
	KLM-E CTL 150x80x1-3000	6	2,57	150	80	1,0
	KLM-E CTL 150x80x1.2-3000	6	3,12	150	80	1,2
	KLM-E CTL 150x80x1.5-3000	6	3,86	150	80	1,5
	KLM-E CTL 150x100x0.7-3000	6	2,03	150	100	0,7
	KLM-E CTL 150x100x1-3000	6	2,89	150	100	1,0
	KLM-E CTL 150x100x1.2-3000	6	3,50	150	100	1,2
	KLM-E CTL 150x100x1.5-3000	6	4,35	150	100	1,5
KLM-E CTL 150x150x0.7-3000	6	2,58	150	150	0,7	
KLM-E CTL 150x150x1-3000	6	3,68	150	150	1,0	
KLM-E CTL 150x150x1.2-3000	6	4,44	150	150	1,2	
KLM-E CTL 150x150x1.5-3000	6	5,52	150	150	1,5	

KLM-E CTL 200x80



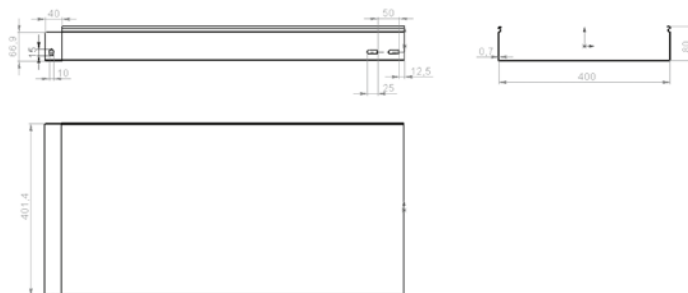
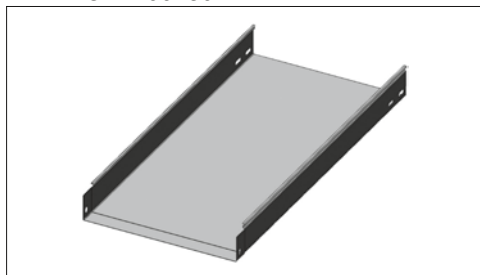
Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CTL 200x50x0.7-3000	6	1,76	200	50	0,7
	KLM-E CTL 200x50x1-3000	6	2,50	200	50	1,0
	KLM-E CTL 200x50x1.2-3000	6	3,01	200	50	1,2
	KLM-E CTL 200x50x1.5-3000	6	3,70	200	50	1,5
	KLM-E CTL 200x60x0.7-3000	6	1,89	200	60	0,7
	KLM-E CTL 200x60x1-3000	6	2,68	200	60	1,0
	KLM-E CTL 200x60x1.2-3000	6	3,20	200	60	1,2
	KLM-E CTL 200x60x1.5-3000	6	3,98	200	60	1,5
	KLM-E CTL 200x70x0.7-3000	6	1,99	200	70	0,7
	KLM-E CTL 200x70x1-3000	6	2,83	200	70	1,0
	KLM-E CTL 200x70x1.2-3000	6	3,39	200	70	1,2
	KLM-E CTL 200x70x1.5-3000	6	4,20	200	70	1,5
	KLM-E CTL 200x80x0.7-3000	6	2,09	200	80	0,7
	KLM-E CTL 200x80x1-3000	6	2,98	200	80	1,0
	KLM-E CTL 200x80x1.2-3000	6	3,58	200	80	1,2
	KLM-E CTL 200x80x1.5-3000	6	4,41	200	80	1,5
	KLM-E CTL 200x100x0.7-3000	6	2,31	200	100	0,7
	KLM-E CTL 200x100x1-3000	6	3,29	200	100	1,0
	KLM-E CTL 200x100x1.2-3000	6	3,97	200	100	1,2
	KLM-E CTL 200x100x1.5-3000	6	4,93	200	100	1,5
	KLM-E CTL 200x150x0.7-3000	6	2,82	200	150	0,7
	KLM-E CTL 200x150x1-3000	6	4,02	200	150	1,0
	KLM-E CTL 200x150x1.2-3000	6	4,80	200	150	1,2
	KLM-E CTL 200x150x1.5-3000	6	5,98	200	150	1,5
	KLM-E CTL 200x200x0.7-3000	6	3,40	200	200	0,7
	KLM-E CTL 200x200x1-3000	6	4,85	200	200	1,0
	KLM-E CTL 200x200x1.2-3000	6	5,85	200	200	1,2
	KLM-E CTL 200x200x1.5-3000	6	7,30	200	200	1,5
Imperforated cable tray, with interlocking ends	KLM-E CTL 300x50x0.7-3000	6	2,30	300	50	0,7
	KLM-E CTL 300x50x1-3000	6	3,30	300	50	1,0
	KLM-E CTL 300x50x1.2-3000	6	3,91	300	50	1,2
	KLM-E CTL 300x50x1.5-3000	6	4,90	300	50	1,5
	KLM-E CTL 300x60x0.7-3000	6	2,44	300	60	0,7
	KLM-E CTL 300x60x1-3000	6	3,47	300	60	1,0
	KLM-E CTL 300x60x1.2-3000	6	4,14	300	60	1,2
	KLM-E CTL 300x60x1.5-3000	6	5,16	300	60	1,5
	KLM-E CTL 300x70x0.7-3000	6	2,55	300	70	0,7
	KLM-E CTL 300x70x1-3000	6	3,62	300	70	1,0
	KLM-E CTL 300x70x1.2-3000	6	4,32	300	70	1,2
	KLM-E CTL 300x70x1.5-3000	6	5,39	300	70	1,5

Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CTL 300x80x0.7-3000	6	2,65	300	80	0,7
	KLM-E CTL 300x80x1-3000	6	3,76	300	80	1,0
	KLM-E CTL 300x80x1.2-3000	6	4,50	300	80	1,2
	KLM-E CTL 300x80x1.5-3000	6	5,62	300	80	1,5
	KLM-E CTL 300x100x0.7-3000	6	2,87	300	100	0,7
	KLM-E CTL 300x100x1-3000	6	4,08	300	100	1,0
	KLM-E CTL 300x100x1.2-3000	6	4,90	300	100	1,2
	KLM-E CTL 300x100x1.5-3000	6	6,13	300	100	1,5
	KLM-E CTL 300x150x0.7-3000	6	3,40	300	150	0,7
	KLM-E CTL 300x150x1-3000	6	4,85	300	150	1,0
	KLM-E CTL 300x150x1.2-3000	6	5,81	300	150	1,2
	KLM-E CTL 300x150x1.5-3000	6	7,30	300	150	1,5
	KLM-E CTL 300x200x0.7-3000	6	3,97	300	200	0,7
	KLM-E CTL 300x200x1-3000	6	5,59	300	200	1,0
	KLM-E CTL 300x200x1.2-3000	6	6,80	300	200	1,2
	KLM-E CTL 300x200x1.5-3000	6	8,40	300	200	1,5

KLM-E CTL 400x80



Technical specification

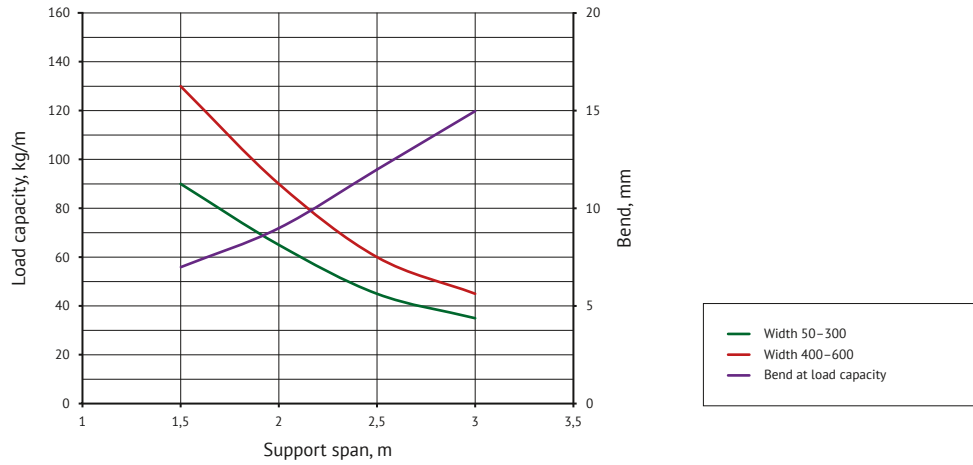
Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Imperforated cable tray, with interlocking ends	KLM-E CTL 400x50x0.7-3000	6	2,87	400	50	0,7
	KLM-E CTL 400x50x1-3000	6	4,00	400	50	1,0
	KLM-E CTL 400x50x1.2-3000	6	4,90	400	50	1,2
	KLM-E CTL 400x50x1.5-3000	6	6,02	400	50	1,5
	KLM-E CTL 400x60x0.7-3000	6	2,99	400	60	0,7
	KLM-E CTL 400x60x1-3000	6	4,25	400	60	1,0
	KLM-E CTL 400x60x1.2-3000	6	5,09	400	60	1,2
	KLM-E CTL 400x60x1.5-3000	6	6,33	400	60	1,5
	KLM-E CTL 400x70x0.7-3000	6	3,10	400	70	0,7
	KLM-E CTL 400x70x1-3000	6	4,40	400	70	1,0
	KLM-E CTL 400x70x1.2-3000	6	5,25	400	70	1,2
	KLM-E CTL 400x70x1.5-3000	6	6,57	400	70	1,5
	KLM-E CTL 400x80x0.7-3000	6	3,21	400	80	0,7
	KLM-E CTL 400x80x1-3000	6	4,55	400	80	1,0
	KLM-E CTL 400x80x1.2-3000	6	5,41	400	80	1,2
	KLM-E CTL 400x80x1.5-3000	6	6,80	400	80	1,5
	KLM-E CTL 400x100x0.7-3000	6	3,40	400	100	0,7
	KLM-E CTL 400x100x1-3000	6	4,85	400	100	1,0
	KLM-E CTL 400x100x1.2-3000	6	5,81	400	100	1,2
	KLM-E CTL 400x100x1.5-3000	6	7,30	400	100	1,5

Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm	
	KLM-E CTL 400x150x0.7-3000	6	3,97	400	150	0,7	
	KLM-E CTL 400x150x1-3000	6	5,59	400	150	1,0	
	KLM-E CTL 400x150x1.2-3000	6	6,80	400	150	1,2	
	KLM-E CTL 400x150x1.5-3000	6	8,40	400	150	1,5	
	KLM-E CTL 400x200x0.7-3000	6	4,50	400	200	0,7	
	KLM-E CTL 400x200x1-3000	6	6,41	400	200	1,0	
	KLM-E CTL 400x200x1.2-3000	6	7,69	400	200	1,2	
	KLM-E CTL 400x200x1.5-3000	6	9,62	400	200	1,5	
Imperforated cable tray, with interlocking ends	KLM-E CTL 500x50x1-3000	6	4,90	500	50	1,0	
	KLM-E CTL 500x50x1.2-3000	6	5,81	500	50	1,2	
	KLM-E CTL 500x50x1.5-3000	6	7,30	500	50	1,5	
	KLM-E CTL 500x60x1-3000	6	5,04	500	60	1,0	
	KLM-E CTL 500x60x1.2-3000	6	6,03	500	60	1,2	
	KLM-E CTL 500x60x1.5-3000	6	7,51	500	60	1,5	
	KLM-E CTL 500x70x1-3000	6	5,18	500	70	1,0	
	KLM-E CTL 500x70x1.2-3000	6	6,22	500	70	1,2	
	KLM-E CTL 500x70x1.5-3000	6	7,70	500	70	1,5	
	KLM-E CTL 500x80x1-3000	6	5,32	500	80	1,0	
	KLM-E CTL 500x80x1.2-3000	6	6,41	500	80	1,2	
	KLM-E CTL 500x80x1.5-3000	6	7,89	500	80	1,5	
	KLM-E CTL 500x100x1-3000	6	5,59	500	100	1,0	
	KLM-E CTL 500x100x1.2-3000	6	6,80	500	100	1,2	
	KLM-E CTL 500x100x1.5-3000	6	8,40	500	100	1,5	
	KLM-E CTL 500x150x1-3000	6	6,41	500	150	1,0	
	KLM-E CTL 500x150x1.2-3000	6	7,69	500	150	1,2	
	KLM-E CTL 500x150x1.5-3000	6	9,62	500	150	1,5	
	Imperforated cable tray, with interlocking ends	KLM-E CTL 600x50x1-3000	6	5,65	600	50	1,0
KLM-E CTL 600x50x1.2-3000		6	6,80	600	50	1,2	
KLM-E CTL 600x50x1.5-3000		6	8,70	600	50	1,5	
KLM-E CTL 600x60x1-3000		6	5,82	600	60	1,0	
KLM-E CTL 600x60x1.2-3000		6	6,97	600	60	1,2	
KLM-E CTL 600x60x1.5-3000		6	8,69	600	60	1,5	
KLM-E CTL 600x70x1-3000		6	5,98	600	70	1,0	
KLM-E CTL 600x70x1.2-3000		6	7,14	600	70	1,2	
KLM-E CTL 600x70x1.5-3000		6	8,93	600	70	1,5	
KLM-E CTL 600x80x1-3000		6	6,13	600	80	1,0	
KLM-E CTL 600x80x1.2-3000		6	7,30	600	80	1,2	
KLM-E CTL 600x80x1.5-3000		6	9,17	600	80	1,5	
KLM-E CTL 600x100x1-3000		6	6,41	600	100	1,0	
KLM-E CTL 600x100x1.2-3000		6	7,69	600	100	1,2	
KLM-E CTL 600x100x1.5-3000		6	9,62	600	100	1,5	
KLM-E CTL 600x150x1-3000		6	7,19	600	150	1,0	
KLM-E CTL 600x150x1.2-3000		6	9,61	600	150	1,2	
KLM-E CTL 600x150x1.5-3000		6	10,81	600	150	1,5	
KLM-E CTL 600x200x1-3000		6	7,99	600	200	1,0	
KLM-E CTL 600x200x1.2-3000		6	9,52	600	200	1,2	
KLM-E CTL 600x200x1.5-3000	6	12,05	600	200	1,5		

LOAD DIAGRAM

KLM-E CTL imperforated cable tray with side wall 80 mm.



WIRE MASH CABLE TRAY

Wire mash cable tray TU 3449-001-91444636-11 is made of wire (GOST 3282-74), Ni covered with hot-dip galvanization (T.Senzimir method) GOST 9.307-89, and targeted at route with maximum 1000 V, power and low-current cable laying inside of building. It is used under the false ceiling.

Easy installation with minimum supplements, excellent ventilation, which provides low probability of over heating case, all these are advantages of wire mash cable tray.

Structure consists of following:

1. Sendzimir (standard method), always available in a warehouse!
2. Galvanized.
3. Powder painting.
4. Hot-dip galvanization.
5. Cable tray of AISI-304 INOX stainless wire, always available in a warehouse!

Note: all covers could be done of strengthened wire of 5 mm.

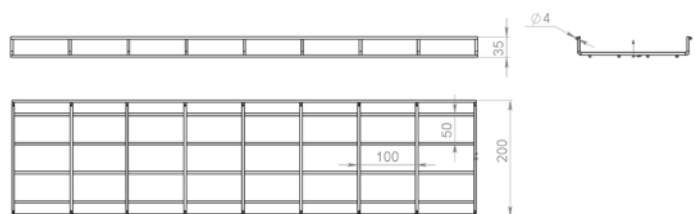
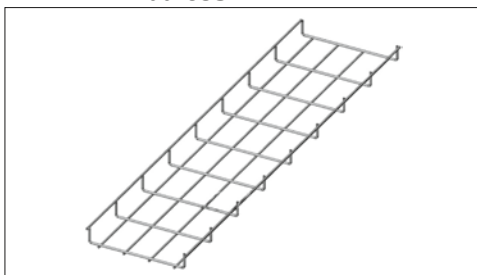
Hot-dip galvanization is one of the first KLM wire mash cable tray production stage, therefore wire mash cable trays have high resistance to outdoor conditions (double Ni cover, two-three times longer operating life in comparison with cable trays after galvanization). Average Ni cover thickness is 18–20 mcm, at least 50 gr/sqm. Protection properties of Ni cover are saved at least 10 years at outdoor mild climate condition.

Wire mash cable tray are welded with automatic multi-electrode devices (inverter welding technology), i.e. Ni cover is kept in the welding points, due to special method Ni cover is extended with near wire heating.

WIRE MASH CABLE TRAY

KLM-E TTK

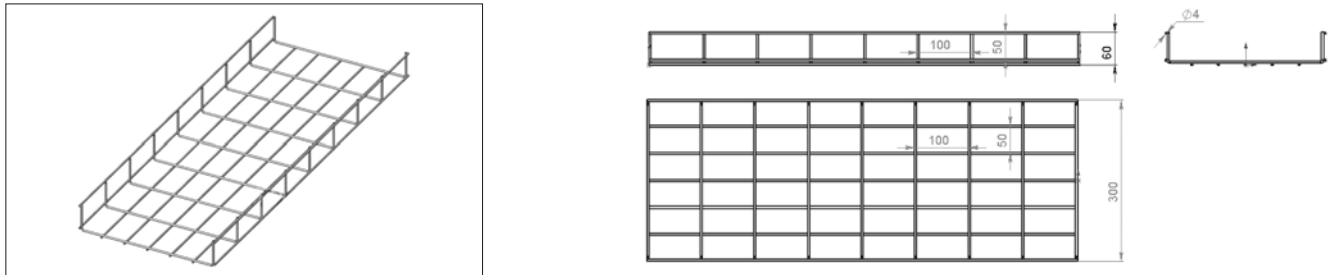
KLM-E TTK 200x35SZ



Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Wire mesh cable tray	KLM-E TTK 50x35SZ	18	0,49	50	35	4
	KLM-E TTK 70x50SZ	18	0,49	70	35	4
	KLM-E TTK 100x35SZ	30	0,49	100	35	4
	KLM-E TTK 150x35SZ	6	0,76	150	35	4
	KLM-E TTK 200x35SZ	6	0,76	200	35	4
	KLM-E TTK 300x35SZ	6	1,04	300	35	4
	KLM-E TTK 400x35SZ	6	1,31	400	35	4
	KLM-E TTK 500x35SZ	6	1,58	500	35	4

KLM-E TTK 300x60SZ



Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Wire mesh cable tray	KLM-E TTK 60x60SZ	18	0,49	60	60	4
	KLM-E TTK 100x60SZ	18	0,71	100	60	4
	KLM-E TTK 150x60SZ	6	0,76	150	60	4
	KLM-E TTK 200x60SZ	6	0,90	200	60	4
	KLM-E TTK 300x60SZ	6	1,17	300	60	4
	KLM-E TTK 400x60SZ	6	1,44	400	60	4
	KLM-E TTK 500x60SZ	6	1,71	500	60	4
	KLM-E TTK 600x60SZ	6	1,98	600	60	4

KLM-E TTK 400x85SZ



Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Wire mesh cable tray	KLM-E TTK 100x85SZ	6	0,76	100	85	4
	KLM-E TTK 150x85SZ	6	0,90	150	85	4
	KLM-E TTK 200x85SZ	6	1,04	200	85	4
	KLM-E TTK 300x85SZ	6	1,31	300	85	4
	KLM-E TTK 400x85SZ	6	1,58	400	85	4

Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Wire mash cable tray	KLM-E TTK 500x85SZ	6	1,85	500	85	4
	KLM-E TTK 600x85SZ	6	2,12	600	85	4
Wire mash cable tray	KLM-E TTK 100x105SZ	6	1,04	100	105	4
	KLM-E TTK 125x105SZ	6	1,04	125	105	4
	KLM-E TTK 150x105SZ	6	1,04	150	105	4
	KLM-E TTK 200x105SZ	6	1,17	200	105	4
	KLM-E TTK 300x105SZ	6	1,44	300	105	4
	KLM-E TTK 400x105SZ	6	1,71	400	105	4
	KLM-E TTK 500x105SZ	6	1,98	500	105	4
	KLM-E TTK 600x105SZ	6	2,25	600	105	4

WIRE MASH CABLE TRAY, STRENGTHENED (WIRE THICKNESS 5 MM)

KLM-E TTK-R

Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Wire mash cable tray strengthened	KLM-E TTK R 200x60SZ	6	3,13	200	60	5
	KLM-E TTK R 300x60SZ	6	3,13	300	60	5
	KLM-E TTK R 400x60SZ	6	3,13	400	60	5
	KLM-E TTK R 500x60SZ	6	3,72	500	60	5
	KLM-E TTK R 600x60SZ	6	4,30	600	60	5
Wire mash cable tray strengthened	KLM-E TTK R 300x85SZ	6	2,83	300	85	5
	KLM-E TTK R 400x85SZ	6	3,42	400	85	5
	KLM-E TTK R 500x85SZ	6	4,01	500	85	5
	KLM-E TTK R 600x85SZ	6	4,60	600	85	5
	KLM-E TTK R 300x105SZ	6	3,13	300	105	5
	KLM-E TTK R 400x105SZ	6	3,72	400	105	5
	KLM-E TTK R 500x105SZ	6	4,30	500	105	5
	KLM-E TTK R 600x105SZ	6	4,89	600	105	5

WIRE MASH CABLE TRAY, STAINLESS (STEEL 4 MM)

KLM-E TTK INOX

Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Wire mash cable tray, stainless steel	KLM-E TTK 50x35INOX	30	0,49	50	35	4
	KLM-E TTK 70x50INOX	30	0,49	70	50	4
	KLM-E TTK 100x35INOX	30	0,49	100	35	4
	KLM-E TTK 200x35INOX	6	0,76	200	35	4
	KLM-E TTK 300x35INOX	6	1,04	300	35	4
	KLM-E TTK 400x35INOX	6	1,31	400	35	4
	KLM-E TTK 500x35INOX	6	1,58	500	35	4
	KLM-E TTK 60x60INOX	18	0,49	60	60	4
	KLM-E TTK 100x60INOX	18	0,71	100	60	4
	KLM-E TTK 150x60INOX	6	0,76	150	60	4
	KLM-E TTK 200x60INOX	6	0,90	200	60	4
	KLM-E TTK 300x60INOX	6	1,17	300	60	4
	KLM-E TTK 400x60INOX	6	1,44	400	60	4
	KLM-E TTK 500x60INOX	6	1,71	500	60	4
	KLM-E TTK 100x85INOX	6	0,76	100	85	4
	KLM-E TTK 150x85INOX	6	0,90	150	85	4
	KLM-E TTK 200x85INOX	6	1,04	200	85	4
	KLM-E TTK 300x85INOX	6	1,31	300	85	4
	KLM-E TTK 400x85INOX	6	1,58	400	85	4
	KLM-E TTK 500x85INOX	6	1,85	500	85	4
	KLM-E TTK 100x105INOX	6	1,04	100	105	4
	KLM-E TTK 150x105INOX	6	1,04	150	105	4
	KLM-E TTK 200x105INOX	6	1,17	200	105	4
	KLM-E TTK 300x105INOX	6	1,44	300	105	4
	KLM-E TTK 400x105INOX	6	1,71	400	105	4
	KLM-E TTK 500x105INOX	6	1,98	500	105	4

ANGLES, ELBOWS, ADAPTERS TO CABLE TRAYS

It is made of cold rolled and mild steel of 08 PS (GOST 14918-80), thickness 0,7–2mm, galvanized (T. Sendzimir method). It is used to provide cable route all possible layouts.

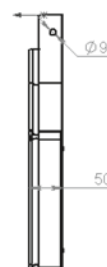
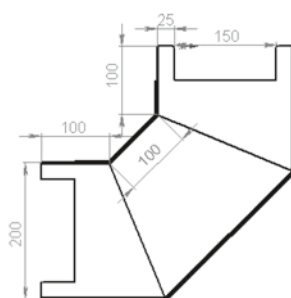
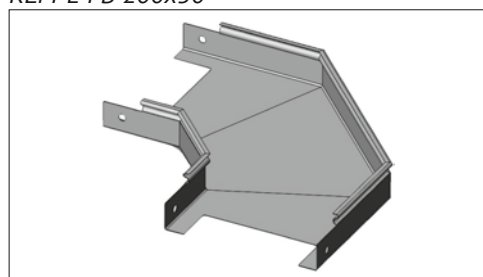
Structure consists of following:

1. Pre-galvanized steel by T. Sendzimir method.
2. Powder painting.
3. Hot-dip galvanization.
4. Steel.

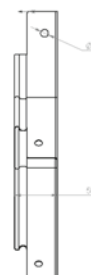
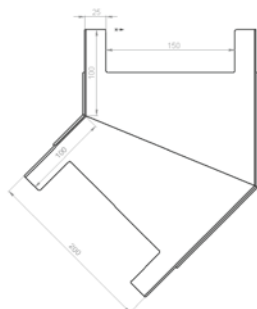
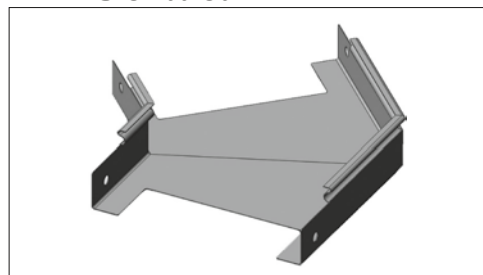
SHEET ANGLES

KLM-E FB | KLM-E FB45 | KLM-E IVB | KLM-E IVB45 | KLM-E OVB | KLM-E OVB45

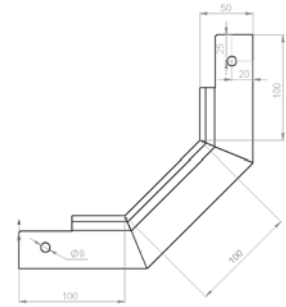
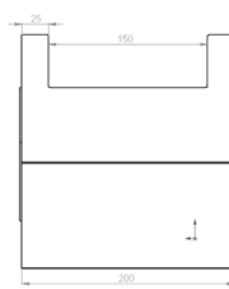
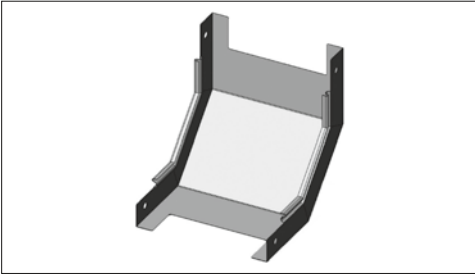
KLM-E FB 200x50



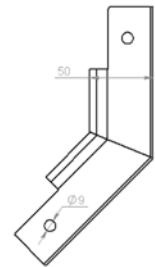
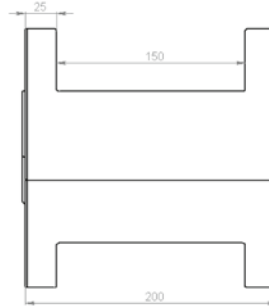
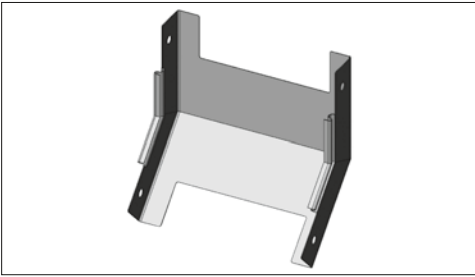
KLM-E FB45 200x50



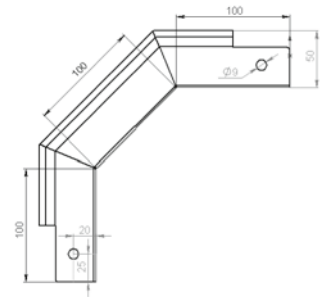
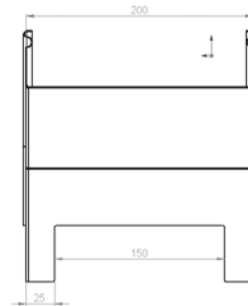
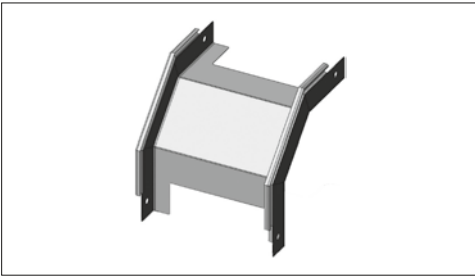
KLM-E IVB 200x50



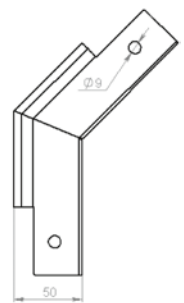
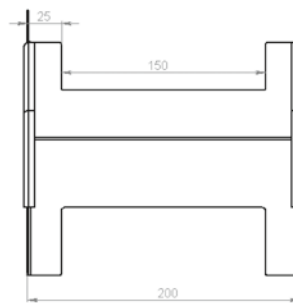
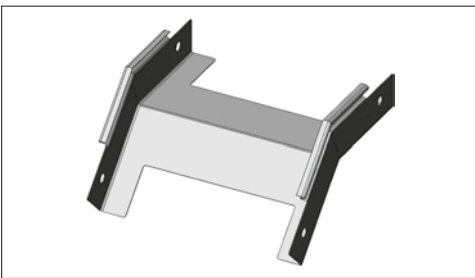
KLM-E IVB45 200x50



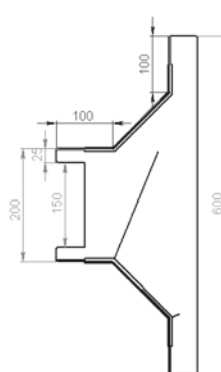
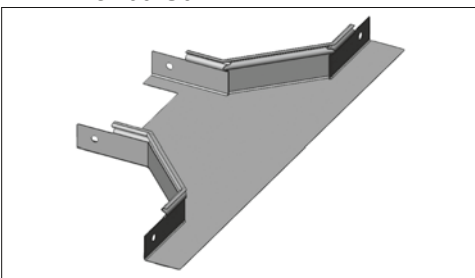
KLM-E OVB 200x50



KLM-E OVB45 200x50



KLM-E TC 200x50



Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Angle horizontal 90;	KLM-E TC; FB; FB45; IVB; IVB 45; OVB; OVB 45 50x50x0.7	0,79	50	50	0,7
Angle vertical, int.;	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 50x50x1	1,13	50	50	1,0
Angle vertical ext.;	KLM-E TC; FB; FB45; IVB; IVB45 OVB; OVB 45 50x50x1.2	1,35	50	50	1,2
Angle	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 50x50x1.5	1,68	50	50	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x50x0.7	1,03	100	50	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x50x1	1,47	100	50	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x50x1.2	1,77	100	50	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x50x1.5	2,21	100	50	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x50x0.7	1,29	150	50	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x50x1	1,84	150	50	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x50x1.2	2,21	150	50	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x50x1.5	2,76	150	50	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x50x0.7	1,57	200	50	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x50x1	2,24	200	50	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x50x1.2	3,36	200	50	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x50x1.5	3,06	200	50	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x50x0.7	2,21	300	50	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x50x1	3,16	300	50	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x50x1.2	3,79	300	50	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x50x1.5	4,74	300	50	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x50x0.7	2,94	400	50	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x50x1	4,20	400	50	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x50x1.2	5,04	400	50	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x50x1.5	6,30	400	50	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x50x1	5,36	500	50	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x50x1.5	6,43	500	50	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x50x1.5	8,03	500	50	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x60x0.7	1,09	100	60	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x60x1	1,55	100	60	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x60x1.2	1,86	100	60	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x60x1.5	2,01	100	60	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x60x0.7	1,35	150	60	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x60x1	1,93	150	60	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x60x1.2	2,31	150	60	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x60x1.5	2,60	150	60	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x60x0.7	1,64	200	60	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x60x1	2,34	200	60	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x60x1.2	2,80	200	60	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x60x1.5	3,24	200	60	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x60x0.7	2,28	300	60	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x60x1	3,26	300	60	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x60x1.2	3,91	300	60	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x60x1.5	4,66	300	60	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x60x0.7	3,02	400	60	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x60x1	4,31	400	60	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x60x1.2	5,17	400	60	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x60x1.5	6,28	400	60	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x60x1	5,48	500	60	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x60x1.2	6,57	500	60	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x60x1.5	8,09	500	60	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x60x1	6,79	600	60	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x60x1.2	8,14	600	60	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x60x1.5	10,10	600	60	1,5

Technical specification

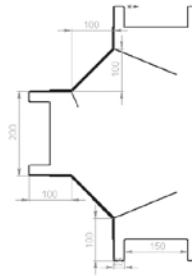
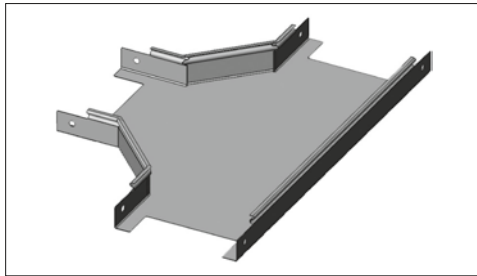
Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x70x0.7		1,20	100	70	0,7
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x70x1		1,63	100	70	1,0
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x70x1.2		1,95	100	70	1,2
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x70x1.5		2,17	100	70	1,5
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x70x0.7		1,47	150	70	0,7
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x70x1		2,10	150	70	1,0
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x70x1.2		2,52	150	70	1,2
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x70x1.5		2,77	150	70	1,5
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x70x0.7		1,76	200	70	0,7
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x70x1		2,51	200	70	1,0
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x70x1.2		3,02	200	70	1,2
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x70x1.5		3,42	200	70	1,5
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x70x0.7		2,42	300	70	0,7
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x70x1		3,46	300	70	1,0
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KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x70x1.2		8,45	600	70	1,2
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KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x80x1.5		5,33	300	80	1,5
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KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x80x1		4,63	400	80	1,0
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x80x1.2		5,55	400	80	1,2
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x80x1.5		6,93	400	80	1,5
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x80x1		5,84	500	80	1,0
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KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x80x1.5		8,76	500	80	1,5
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x80x1		7,17	600	80	1,0
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x80x1.2		8,61	600	80	1,2
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x80x1.5		10,76	600	80	1,5
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x100x0.7		1,40	100	100	0,7

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Angle horizontal 90;	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x100x1	2,00	100	100	1,0
Angle vertical int.;	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x100x1.2	2,40	100	100	1,2
Angle vertical ext.;	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 100x100x1.5	3,00	100	100	1,5
Angle	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x100x0.7	1,68	150	100	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x100x1	2,40	150	100	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x100x1.2	2,88	150	100	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x100x1.5	3,60	150	100	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x100x0.7	1,99	200	100	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x100x1	2,84	200	100	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x100x1.2	3,41	200	100	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x100x1.5	4,26	200	100	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x100x0.7	2,67	300	100	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x100x1	3,81	300	100	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x100x1.2	4,58	300	100	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x100x1.5	5,72	300	100	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x100x0.7	3,45	400	100	0,7
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x100x1	4,93	400	100	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x100x1.2	5,91	400	100	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x100x1.5	7,38	400	100	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x100x1	6,16	500	100	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x100x1.2	7,39	500	100	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x100x1.5	9,23	500	100	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x100x1	7,51	600	100	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x100x1.2	9,02	600	100	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x100x1.5	11,27	600	100	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x150x1	2,97	150	150	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x150x1.2	3,57	150	150	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 150x150x1.5	4,46	150	150	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x150x1	3,44	200	150	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x150x1.2	4,13	200	150	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x150x1.5	5,16	200	150	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x150x1	4,49	300	150	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x150x1.2	5,38	300	150	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x150x1.5	6,72	300	150	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x150x1	5,66	400	150	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x150x1.2	6,79	400	150	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x150x1.5	8,48	400	150	1,5
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x150x1	6,94	500	150	1,0	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x150x1.2	8,33	500	150	1,2	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x150x1.5	10,41	500	150	1,5	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x150x1	8,37	600	150	1,0	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x150x1.2	10,05	600	150	1,2	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x150x1.5	12,56	600	150	1,5	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x200x1	4,04	200	200	1,0	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x200x1.2	4,85	200	200	1,2	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 200x200x1.5	6,06	200	200	1,5	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x200x1	5,14	300	200	1,0	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x200x1.2	6,17	300	200	1,2	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 300x200x1.5	7,71	300	200	1,5	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x200x1	6,39	400	200	1,0	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x200x1.2	7,66	400	200	1,2	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 400x200x1.5	9,57	400	200	1,5	
KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x200x1	7,74	500	200	1,0	

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x200x1.2	9,29	500	200	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 500x200x1.5	11,61	500	200	1,5
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x200x1	9,23	600	200	1,0
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x200x1.2	11,07	600	200	1,2
	KLM-E TC; FB; FB45; IVB; IVB45; OVB; OVB 45 600x200x1.5	13,83	600	200	1,5

KLM-E TB
KLM-E TB 200x50

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
T-shaped unit	KLM-E TB 600x80x1.5	15,13	600	80	1,5
	KLM-E TB 600x80x1.2	12,10	600	80	1,2
	KLM-E TB 600x80x1.0	10,09	600	80	1,0
	KLM-E TB 600x70x1.5	14,88	600	70	1,5
	KLM-E TB 600x70x1.2	11,90	600	70	1,2
	KLM-E TB 600x70x1.0	9,90	600	70	1,0
	KLM-E TB 600x60x1.5	14,38	600	60	1,5
	KLM-E TB 600x60x1.2	11,50	600	60	1,2
	KLM-E TB 600x60x1.0	9,65	600	60	1,0
	KLM-E TB 600x50x1.5	14,25	600	50	1,5
	KLM-E TB 600x50x1.2	11,40	600	50	1,2
	KLM-E TB 600x50x1.0	9,50	600	50	1,0
	KLM-E TB 600x200x1.5	18,63	600	200	1,5
	KLM-E TB 600x200x1.2	14,90	600	200	1,2
	KLM-E TB 600x200x1.0	12,41	600	200	1,0
	KLM-E TB 600x150x1.5	17,16	600	150	1,5
	KLM-E TB 600x150x1.2	13,73	600	150	1,2
	KLM-E TB 600x150x1.0	11,44	600	150	1,0
	KLM-E TB 600x100x1.5	15,71	600	100	1,5
	KLM-E TB 600x100x1.2	12,57	600	100	1,2
	KLM-E TB 600x100x1.0	10,47	600	100	1,0
	KLM-E TB 500x80x1.5	12,38	500	80	1,5
	KLM-E TB 500x80x1.2	9,90	500	80	1,2
	KLM-E TB 500x80x1.0	8,33	500	80	1,0
	KLM-E TB 500x70x1.5	12,25	500	70	1,5
	KLM-E TB 500x70x1.2	9,80	500	70	1,2
	KLM-E TB 500x70x1.0	8,20	500	70	1,0
	KLM-E TB 500x60x1.5	11,81	500	60	1,5
	KLM-E TB 500x60x1.2	9,45	500	60	1,2
	KLM-E TB 500x60x1.0	7,90	500	60	1,0
	KLM-E TB 500x50x1.5	11,66	500	50	1,5

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E TB 500x50x1.2	9,33	500	50	1,2
	KLM-E TB 500x50x1.0	7,77	500	50	1,0
	KLM-E TB 500x200x1.5	15,84	500	200	1,5
	KLM-E TB 500x200x1.2	12,67	500	200	1,2
	KLM-E TB 500x200x1.0	10,56	500	200	1,0
	KLM-E TB 500x150x1.5	14,44	500	150	1,5
	KLM-E TB 500x150x1.2	11,55	500	150	1,2
	KLM-E TB 500x150x1.0	9,63	500	150	1,0
	KLM-E TB 500x100x1.5	13,05	500	100	1,5
	KLM-E TB 500x100x1.2	10,44	500	100	1,2
	KLM-E TB 500x100x1.0	8,70	500	100	1,0
	KLM-E TB 400x80x1.5	10,09	400	80	1,5
	KLM-E TB 400x80x1.2	8,07	400	80	1,2
	KLM-E TB 400x80x1.0	6,73	400	80	1,0
	KLM-E TB 400x80x0.7	4,71	400	80	0,7
	KLM-E TB 400x70x1.5	9,88	400	70	1,5
	KLM-E TB 400x70x1.2	7,90	400	70	1,2
	KLM-E TB 400x70x1.0	6,55	400	70	1,0
	KLM-E TB 400x70x0.7	4,60	400	70	0,7
	KLM-E TB 400x60x1.5	9,44	400	60	1,5
	KLM-E TB 400x60x1.2	7,55	400	60	1,2
	KLM-E TB 400x60x1.0	6,35	400	60	1,0
	KLM-E TB 400x60x0.7	4,45	400	60	0,7
	KLM-E TB 400x50x1.5	9,28	400	50	1,5
	KLM-E TB 400x50x1.2	7,42	400	50	1,2
	KLM-E TB 400x50x1.0	6,19	400	50	1,0
	KLM-E TB 400x50x0.7	4,33	400	50	0,7
	KLM-E TB 400x200x1.5	13,31	400	200	1,5
	KLM-E TB 400x200x1.2	10,65	400	200	1,2
	KLM-E TB 400x200x1.0	8,87	400	200	1,0
	KLM-E TB 400x150x1.5	11,96	400	150	1,5
	KLM-E TB 400x150x1.2	9,57	400	150	1,2
	KLM-E TB 400x150x1.0	7,97	400	150	1,0
	KLM-E TB 400x100x1.5	10,63	400	100	1,5
	KLM-E TB 400x100x1.2	8,50	400	100	1,2
	KLM-E TB 400x100x1.0	7,09	400	100	1,0
	KLM-E TB 400x100x0.7	4,96	400	100	0,7
	KLM-E TB 300x80x1.5	7,93	300	80	1,5
	KLM-E TB 300x80x1.2	6,34	300	80	1,2
	KLM-E TB 300x80x1.0	5,29	300	80	1,0
	KLM-E TB 300x80x0.7	3,70	300	80	0,7
	KLM-E TB 300x70x1.5	7,75	300	70	1,5
	KLM-E TB 300x70x1.2	6,20	300	70	1,2
	KLM-E TB 300x70x1.0	5,10	300	70	1,0
	KLM-E TB 300x70x0.7	3,60	300	70	0,7
	KLM-E TB 300x60x1.5	7,38	300	60	1,5
	KLM-E TB 300x60x1.2	5,90	300	60	1,2
	KLM-E TB 300x60x1.0	4,85	300	60	1,0
	KLM-E TB 300x60x0.7	3,40	300	60	0,7
	KLM-E TB 300x50x1.5	7,16	300	50	1,5
	KLM-E TB 300x50x1.2	5,73	300	50	1,2
	KLM-E TB 300x50x1.0	4,77	300	50	1,0
	KLM-E TB 300x50x0.7	3,34	300	50	0,7

Technical specification

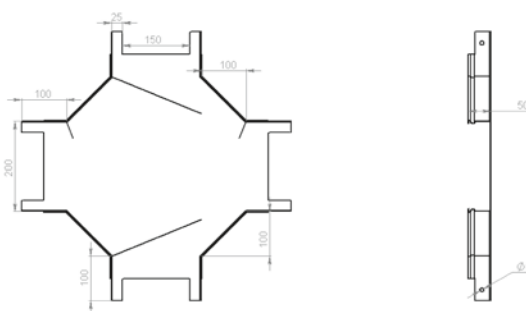
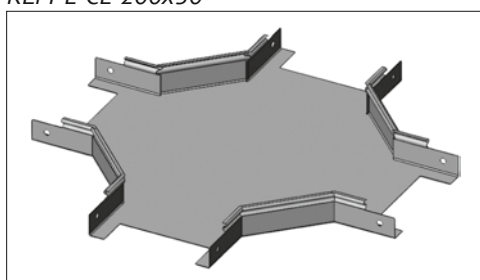
Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E TB 300x200x1.5	10,99	300	200	1,5
	KLM-E TB 300x200x1.2	8,79	300	200	1,2
	KLM-E TB 300x200x1.0	7,33	300	200	1,0
	KLM-E TB 300x150x1.5	9,73	300	150	1,5
	KLM-E TB 300x150x1.2	7,78	300	150	1,2
	KLM-E TB 300x150x1.0	6,49	300	150	1,0
	KLM-E TB 300x100x1.5	8,44	300	100	1,5
	KLM-E TB 300x100x1.2	6,75	300	100	1,2
	KLM-E TB 300x100x1.0	5,63	300	100	1,0
	KLM-E TB 300x100x0.7	3,94	300	100	0,7
	KLM-E TB 200x80x1.5	6,00	200	80	1,5
	KLM-E TB 200x80x1.2	4,80	200	80	1,2
	KLM-E TB 200x80x1.0	4,00	200	80	1,0
	KLM-E TB 200x80x0.7	2,80	200	80	0,7
	KLM-E TB 200x70x1.5	5,75	200	70	1,5
	KLM-E TB 200x70x1.2	4,60	200	70	1,2
	KLM-E TB 200x70x1.0	3,85	200	70	1,0
	KLM-E TB 200x70x0.7	2,70	200	70	0,7
	KLM-E TB 200x60x1.5	5,44	200	60	1,5
	KLM-E TB 200x60x1.2	4,35	200	60	1,2
	KLM-E TB 200x60x1.0	3,60	200	60	1,0
	KLM-E TB 200x60x0.7	2,55	200	60	0,7
	KLM-E TB 200x50x1.5	5,28	200	50	1,5
	KLM-E TB 200x50x1.2	4,22	200	50	1,2
	KLM-E TB 200x50x1.0	3,51	200	50	1,0
	KLM-E TB 200x50x0.7	2,46	200	50	0,7
	KLM-E TB 200x200x1.5	8,94	200	200	1,5
	KLM-E TB 200x200x1.2	7,15	200	200	1,2
	KLM-E TB 200x200x1.0	5,96	200	200	1,0
	KLM-E TB 200x150x1.5	7,71	200	150	1,5
	KLM-E TB 200x150x1.2	6,17	200	150	1,2
	KLM-E TB 200x150x1.0	5,14	200	150	1,0
	KLM-E TB 200x100x1.5	6,49	200	100	1,5
	KLM-E TB 200x100x1.2	5,19	200	100	1,2
	KLM-E TB 200x100x1.0	4,33	200	100	1,0
	KLM-E TB 200x100x0.7	3,03	200	100	0,7
	KLM-E TB 150x80x1.5	5,13	150	80	1,5
	KLM-E TB 150x80x1.2	4,10	150	80	1,2
	KLM-E TB 150x80x1.0	3,41	150	80	1,0
	KLM-E TB 150x80x0.7	2,39	150	80	0,7
	KLM-E TB 150x70x1.5	4,88	150	70	1,5
	KLM-E TB 150x70x1.2	3,90	150	70	1,2
	KLM-E TB 150x70x1.0	3,30	150	70	1,0
	KLM-E TB 150x70x0.7	2,30	150	70	0,7
	KLM-E TB 150x60x1.5	4,63	150	60	1,5
	KLM-E TB 150x60x1.2	3,70	150	60	1,2
	KLM-E TB 150x60x1.0	3,05	150	60	1,0
	KLM-E TB 150x60x0.7	2,10	150	60	0,7
	KLM-E TB 150x50x1.5	4,41	150	50	1,5
	KLM-E TB 150x50x1.2	3,53	150	50	1,2
	KLM-E TB 150x50x1.0	2,94	150	50	1,0
	KLM-E TB 150x50x0.7	2,06	150	50	0,7
	KLM-E TB 150x150x1.5	6,79	150	150	1,5

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E TB 150x150x1.2	5,43	150	150	1,2
	KLM-E TB 150x150x1.0	4,53	150	150	1,0
	KLM-E TB 150x100x1.5	5,59	150	100	1,5
	KLM-E TB 150x100x1.2	4,47	150	100	1,2
	KLM-E TB 150x100x1.0	3,73	150	100	1,0
	KLM-E TB 150x100x0.7	2,61	150	100	0,7
	KLM-E TB 100x80x1.5	4,31	100	80	1,5
	KLM-E TB 100x80x1.2	3,45	100	80	1,2
	KLM-E TB 100x80x1.0	2,87	100	80	1,0
	KLM-E TB 100x80x0.7	2,01	100	80	0,7
	KLM-E TB 100x70x1.5	4,06	100	70	1,5
	KLM-E TB 100x70x1.2	3,25	100	70	1,2
	KLM-E TB 100x70x1.0	2,75	100	70	1,0
	KLM-E TB 100x70x0.7	1,97	100	70	0,7
	KLM-E TB 100x60x1.5	3,75	100	60	1,5
	KLM-E TB 100x60x1.2	3,00	100	60	1,2
	KLM-E TB 100x60x1.0	2,55	100	60	1,0
	KLM-E TB 100x60x0.7	1,75	100	60	0,7
	KLM-E TB 100x50x1.5	3,60	100	50	1,5
	KLM-E TB 100x50x1.2	2,88	100	50	1,2
	KLM-E TB 100x50x1.0	2,40	100	50	1,0
	KLM-E TB 100x50x0.7	1,68	100	50	0,7
	KLM-E TB 100x100x1.5	4,78	100	100	1,5
	KLM-E TB 100x100x1.2	3,82	100	100	1,2
	KLM-E TB 100x100x1.0	3,19	100	100	1,0
	KLM-E TB 100x100x0.7	2,23	100	100	0,7
	KLM-E TB 50x50x1.5	2,88	50	50	1,5
	KLM-E TB 50x50x1.2	2,30	50	50	1,2
	KLM-E TB 50x50x1.0	1,91	50	50	1,0
	KLM-E TB 50x50x0.7	1,34	50	50	0,7

KLM-E CE

KLM-E CE 200x50



Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
X-shaped unit	KLM-E CE 50x50x0.7	1,76	50	50	0,7
	KLM-E CE 50x50x1.0	2,51	50	50	1,0
	KLM-E CE 50x50x1.2	3,02	50	50	1,2
	KLM-E CE 50x50x1.5	3,78	50	50	1,5
	KLM-E CE 100x100x0.7	2,83	100	100	0,7
	KLM-E CE 100x100x1	4,04	100	100	1,0
	KLM-E CE 100x100x1.2	4,85	100	100	1,2
	KLM-E CE 100x100x1.5	6,06	100	100	1,5

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CE 100x50x0.7	2,18	100	50	0,7
	KLM-E CE 100x50x1	3,11	100	50	1,0
	KLM-E CE 100x50x1.2	3,74	100	50	1,2
	KLM-E CE 100x50x1.5	4,68	100	50	1,5
	KLM-E CE 100x60x0.7	2,20	100	60	0,7
	KLM-E CE 100x60x1	3,25	100	60	1,0
	KLM-E CE 100x60x1.2	3,85	100	60	1,2
	KLM-E CE 100x60x1.5	4,81	100	60	1,5
	KLM-E CE 100x70x0.7	2,45	100	70	0,7
	KLM-E CE 100x70x1	3,50	100	70	1,0
	KLM-E CE 100x70x1.2	4,20	100	70	1,2
	KLM-E CE 100x70x1.5	5,25	100	70	1,5
	KLM-E CE 100x80x0.7	2,57	100	80	0,7
	KLM-E CE 100x80x1	3,67	100	80	1,0
	KLM-E CE 100x80x1.2	4,41	100	80	1,2
	KLM-E CE 100x80x1.5	5,51	100	80	1,5
	KLM-E CE 150x100x0.7	3,28	150	100	0,7
	KLM-E CE 150x100x1	4,69	150	100	1,0
	KLM-E CE 150x100x1.2	5,62	150	100	1,2
	KLM-E CE 150x100x1.5	7,03	150	100	1,5
	KLM-E CE 150x150x1	5,61	150	150	1,0
	KLM-E CE 150x150x1.2	6,74	150	150	1,2
	KLM-E CE 150x150x1.5	8,43	150	150	1,5
	KLM-E CE 150x50x0.7	2,62	150	50	0,7
	KLM-E CE 150x50x1	3,74	150	50	1,0
	KLM-E CE 150x50x1.2	4,49	150	50	1,2
	KLM-E CE 150x50x1.5	5,61	150	50	1,5
	KLM-E CE 150x60x0.7	2,90	150	60	0,7
	KLM-E CE 150x60x1	4,20	150	60	1,0
	KLM-E CE 150x60x1.2	4,95	150	60	1,2
	KLM-E CE 150x60x1.5	6,19	150	60	1,5
	KLM-E CE 150x70x0.7	2,96	150	70	0,7
	KLM-E CE 150x70x1	4,25	150	70	1,0
	KLM-E CE 150x70x1.2	5,06	150	70	1,2
	KLM-E CE 150x70x1.5	6,32	150	70	1,5
	KLM-E CE 150x80x0.7	3,01	150	80	0,7
	KLM-E CE 150x80x1	4,30	150	80	1,0
	KLM-E CE 150x80x1.2	5,16	150	80	1,2
	KLM-E CE 150x80x1.5	6,45	150	80	1,5
	KLM-E CE 200x100x0.7	3,74	200	100	0,7
	KLM-E CE 200x100x1	5,34	200	100	1,0
	KLM-E CE 200x100x1.2	6,41	200	100	1,2
	KLM-E CE 200x100x1.5	8,01	200	100	1,5
	KLM-E CE 200x150x1	6,29	200	150	1,0
	KLM-E CE 200x150x1.2	7,54	200	150	1,2
	KLM-E CE 200x150x1.5	9,43	200	150	1,5
	KLM-E CE 200x200x1	7,23	200	200	1,0
	KLM-E CE 200x200x1.2	8,67	200	200	1,2
	KLM-E CE 200x200x1.5	10,84	200	200	1,5
	KLM-E CE 200x50x0.7	3,09	200	50	0,7
	KLM-E CE 200x50x1	4,41	200	50	1,0
	KLM-E CE 200x50x1.2	5,30	200	50	1,2
	KLM-E CE 200x50x1.5	6,63	200	50	1,5

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CE 200x60x0.7	3,18	200	60	0,7
	KLM-E CE 200x60x1	4,69	200	60	1,0
	KLM-E CE 200x60x1.2	5,62	200	60	1,2
	KLM-E CE 200x60x1.5	7,03	200	60	1,5
	KLM-E CE 200x70x0.7	3,33	200	70	0,7
	KLM-E CE 200x70x1	4,83	200	70	1,0
	KLM-E CE 200x70x1.2	5,80	200	70	1,2
	KLM-E CE 200x70x1.5	7,24	200	70	1,5
	KLM-E CE 200x80x0.7	3,48	200	80	0,7
	KLM-E CE 200x80x1	4,97	200	80	1,0
	KLM-E CE 200x80x1.2	5,97	200	80	1,2
	KLM-E CE 200x80x1.5	7,46	200	80	1,5
	KLM-E CE 300x100x0.7	4,77	300	100	0,7
	KLM-E CE 300x100x1	6,81	300	100	1,0
	KLM-E CE 300x100x1.2	8,18	300	100	1,2
	KLM-E CE 300x100x1.5	10,23	300	100	1,5
	KLM-E CE 300x150x1	7,74	300	150	1,0
	KLM-E CE 300x150x1.2	9,29	300	150	1,2
	KLM-E CE 300x150x1.5	11,61	300	150	1,5
	KLM-E CE 300x200x1	8,69	300	200	1,0
	KLM-E CE 300x200x1.2	10,42	300	200	1,2
	KLM-E CE 300x200x1.5	13,03	300	200	1,5
	KLM-E CE 300x50x0.7	4,11	300	50	0,7
	KLM-E CE 300x50x1	5,87	300	50	1,0
	KLM-E CE 300x50x1.2	7,05	300	50	1,2
	KLM-E CE 300x50x1.5	8,81	300	50	1,5
	KLM-E CE 300x60x0.7	4,21	300	60	0,7
	KLM-E CE 300x60x1	6,00	300	60	1,0
	KLM-E CE 300x60x1.2	7,23	300	60	1,2
	KLM-E CE 300x60x1.5	9,04	300	60	1,5
	KLM-E CE 300x70x0.7	6,66	300	70	0,7
	KLM-E CE 300x70x1	5,62	300	70	1,0
	KLM-E CE 300x70x1.2	6,86	300	70	1,2
	KLM-E CE 300x70x1.5	8,57	300	70	1,5
	KLM-E CE 300x80x0.7	4,50	300	80	0,7
	KLM-E CE 300x80x1	6,43	300	80	1,0
	KLM-E CE 300x80x1.2	7,71	300	80	1,2
	KLM-E CE 300x80x1.5	9,64	300	80	1,5
	KLM-E CE 400x100x0.7	5,90	400	100	0,7
	KLM-E CE 400x100x1	8,43	400	100	1,0
	KLM-E CE 400x100x1	10,11	400	100	1,2
	KLM-E CE 400x100x1.5	12,64	400	100	1,5
	KLM-E CE 400x150x1	9,36	400	150	1,0
	KLM-E CE 400x150x1.2	11,23	400	150	1,2
	KLM-E CE 400x150x1.5	14,04	400	150	1,5
	KLM-E CE 400x200x1	10,30	400	200	1,0
	KLM-E CE 400x200x1.2	12,36	400	200	1,2
	KLM-E CE 400x200x1.5	15,45	400	200	1,5
	KLM-E CE 400x50x0.7	5,24	400	50	0,7
	KLM-E CE 400x50x1	7,49	400	50	1,0
	KLM-E CE 400x50x1.2	8,98	400	50	1,2
	KLM-E CE 400x50x1.5	11,23	400	50	1,5
	KLM-E CE 400x60x0.7	5,30	400	60	0,7

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E CE 400x60x1	7,60	400	60	1,0
	KLM-E CE 400x60x1.2	9,10	400	60	1,2
	KLM-E CE 400x60x1.5	11,38	400	60	1,5
	KLM-E CE 400x70x0.7	8,43	400	70	0,7
	KLM-E CE 400x70x1	7,07	400	70	1,0
	KLM-E CE 400x70x1.2	8,63	400	70	1,2
	KLM-E CE 400x70x1.5	10,78	400	70	1,5
	KLM-E CE 400x80x0.7	5,63	400	80	0,7
	KLM-E CE 400x80x1	8,04	400	80	1,0
	KLM-E CE 400x80x1.2	9,65	400	80	1,2
	KLM-E CE 400x80x1.5	12,06	400	80	1,5
	KLM-E CE 500x100x1	10,20	500	100	1,0
	KLM-E CE 500x100x1.2	12,24	500	100	1,2
	KLM-E CE 500x100x1.5	15,30	500	100	1,5
	KLM-E CE 500x150x1	11,13	500	150	1,0
	KLM-E CE 500x150x1.2	13,35	500	150	1,2
	KLM-E CE 500x150x1.5	16,69	500	150	1,5
	KLM-E CE 500x200x1	12,07	500	200	1,0
	KLM-E CE 500x200x1.2	14,49	500	200	1,2
	KLM-E CE 500x200x1.5	18,11	500	200	1,5
	KLM-E CE 500x50x1	9,26	500	50	1,0
	KLM-E CE 500x50x1.2	11,11	500	50	1,2
	KLM-E CE 500x50x1.5	13,89	500	50	1,5
	KLM-E CE 500x60x1	9,40	500	60	1,0
	KLM-E CE 500x60x1.2	11,32	500	60	1,2
	KLM-E CE 500x60x1.5	14,15	500	60	1,5
	KLM-E CE 500x70x1	6,36	500	70	1,0
	KLM-E CE 500x70x1.2	7,62	500	70	1,2
	KLM-E CE 500x70x1.5	9,53	500	70	1,5
	KLM-E CE 500x80x1	9,81	500	80	1,0
	KLM-E CE 500x80x1.2	11,78	500	80	1,2
	KLM-E CE 500x80x1.5	14,73	500	80	1,5
	KLM-E CE 600x100x1	12,13	600	100	1,0
	KLM-E CE 600x100x1.2	14,55	600	100	1,2
	KLM-E CE 600x100x1.5	18,19	600	100	1,5
	KLM-E CE 600x150x1	13,06	600	150	1,0
	KLM-E CE 600x150x1.2	15,67	600	150	1,2
	KLM-E CE 600x150x1.5	19,59	600	150	1,5
	KLM-E CE 600x200x1	14,00	600	200	1,0
	KLM-E CE 600x200x1.2	16,80	600	200	1,2
	KLM-E CE 600x200x1.5	21,00	600	200	1,5
	KLM-E CE 600x50x1	11,19	600	50	1,0
	KLM-E CE 600x50x1.2	13,42	600	50	1,2
	KLM-E CE 600x50x1.5	16,78	600	50	1,5
	KLM-E CE 600x60x1	11,30	600	60	1,0
	KLM-E CE 600x60x1.2	13,55	600	60	1,2
	KLM-E CE 600x60x1.5	16,94	600	60	1,5
	KLM-E CE 600x70x1	7,91	600	70	1,0
	KLM-E CE 600x70x1.2	9,47	600	70	1,2
	KLM-E CE 600x70x1.5	11,84	600	70	1,5
	KLM-E CE 600x80x1	11,74	600	80	1,0
	KLM-E CE 600x80x1.2	14,09	600	80	1,2
	KLM-E CE 600x80x1.5	17,61	600	80	1,5

LADDER-TYPE CABLE TRAY

Ladder cable tray KLM is made of cold rolled and mild structural steel with thickness of 1,2 mm and 1,5 mm. Pre-galvanized steel (T. Sendzimir method). Ladder cable tray KLM, in comparison with sheet form cable tray, different with high load capacity and width for cable with big diameter. Open structure of ladder cable tray protect cables form overheating. This type of cable trays is more efficient in outdoor and indoor conditions, especially in case of temperature and humidity high variation takes place. Trays do not gather dust, fine elements, do not form condensation and humidity. Therefore, probability of corrosion is minimum. It provides to cable tray long operating life. Ladder cable tray consists of two side C-shaped profiles and strapping between them. We use clinching, though, profiles and strapping assembly is performed with welding.

Welding is cause of corrosion. "Dimple" method provides to save galvanized cover and to minimize the insulation joint between edge and strapping.

Cable tray dimensions

Width of tray basement

100 / 200 / 300 / 400 / 500 / 600 (mm)

Edge height

50 / 60 / 80 / 100 (mm)

Edge steel thickness

1,2 / 1,5 (mm)

Strapping steel thickness

1,2 (mm)

Tray length

2000 / 2500 / 3000 (mm)

Depends on outdoor conditions of cable route maintenance, KLM ladder cable tray is classified as following:

1. perforated or imperforated;
2. interlocking end availability or non-availability.

Straight units are used for cable laying in a straight way, different shape units are used to provide cables all possible layouts.

Different shaped units, like as X-typed, T-shaped, elbows, vertical and horizontal angles, adapters, are used in order to provide all possible layouts to cable route.

Straight and different shaped units are connected with joint units.

Cable could be separated with dividers (perforated and imperforated dividers) inside of cable tray.

Cable tray with non-standard dimension is available upon request.

Structure consists of following

1. Pre-galvanized (T. Sendzimir method)
2. Painting.
3. Hot dip galvanized.
4. Stainless steel.

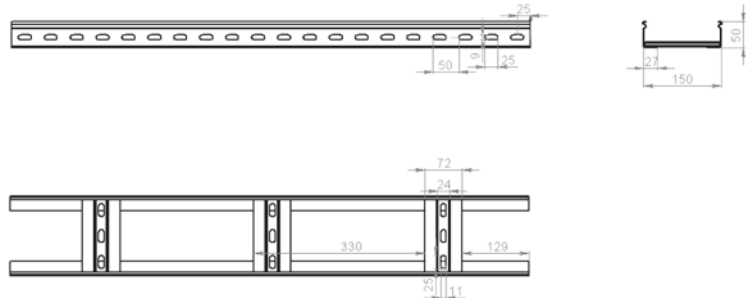
Type of climatic category

UZ, UHL 2,5, UT1,5

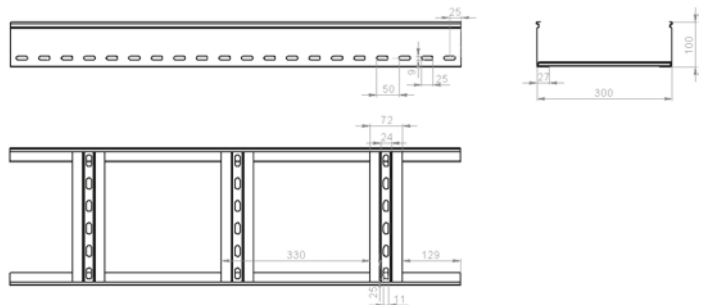
LADDER-TYPE CABLE TRAY

KLM-E LCT

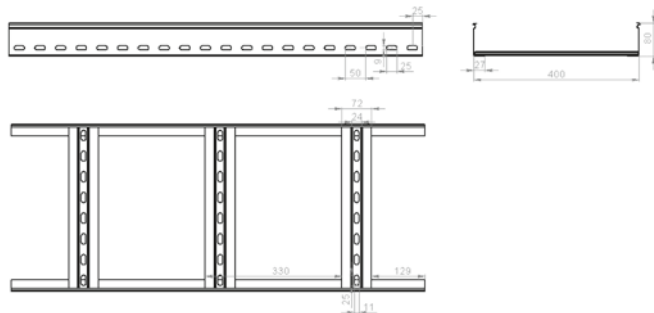
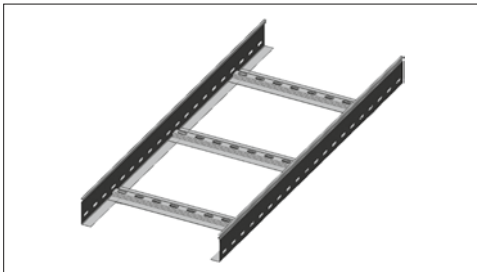
KLM-E LCT 150x50



KLM-E LCT 300x100



KLM-E LCT 400x80



Technical specification

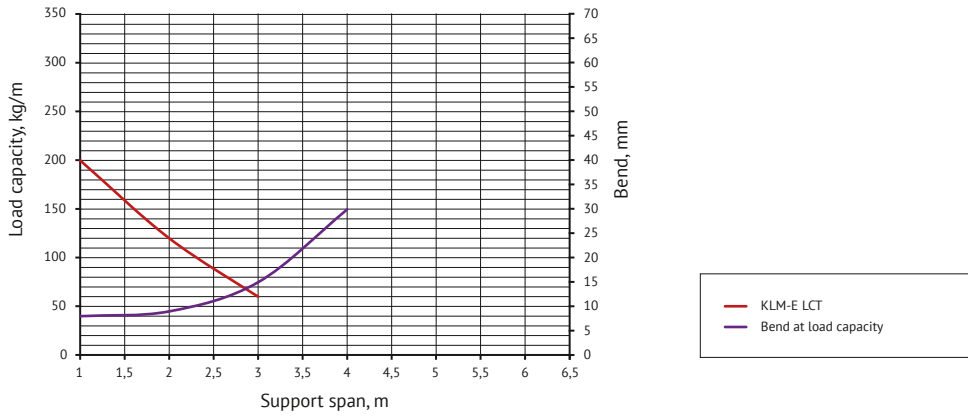
Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Ladder cable tray	KLM-E LCT 100x50x1.2-3000	6	1,79	100	50	1,2
	KLM-E LCT 200x50x1.2-3000	6	2,02	200	50	1,2
	KLM-E LCT 300x50x1.2-3000	6	2,25	300	50	1,2
	KLM-E LCT 400x50x1.2-3000	6	2,48	400	50	1,2
	KLM-E LCT 500x50x1.2-3000	6	2,71	500	50	1,2
	KLM-E LCT 600x50x1.2-3000	6	2,94	600	50	1,2
	KLM-E LCT 100x60x1.2-3000	6	1,97	100	60	1,2
	KLM-E LCT 200x60x1.2-3000	6	2,16	200	60	1,2
	KLM-E LCT 300x60x1.2-3000	6	2,36	300	60	1,2
	KLM-E LCT 400x60x1.2-3000	6	2,58	400	60	1,2
	KLM-E LCT 500x60x1.2-3000	6	2,79	500	60	1,2
	KLM-E LCT 600x60x1.2-3000	6	3,03	600	60	1,2

Technical specification

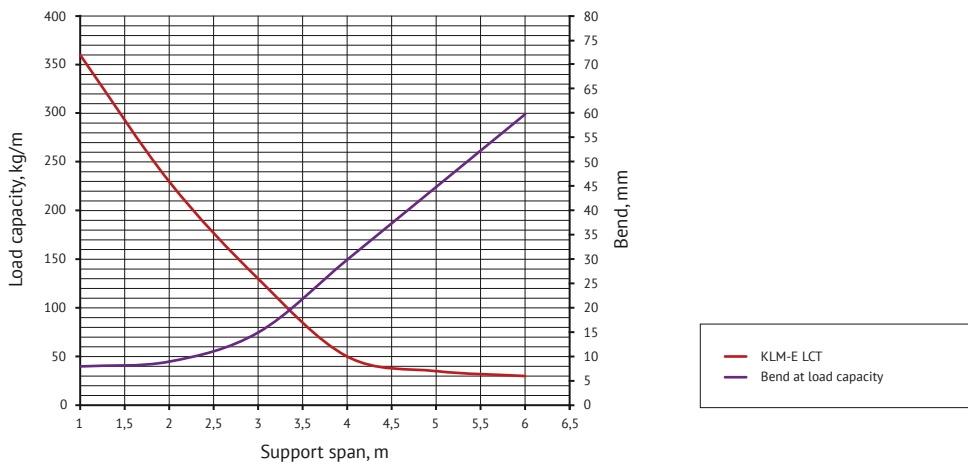
Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Ladder cable tray	KLM-E LCT 100x80x1.2-3000	6	2,32	100	80	1,2
	KLM-E LCT 200x80x1.2-3000	6	2,49	200	80	1,2
	KLM-E LCT 300x80x1.2-3000	6	2,60	300	80	1,2
	KLM-E LCT 400x80x1.2-3000	6	2,79	400	80	1,2
	KLM-E LCT 500x80x1.2-3000	6	2,96	500	80	1,2
	KLM-E LCT 600x80x1.2-3000	6	3,18	600	80	1,2
	KLM-E LCT 100x100x1.2-3000	6	2,77	100	100	1,2
	KLM-E LCT 200x100x1.2-3000	6	3,00	200	100	1,2
	KLM-E LCT 300x100x1.2-3000	6	3,23	300	100	1,2
	KLM-E LCT 400x100x1.2-3000	6	3,46	400	100	1,2
	KLM-E LCT 500x100x1.2-3000	6	3,69	500	100	1,2
	KLM-E LCT 600x100x1.2-3000	6	3,92	600	100	1,2
	KLM-E LCT 100x50x1.5-3000	6	2,24	100	50	1,5
	KLM-E LCT 200x50x1.5-3000	6	2,53	200	50	1,5
	KLM-E LCT 300x50x1.5-3000	6	2,81	300	50	1,5
	KLM-E LCT 400x50x1.5-3000	6	3,10	400	50	1,5
	KLM-E LCT 500x50x1.5-3000	6	3,39	500	50	1,5
	KLM-E LCT 600x50x1.5-3000	6	3,68	600	50	1,5
	KLM-E LCT 100x60x1.5-3000	6	2,46	100	60	1,5
	KLM-E LCT 200x60x1.5-3000	6	2,70	200	60	1,5
	KLM-E LCT 300x60x1.5-3000	6	2,95	300	60	1,5
	KLM-E LCT 400x60x1.5-3000	6	3,22	400	60	1,5
	KLM-E LCT 500x60x1.5-3000	6	3,49	500	60	1,5
	KLM-E LCT 600x60x1.5-3000	6	3,79	600	60	1,5
	KLM-E LCT 100x80x1.5-3000	6	2,90	100	80	1,5
	KLM-E LCT 200x80x1.5-3000	6	3,11	200	80	1,5
	KLM-E LCT 300x80x1.5-3000	6	3,25	300	80	1,5
	KLM-E LCT 400x80x1.5-3000	6	3,48	400	80	1,5
	KLM-E LCT 500x80x1.5-3000	6	3,70	500	80	1,5
	KLM-E LCT 600x80x1.5-3000	6	3,97	600	80	1,5
	KLM-E LCT 100x100x1.5-3000	6	3,46	100	100	1,5
	KLM-E LCT 200x100x1.5-3000	6	3,75	200	100	1,5
	KLM-E LCT 300x100x1.5-3000	6	4,04	300	100	1,5
	KLM-E LCT 400x100x1.5-3000	6	4,33	400	100	1,5
	KLM-E LCT 500x100x1.5-3000	6	4,61	500	100	1,5
	KLM-E LCT 600x100x1.5-3000	6	4,90	600	100	1,5

LOAD DIAGRAM

KLM-E LCT ladder cable tray with side wall 50 mm.



KLM-E LCT ladder cable tray with side wall 100 mm.



LADDER-TYPE ANGLES

Structure consists of following:

1. Pre-galvanized steel by T. Sendzimir method.
2. Powder painting.
3. Hot-dip galvanization.
4. Stainless steel.

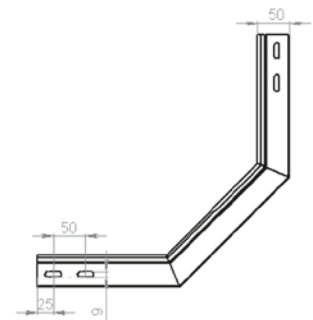
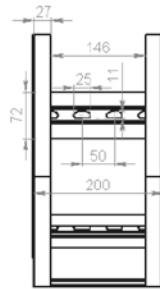
Type of climatic category

UZ, UHL 2,5, UT1,5

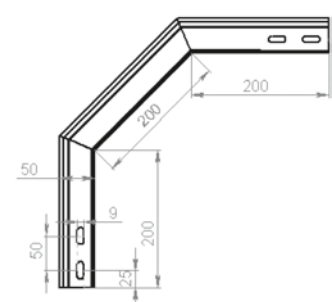
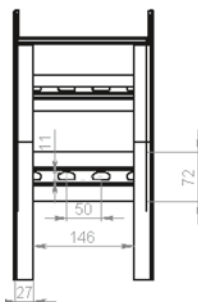
LADDER-TYPE ANGLES

KLM-E LIVB | KLM-E LOVB | KLM-E LFB

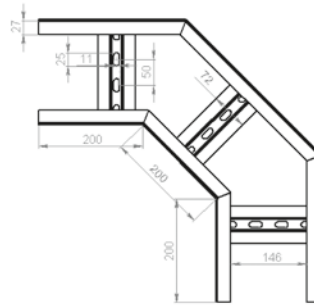
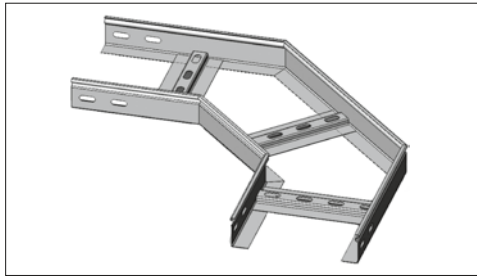
KLM-E LIVB 200x50



KLM-E LOVB 200x50



KLM-E LFB 200x50



Technical specification

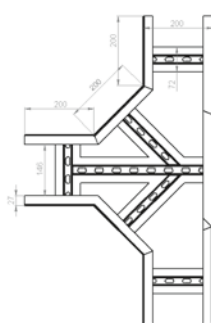
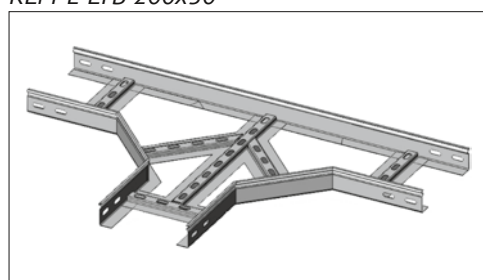
Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Angle int.;	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x50x1.2	1,79	100	50	1,2
Angle ext.;	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x50x1.5	2,24	100	50	1,5
Angle 90	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x50x1.2	2,34	200	50	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x50x1.5	2,92	200	50	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x50x1.2	2,27	300	50	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x50x1.5	3,30	300	50	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x50x1.2	3,16	400	50	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x50x1.5	3,95	400	50	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x50x1.2	3,69	500	50	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x50x1.5	4,61	500	50	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x50x1.2	4,08	600	50	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x50x1.5	5,10	600	50	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x60x1.2	1,20	100	60	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x60x1.5	1,50	100	60	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x60x1.2	1,58	200	60	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x60x1.5	1,97	200	60	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x60x1.2	1,95	300	60	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x60x1.5	2,44	300	60	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x60x1.2	2,32	400	60	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x60x1.5	2,90	400	60	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x60x1.2	2,70	500	60	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x60x1.5	3,37	500	60	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x60x1.2	3,07	600	60	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x60x1.5	3,84	600	60	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x80x1.2	1,49	100	80	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x80x1.5	1,87	100	80	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x80x1.2	1,88	200	80	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x80x1.5	2,35	200	80	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x80x1.2	2,27	300	80	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x80x1.5	2,83	300	80	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x80x1.2	2,65	400	80	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x80x1.5	3,32	400	80	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x80x1.2	3,04	500	80	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x80x1.5	3,80	500	80	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x80x1.2	3,43	600	80	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x80x1.5	4,28	600	80	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x100x1.2	1,64	100	100	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 100x100x1.5	2,06	100	100	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x100x1.2	2,07	200	100	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 200x100x1.5	2,59	200	100	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x100x1.2	2,50	300	100	1,2

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 300x100x1.5	3,11	300	100	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x100x1.2	2,92	400	100	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 400x100x1.5	3,65	400	100	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x100x1.2	3,34	500	100	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 500x100x1.5	4,18	500	100	1,5
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x100x1.2	3,77	600	100	1,2
	KLM-E LIVB, KLM-E LOVB, KLM-E LFB 600x100x1.5	4,71	600	100	1,5

KLM-E LTB

KLM-E LTB 200x50



Technical specification

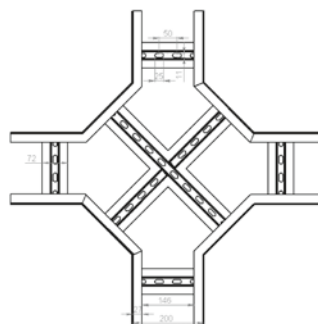
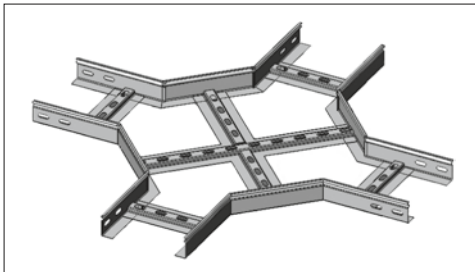
Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
T-shaped unit	KLM-E LTB 100x50x1.2	1,93	100	50	1,2
	KLM-E LTB 100x50x1.5	2,43	100	50	1,5
	KLM-E LTB 200x50x1.2	2,44	200	50	1,2
	KLM-E LTB 200x50x1.5	3,05	200	50	1,5
	KLM-E LTB 300x50x1.2	2,95	300	50	1,2
	KLM-E LTB 300x50x1.5	3,67	300	50	1,5
	KLM-E LTB 400x50x1.2	3,44	400	50	1,2
	KLM-E LTB 400x50x1.5	4,31	400	50	1,5
	KLM-E LTB 500x50x1.2	3,95	500	50	1,2
	KLM-E LTB 500x50x1.5	4,93	500	50	1,5
	KLM-E LTB 600x50x1.2	4,45	600	50	1,2
	KLM-E LTB 600x50x1.5	5,56	600	50	1,5
	KLM-E LTB 100x60x1.2	2,22	100	60	1,2
	KLM-E LTB 100x60x1.5	2,79	100	60	1,5
	KLM-E LTB 200x60x1.2	2,82	200	60	1,2
	KLM-E LTB 200x60x1.5	3,51	200	60	1,5
	KLM-E LTB 300x60x1.2	3,39	300	60	1,2
	KLM-E LTB 300x60x1.5	4,22	300	60	1,5
	KLM-E LTB 400x60x1.2	3,96	400	60	1,2
	KLM-E LTB 400x60x1.5	4,96	400	60	1,5
	KLM-E LTB 500x60x1.2	4,54	500	60	1,2
	KLM-E LTB 500x60x1.5	5,67	500	60	1,5
	KLM-E LTB 600x60x1.2	5,12	600	60	1,2
	KLM-E LTB 600x60x1.5	6,39	600	60	1,5
	KLM-E LTB 100x80x1.2	2,62	100	80	1,2
	KLM-E LTB 100x80x1.5	3,29	100	80	1,5
	KLM-E LTB 200x80x1.2	3,33	200	80	1,2

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E LTB 200x80x1.5	4,14	200	80	1,5
	KLM-E LTB 300x80x1.2	4,00	300	80	1,2
	KLM-E LTB 300x80x1.5	4,98	300	80	1,5
	KLM-E LTB 400x80x1.2	4,67	400	80	1,2
	KLM-E LTB 400x80x1.5	5,85	400	80	1,5
	KLM-E LTB 500x80x1.2	5,35	500	80	1,2
	KLM-E LTB 500x80x1.5	6,69	500	80	1,5
	KLM-E LTB 600x80x1.2	6,04	600	80	1,2
	KLM-E LTB 600x80x1.5	7,54	600	80	1,5
	KLM-E LTB 100x100x1.2	3,02	100	100	1,2
	KLM-E LTB 100x100x1.5	3,79	100	100	1,5
	KLM-E LTB 200x100x1.2	3,83	200	100	1,2
	KLM-E LTB 200x100x1.5	4,76	200	100	1,5
	KLM-E LTB 300x100x1.2	4,60	300	100	1,2
	KLM-E LTB 300x100x1.5	5,73	300	100	1,5
	KLM-E LTB 400x100x1.2	5,37	400	100	1,2
	KLM-E LTB 400x100x1.5	6,72	400	100	1,5
	KLM-E LTB 500x100x1.2	6,16	500	100	1,2
	KLM-E LTB 500x100x1.5	7,69	500	100	1,5
	KLM-E LTB 600x100x1.2	6,95	600	100	1,2
	KLM-E LTB 600x100x1.5	8,67	600	100	1,5

KLM-E LCE

KLM-E LCE 200x50



Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
X-shaped unit	KLM-E LCE 100x50x1.2	1,49	100	50	1,2
	KLM-E LCE 100x50x1.5	1,87	100	50	1,5
	KLM-E LCE 200x50x1.2	1,88	200	50	1,2
	KLM-E LCE 200x50x1.5	2,35	200	50	1,5
	KLM-E LCE 300x50x1.2	2,27	300	50	1,2
	KLM-E LCE 300x50x1.5	2,83	300	50	1,5
	KLM-E LCE 400x50x1.2	2,65	400	50	1,2
	KLM-E LCE 400x50x1.5	3,32	400	50	1,5
	KLM-E LCE 500x50x1.2	3,04	500	50	1,2
	KLM-E LCE 500x50x1.5	3,80	500	50	1,5
	KLM-E LCE 600x50x1.2	3,43	600	50	1,2
	KLM-E LCE 600x50x1.5	4,28	600	50	1,5
	KLM-E LCE 100x60x1.2	1,64	100	60	1,2

Technical specification

Description	Order code	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
	KLM-E LCE 100x60x1.5	2,06	100	60	1,5
	KLM-E LCE 200x60x1.2	2,07	200	60	1,2
	KLM-E LCE 200x60x1.5	2,59	200	60	1,5
	KLM-E LCE 300x60x1.2	2,50	300	60	1,2
	KLM-E LCE 300x60x1.5	3,11	300	60	1,5
	KLM-E LCE 400x60x1.2	2,92	400	60	1,2
	KLM-E LCE 400x60x1.5	3,65	400	60	1,5
	KLM-E LCE 500x60x1.2	3,34	500	60	1,2
	KLM-E LCE 500x60x1.5	4,18	500	60	1,5
	KLM-E LCE 600x60x1.2	3,77	600	60	1,2
	KLM-E LCE 600x60x1.5	4,71	600	60	1,5
	KLM-E LCE 100x80x1.2	1,93	100	80	1,2
	KLM-E LCE 100x80x1.5	2,43	100	80	1,5
	KLM-E LCE 200x80x1.2	2,44	200	80	1,2
	KLM-E LCE 200x80x1.5	3,05	200	80	1,5
	KLM-E LCE 300x80x1.2	2,95	300	80	1,2
	KLM-E LCE 300x80x1.5	3,67	300	80	1,5
	KLM-E LCE 400x80x1.2	3,44	400	80	1,2
	KLM-E LCE 400x80x1.5	4,31	400	80	1,5
	KLM-E LCE 500x80x1.2	3,95	500	80	1,2
	KLM-E LCE 500x80x1.5	4,93	500	80	1,5
	KLM-E LCE 600x80x1.2	4,45	600	80	1,2
	KLM-E LCE 600x80x1.5	5,56	600	80	1,5
	KLM-E LCE 100x100x1.2	2,22	100	100	1,2
	KLM-E LCE 100x100x1.5	2,79	100	100	1,5
	KLM-E LCE 200x100x1.2	2,81	200	100	1,2
	KLM-E LCE 200x100x1.5	3,51	200	100	1,5
	KLM-E LCE 300x100x1.2	3,39	300	100	1,2
	KLM-E LCE 300x100x1.5	4,22	300	100	1,5
	KLM-E LCE 400x100x1.2	3,96	400	100	1,2
	KLM-E LCE 400x100x1.5	4,96	400	100	1,5
	KLM-E LCE 500x100x1.2	4,54	500	100	1,2
	KLM-E LCE 500x100x1.5	5,67	500	100	1,5
	KLM-E LCE 600x100x1.2	5,12	600	100	1,2
	KLM-E LCE 600x100x1.5	6,39	600	100	1,5

COVER AND DIVIDER TO CABLE TRAYS

It is made of cold rolled and mild steel of 08 PS (GOST 14918-80), thickness 0,55–2 mm, galvanized (T. Sendzimir method). It is used for cable line and insulated wires (maximum 1000V in load-carrying structures) protection.

It can be used for indoor and outdoor installation of industrial, shopping and residential buildings. Different shaped units, like as X-type, T-type, vertical and horizontal angles, adapters, all of them are used for cable route direction change.

Divider to cable trays

It is made of cold rolled and mild steel of 08 PS (GOST 14918-80), thickness 0,55–2 mm, galvanized (T. Sendzimir method). It is used for cable line and insulated wires (maximum 1000V in load-carrying structures) protection.

Cover dimensions

Width

50 / 100 / 150 / 200 / 300 / 400 / 500 / 600 (mm)

Height

15 (mm)

Thickness

0,55 / 0,7 / 0,8 / 1,0 (mm)

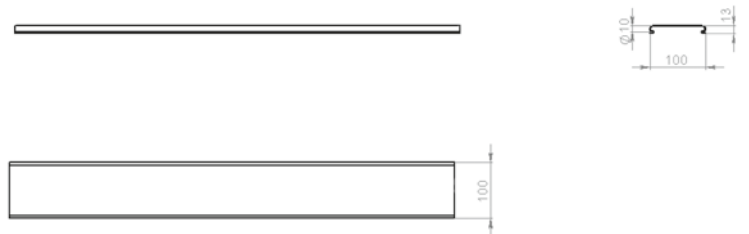
Length

2000 / 2500 / 3000 (mm)

CABLE TRAY COVER

KLM-E CTC

KLM-E CTC 100-1



Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Cable tray cover	KLM-E CTC 50x0.55	6	0,36	50		0,55
	KLM-E CTC 50x0.7	6	0,46	50		0,70
	KLM-E CTC 50x1	6	0,66	50		1,00
	KLM-E CTC 60x0.7	6	0,66	50		1,00
	KLM-E CTC 100x0.55	6	0,58	100		0,55
	KLM-E CTC 100x0.7	6	0,74	100		0,70
	KLM-E CTC 100x1	6	1,05	100		1,00

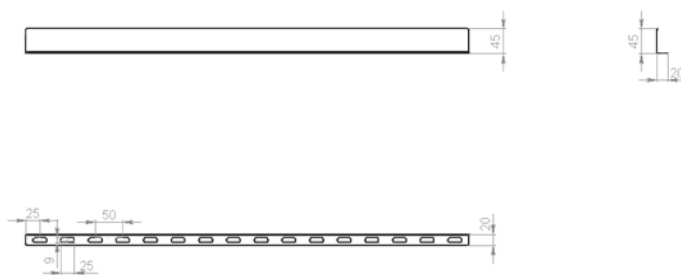
Technical specification

Description	Order code	Qty in a package	Weight, kg/m	Width, mm	Height, mm	Thickness, mm
Cable tray cover	KLM-E CTC 150x0.55	6	0,79	150		0,55
	KLM-E CTC 150x0.7	6	1,01	150		0,70
	KLM-E CTC 150x1	6	1,44	150		1,00
	KLM-E CTC 200x0.55	6	1,01	200		0,55
	KLM-E CTC 200x0.7	6	1,29	200		0,70
	KLM-E CTC 200x1	6	1,80	200		1,00
	KLM-E CTC 300x0.7	6	1,84	300		0,70
	KLM-E CTC 300x1	6	2,62	300		1,00
	KLM-E CTC 400x0.7	6	2,38	400		0,70
	KLM-E CTC 400x1	6	3,41	400		1,00
	KLM-E CTC 450x1	6	3,80	450		1,00
	KLM-E CTC 500x1	6	4,20	500		1,00
	KLM-E CTC 600x1	6	5,00	600		1,00

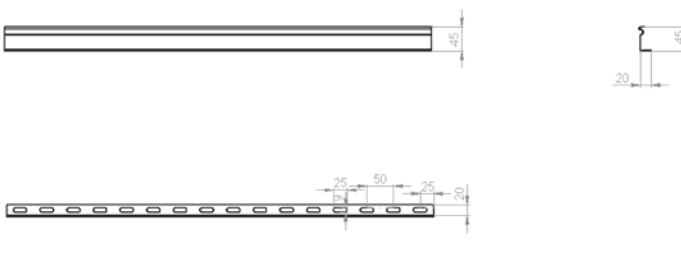
DIVIDERS

KLM-E S | KLM-E SL

KLM-E S



KLM-E SL



Technical specification

Description	Order code	Qty in a package	Weight, kg/m
Cable tray divider (perforated), 3000 mm	KLM-E S 30	6	0,24
	KLM-E S 50	6	0,35
	KLM-E S 65	6	0,49
	KLM-E S 70	6	0,52
	KLM-E S 80	6	0,55
	KLM-E S 100	6	0,68
	KLM-E S 150	6	0,98
	KLM-E S 200	6	1,36
	KLM-E SL 30	6	0,30

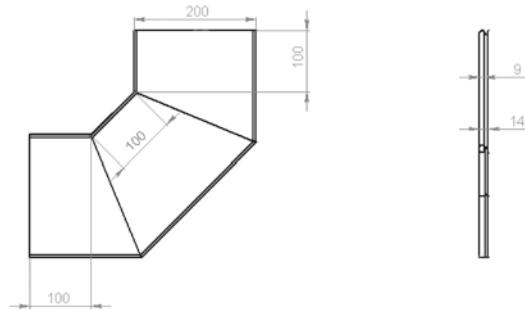
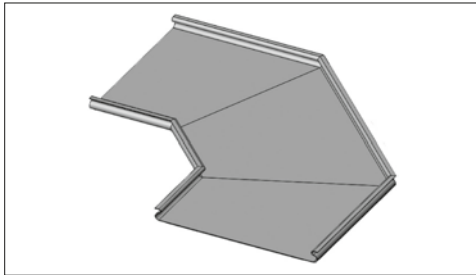
Technical specification

Description	Order code	Qty in a package	Weight, kg/m
Cable tray divider perforated, 3000 mm	KLM-E SL 50	6	0,46
	KLM-E SL 65	6	0,49
	KLM-E SL 70	6	0,54
	KLM-E SL 80	6	0,65
	KLM-E SL 100	6	0,98
	KLM-E SL 150	6	1,26
	KLM-E SL 200	6	1,40

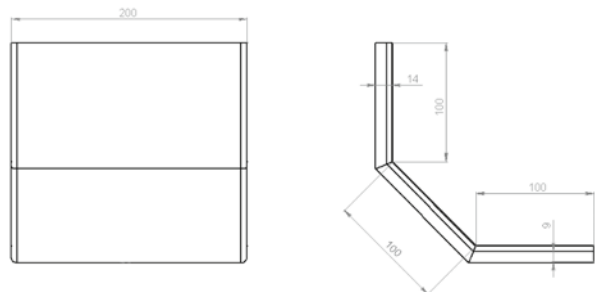
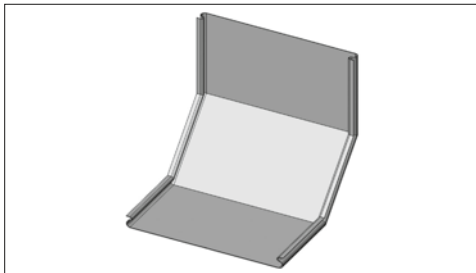
ANGLES COVER

KLM-E CFB | KLM-E CIVB | KLM-E COVB

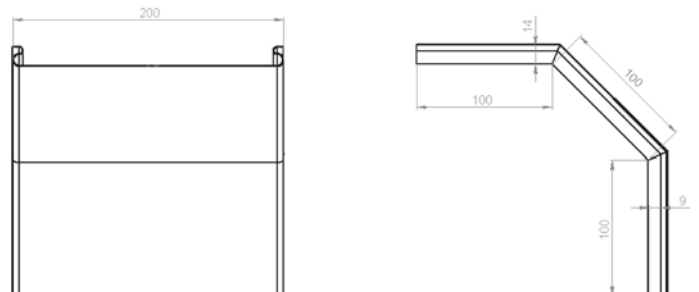
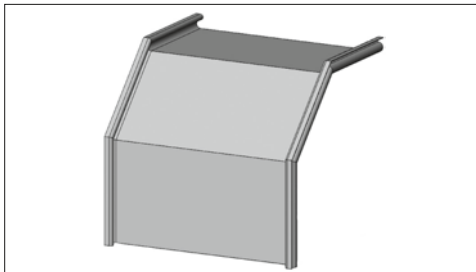
KLM-L CFB 200



KLM-E COVB 200



KLM-E CIVB 200



Technical specification

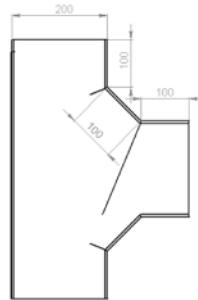
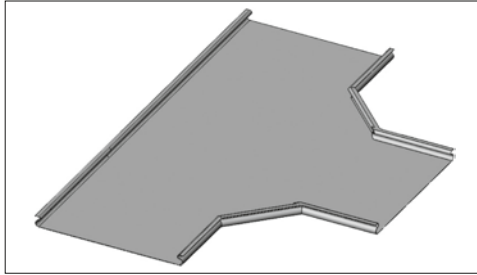
Description	Order code	Weight, kg/m	Width, mm	Thickness, mm
Angle 90;	KLM-E CFB, KLM-E CIVB, KLM-E COVB 50x0.7	0,28	50	0,7
Angle int.;	KLM-E CFB, KLM-E CIVB, KLM-E COVB 50x1.0	0,39	50	1,0
Angle ext.	KLM-E CFB, KLM-E CIVB, KLM-E COVB 100x0.7	0,45	100	0,7
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 100x1.0	0,64	100	1,0
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 150x0.7	0,67	150	0,7

Technical specification

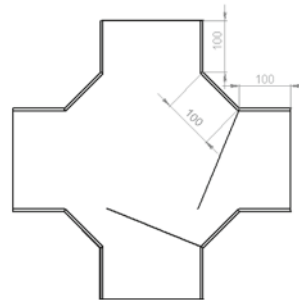
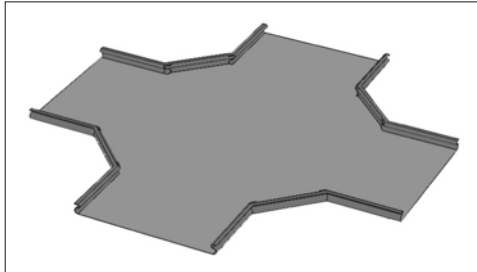
Description	Order code	Weight, kg/m	Width, mm	Thickness, mm
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 150x1.0	0,96	150	1,0
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 200x0.7	0,91	200	0,7
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 200x1.0	1,30	200	1,0
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 300x0.7	1,47	300	0,7
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 300x1.0	2,10	300	1,0
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 400x0.7	2,13	400	0,7
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 400x1.0	3,04	400	1,0
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 500x0.7	2,66	500	0,7
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 500x1.0	3,80	500	1,0
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 600x0.7	3,70	600	0,7
	KLM-E CFB, KLM-E CIVB, KLM-E COVB 600x1.0	5,32	600	1,0

KLM-E CTB | KLM-E CCE

KLM-E CTB 200



KLM-E CCE 200



Technical specification

Description	Order code	Weight, kg/m	Width, mm	Thickness, mm
T-shaped unit cover;	KLM-E CTB, KLM-E CCE 50x0.7	0,74	50	0,7
X-shaped unit cover	KLM-E CTB, KLM-E CCE 50x1.0	1,06	50	1,0
	KLM-E CTB, KLM-E CCE 100x0.7	1,16	100	0,7
	KLM-E CTB, KLM-E CCE 100x1.0	1,66	100	1,0
	KLM-E CTB, KLM-E CCE 150x0.7	1,60	150	0,7
	KLM-E CTB, KLM-E CCE 150x1.0	2,29	150	1,0
	KLM-E CTB, KLM-E CCE 200x0.7	2,07	200	0,7
	KLM-E CTB, KLM-E CCE 200x1.0	2,97	200	1,0
	KLM-E CTB, KLM-E CCE 300x0.7	3,10	300	0,7
	KLM-E CTB, KLM-E CCE 300x1.0	4,42	300	1,0
	KLM-E CTB, KLM-E CCE 400x0.7	4,22	400	0,7
	KLM-E CTB, KLM-E CCE 400x1.0	6,10	400	1,0
	KLM-E CTB, KLM-E CCE 500x1.0	7,81	500	1,0
	KLM-E CTB, KLM-E CCE 600x1.0	9,80	600	1,0

CARRIERS AND CONSOLES

It is made of cold rolled and mild steel of 08 PS (GOST 14918-80), thickness 1,5–2,5 mm, galvanized (T.Senzimir method).

It is used for cable line and wires (maximum 1000V in a load-bearing structures) laying and protection. It is different depends on application purpose.

Structure consists of following:

1. Galvanized steel.
2. Cold rolled steel.
3. "Coat" cover.
4. Powder painting.
5. Hot dip galvanized method.

Type of climatic category

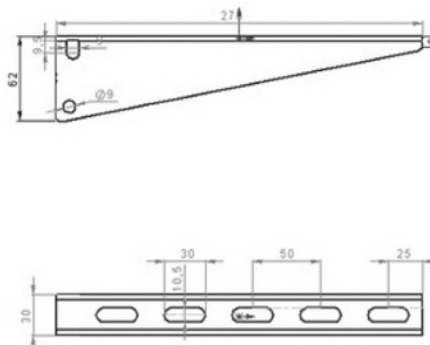
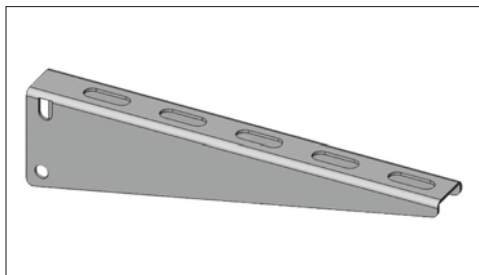
UZ, UHL 2,5, UT1,5

HORIZONTAL CARRIERS

KLM-E WMB

Suspension console is mounted in vertical consoles KLM-E BPWCD, also U-type perforated profile KLM-E PLU 45*30-2,0. Cable route with width up to 600 mm is recommended as application area.

KLM-E WMB 200



Loads point table

Order code	Load, kg
KLM-E WMB 100	180
KLM-E WMB 150	170
KLM-E WMB 200	160
KLM-E WMB 250	150
KLM-E WMB 300	135
KLM-E WMB 350	130
KLM-E WMB 400	125
KLM-E WMB 450	120
KLM-E WMB 500	115
KLM-E WMB 600	105

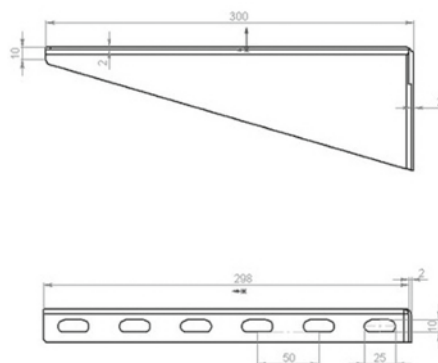
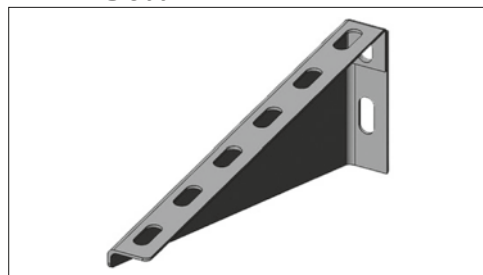
Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Suspension console	KLM-E WMB 100	pcs.	0,16	5	1,5
	KLM-E WMB 150	pcs.	0,25	5	1,5
	KLM-E WMB 200	pcs.	0,33	5	2,0
	KLM-E WMB 300	pcs.	0,62	5	2,0
	KLM-E WMB 400	pcs.	0,80	5	2,0
	KLM-E WMB 500	pcs.	0,84	5	2,0
	KLM-E WMB 600	pcs.	1,01	5	2,0

KLM-E MB

Wall-type suspension console can be used both wall and suspension mounting. It is mounted on KLM-E BPWC and KLM-E BPWC 5 consoles with bolts. Cable route with width up to 200 mm is recommended as application area. Console length is to be longer for 50 mm than cable tray width.

KLM-E MB 300



Loads point table

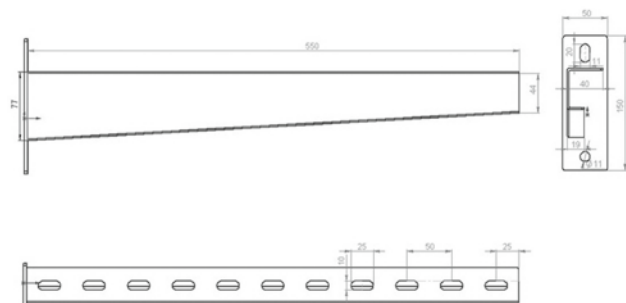
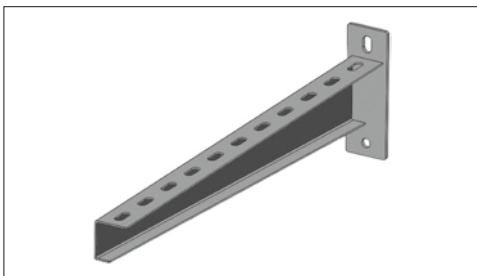
Order code	Load, kg
KLM-E MB 100	150
KLM-E MB 150	150
KLM-E MB 200	150
KLM-E MB 250	140
KLM-E MB 300	125
KLM-E MB 350	120
KLM-E MB 400	115
KLM-E MB 450	110
KLM-E MB 500	105
KLM-E MB 600	95

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Suspension carrier, wall-type	KLM-E MB 100	pcs.	0,22	5	1,5
	KLM-E MB 150	pcs.	0,27	5	1,5
	KLM-E MB 200	pcs.	0,32	5	2,0
	KLM-E MB 300	pcs.	0,40	5	2,0
	KLM-E MB 400	pcs.	0,77	5	2,0
	KLM-E MB 500	pcs.	1,34	5	2,0
	KLM-E MB 600	pcs.	1,61	5	2,0

KLM-E MBH

KLM-E MBH 300

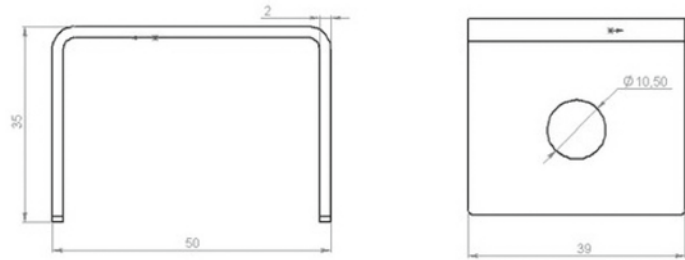
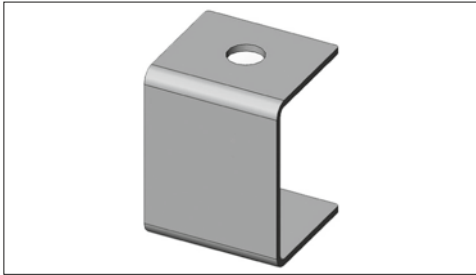


Technical specification

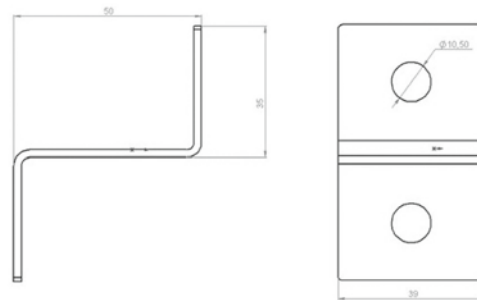
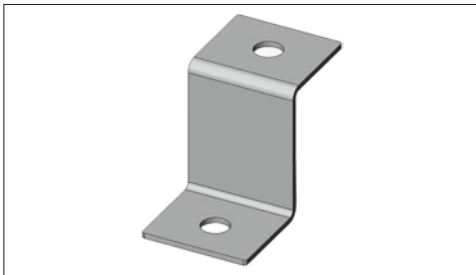
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Carrier, strengthened	KLM-E MBH 200	pcs.	0,48	16	2,0/4
	KLM-E MBH 300	pcs.	0,67	8	2,0/4
	KLM-E MBH 400	pcs.	1,02	4	2,0/4
	KLM-E MBH 500	pcs.	1,35	4	2,0/5
	KLM-E MBH 600	pcs.	1,57	4	2,0/5
Carrier, hot galvanized	KLM-E MBH HD 200	pcs.	0,48	16	2,0/4
	KLM-E MBH HD 300	pcs.	0,67	8	2,5/4
	KLM-E MBH HD 400	pcs.	1,02	4	2,5/4
	KLM-E MBH HD 500	pcs.	1,35	4	2,5/5
	KLM-E MBH HD 600	pcs.	1,57	4	2,5/5

KLM-E SB | KLM-E SBZ

KLM-E SB



KLM-E SBZ



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Ceiling-type carrier, C-shaped	KLM-E SB	pcs.	0,08	10	2
Ceiling-type carrier, Z-shaped	KLM-E SBZ	pcs.	0,08	10	2

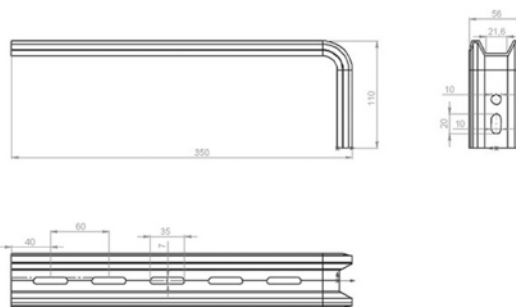
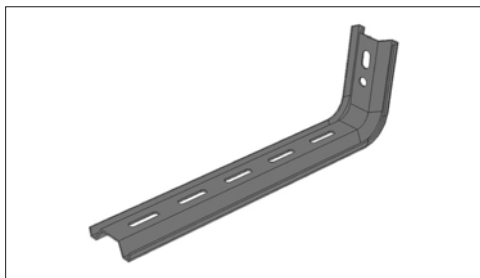
WALL SUSPENSION

It is made of cold rolled and mild steel of 08 PS (GOST 14918-80), thickness 0,55–2 mm, galvanized (T.Senzimir method). It is used for cable lines and insulated wires (maximum 1000V in load-bearing structures) laying and protection.

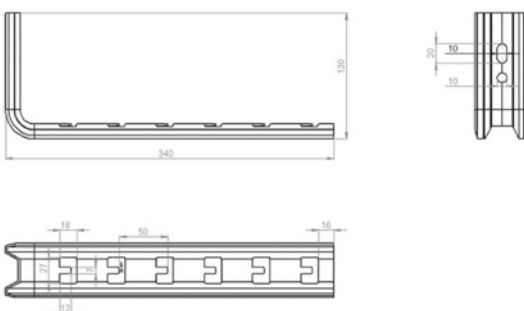
KLM-E OPC | KLM-E OPL

KLM-E OPL and KLM-E OPC – standard or screw-free – can be used both wall and ceiling installation. Cable routes with width up to 400 mm are recommended as application area. Console length is more for 30–35 mm than rated value.

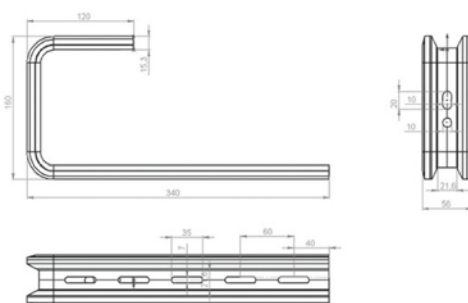
KLM-E OPL 300



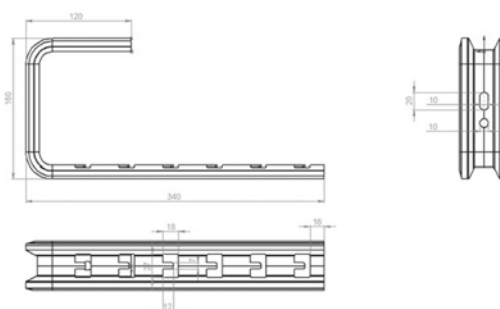
KLM-E OPLS 300



KLM-E OPC 300



KLM-E OPCS 300



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Omega-profile	KLM-E OPL 100	pcs.	0,19	5	1,5
L-shaped	KLM-E OPL 150	pcs.	0,25	5	1,5
	KLM-E OPL 200	pcs.	0,29	5	1,5
	KLM-E OPL 300	pcs.	0,38	5	2,0
	KLM-E OPL 400	pcs.	0,48	5	2,0
Omega-profile	KLM-E OPLS 100	pcs.	0,19	4	1,5
L-shaped screw-free	KLM-E OPLS 200	pcs.	0,25	4	1,5

Technical specification

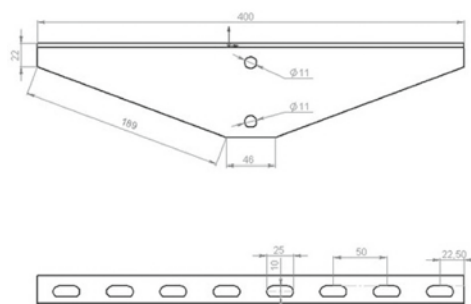
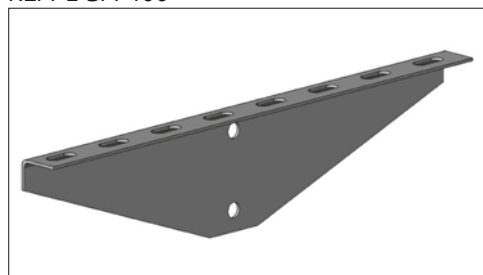
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
	KLM-E OPLS 300	pcs.	0,29	4	1,5
	KLM-E OPLS 400	pcs.	0,38	4	2,0
	KLM-E OPLS 500	pcs.	0,48	4	2,0
Omega-profile	KLM-E OPC 100	pcs.	0,30	4	1,5
C-type	KLM-E OPC 200	pcs.	0,36	4	1,5
	KLM-E OPC 300	pcs.	0,40	4	1,5
	KLM-E OPC 400	pcs.	0,50	4	1,5
	KLM-E OPC 500	pcs.	0,50	4	1,5
Omega-profile	KLM-E OPCS 100	pcs.	0,30	4	1,5
C-type screw-free	KLM-E OPCS 200	pcs.	0,36	4	1,5
	KLM-E OPCS 300	pcs.	0,40	4	1,5
	KLM-E OPCS 400	pcs.	0,50	4	1,5

SUSPENSION UNIT

KLM-E SM is installed in vertical consoles KLM-E BPWC 4. It's structure allows to install the trays by both sides fixing in comparison with vertical console. Cable routes with width up to 300 mm are recommended as application area. It length is recommended to be longer for 50mm than tray's width.

KLM-E SM

KLM-E SM 400



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Bearing unit	KLM-E SM 100	pcs.		4	0,28
	KLM-E SM 200	pcs.		4	0,47
	KLM-E SM 300	pcs.		4	0,66
	KLM-E SM 400	pcs.		4	0,85
	KLM-E SM 600	pcs.		4	1,22
	KLM-E SM 800	pcs.		4	1,22
	KLM-E SM 1000	pcs.		4	1,50
	KLM-E SM 1200	pcs.		4	1,50

INOX

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Suspension carrier, wall mounted	KLM-E MB INOX 100	pcs.	0,22	5	1,5
	KLM-E MB INOX 150	pcs.	0,27	5	1,5
	KLM-E MB INOX 200	pcs.	0,32	5	2,0
	KLM-E MB INOX 300	pcs.	0,40	5	2,0
	KLM-E MB INOX 400	pcs.	0,77	5	2,0
	KLM-E MB INOX 500	pcs.	1,34	5	2,0
	KLM-E MB INOX 600	pcs.	1,61	5	2,0
Wall mounted carrier, strengthened	KLM-E MHB INOX 200	pcs.	0,48	16	2,0
	KLM-E MHB INOX 300	pcs.	0,67	8	2,0
	KLM-E MHB INOX 400	pcs.	1,02	4	2,0
	KLM-E MHB INOX 500	pcs.	1,35	4	2,0
	KLM-E MHB INOX 600	pcs.	1,57	4	2,0
Suspension console of cable tray	KLM-E WMB INOX 100	pcs.	0,16	5	1,5
	KLM-E WMB INOX 150	pcs.	0,25	5	1,5
	KLM-E WMB INOX 200	pcs.	0,33	5	2,0
	KLM-E WMB INOX 300	pcs.	0,62	5	2,0
	KLM-E WMB INOX 400	pcs.	0,80	5	2,0
	KLM-E WMB INOX 500	pcs.	0,84	5	2,0
	KLM-E WMB INOX 600	pcs.	1,01	5	2,0
Ceiling mounted carrier	KLM-E SB INOX	pcs.	0,08	10	2,0
Omega-profile L-shaped	KLM-E OP INOX 100	pcs.	0,19	5	2,0
	KLM-E OP INOX 150	pcs.	0,25	5	1,5
	KLM-E OP INOX 200	pcs.	0,29	5	1,5
	KLM-E OP INOX 300	pcs.	0,38	5	1,5
	KLM-E OP INOX 400	pcs.	0,48	5	1,5
Omega-profile L-shaped screw-free	KLM-E OPS INOX 100	pcs.	0,19	4	1,5
	KLM-E OPS INOX 150	pcs.	0,25	4	1,5
	KLM-E OPS INOX 200	pcs.	0,29	4	1,5
	KLM-E OPS INOX 300	pcs.	0,38	4	1,5
	KLM-E OPS INOX 400	pcs.	0,48	4	1,5
Omega-profile C-type	KLM-E OPC INOX 100	pcs.	0,30	4	1,5
	KLM-E OPC INOX 150	pcs.	0,36	4	1,5
	KLM-E OPC INOX 200	pcs.	0,40	4	1,5
	KLM-E OPC INOX 300	pcs.	0,50	4	1,5
	KLM-E OPC INOX 400	pcs.	0,50	4	1,5
Omega-profile C-type screw-free	KLM-E OPCS INOX 100	pcs.	0,30	4	1,5
	KLM-E OPCS INOX 150	pcs.	0,36	4	1,5
	KLM-E OPCS INOX 200	pcs.	0,40	4	1,5
	KLM-E OPCS INOX 300	pcs.	0,50	4	1,5
Stainless wall-ceiling mounted unit	KLM-E WP INOX 800	pcs.		1	1,22

VERTICAL CONSOLES

It is made of cold rolled and mild steel of 08 PS (GOST 14918-80), thickness 0,55–02 mm, galvanized (T.Senzimir method). These cable trays are used for cable line and insulated wires (maximum 1000V in the load-bearing structures) laying and protection.

Unified units, perforated U-type units are used for vertical consoles. Load carrying units, i.e. support units, takes the cable route loads. Therefore load carrying units are made of material with thickness 2,0–2,5 mm – for profiles; and 5,0–6,0 mm – for base.

Structure consists of following:

1. Galvanized steel.
2. Cold rolled steel.
3. "Coat" cover.
4. Powder painting.
5. Hot dip galvanized method.

Type of climatic category

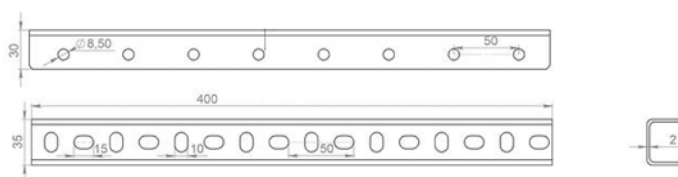
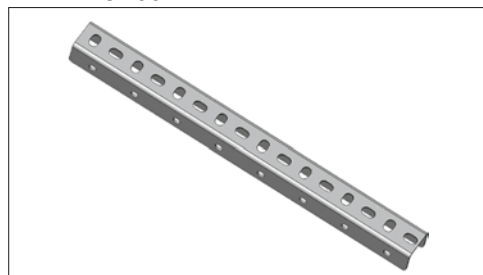
UZ, UHL 2,5, UT1,5

SUSPENSION UNITS

Unified units and perforated U-type units, C stud are foreseen for cable routes ceiling or floor installation. Consoles height (L) is from 400 to 3000 mm and can be changed by 50 mm times. KLM-E BPC, KLM-E BIPC, KLM-E PC, KLM-E BPWC, KLM-E BPWC, KLM-E BPWCH and KLM-E BPWCD are presented samples of vertical consoles.

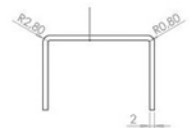
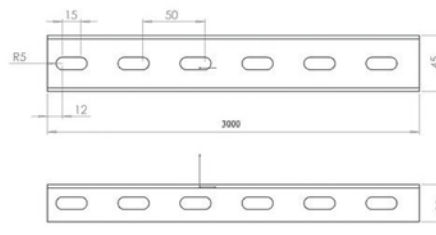
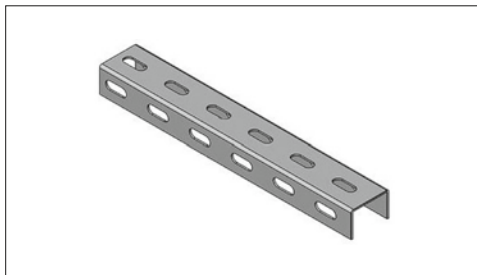
KLM-E PC

KLM-E PC 400



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Ceiling mounted console unit for average loads	KLM-E PC 200	pcs.	0,30	1	2
	KLM-E PC 300	pcs.	0,61	1	2
	KLM-E PC 400	pcs.	0,61	1	2
	KLM-E PC 500	pcs.	0,61	1	2
	KLM-E PC 600	pcs.	0,91	1	2
	KLM-E PC 800	pcs.	1,22	1	2
	KLM-E PC 1000	pcs.	1,52	1	2
	KLM-E PC 1200	pcs.	1,82	1	2
	KLM-E PC 1400	pcs.	2,13	1	2
	KLM-E PC 1800	pcs.	2,74	1	2
	KLM-E PC 2000	pcs.	3,04	1	2
	KLM-E PC 2500	pcs.	3,65	1	2

KLM-E PWC
KLM-E PWC 3000

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Wall-ceiling mounted unit	KLM-E PWC 160	pcs.	0,24	1	2
	KLM-E PWC 200	pcs.	0,30	1	2
	KLM-E PWC 400	pcs.	0,61	1	2
	KLM-E PWC 600	pcs.	0,91	1	2
	KLM-E PWC 800	pcs.	1,22	1	2
	KLM-E PWC 1000	pcs.	1,52	1	2
	KLM-E PWC 1200	pcs.	1,82	1	2
	KLM-E PWC 1400	pcs.	2,13	1	2
	KLM-E PWC 1800	pcs.	2,74	1	2
	KLM-E PWC 2000	pcs.	3,04	1	2
	KLM-E PWC 2400	pcs.	3,65	1	2
	KLM-E PWC 3000	pcs.	4,56	1	2

KLM-E BV

KLM-E BV 150

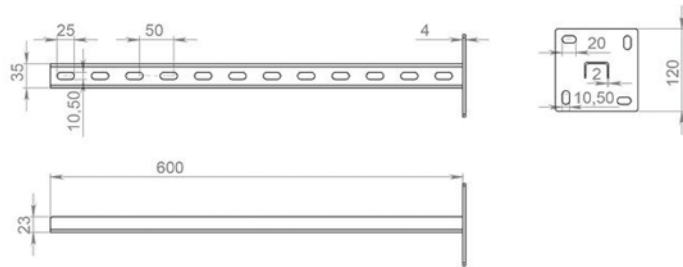


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Pier vertical	KLM-E BV 150	pcs.	0,21	2	2

KLM-E BPVC 4

KLM-E BV 150

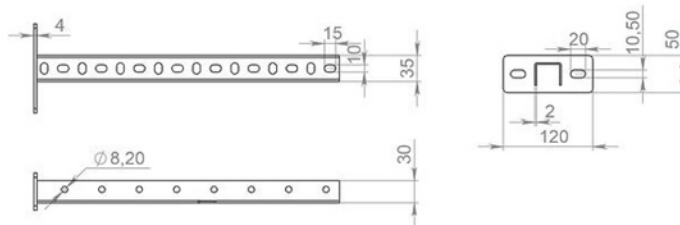


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Vertical console	KLM-E BPVC 4-300	pcs.	0,46	2	2
	KLM-E BPVC 4-400	pcs.	0,50	2	2
	KLM-E BPVC 4-500	pcs.	0,57	2	2
	KLM-E BPVC 4-600	pcs.	0,69	2	2
	KLM-E BPVC 4-800	pcs.	0,92	2	2
	KLM-E BPVC 4-1000	pcs.	1,15	2	2
	KLM-E BPVC 4-1200	pcs.	1,38	2	2
	KLM-E BPVC 4-1500	pcs.	1,72	2	2
	KLM-E BPVC 4-1800	pcs.	2,06	2	2
	KLM-E BPVC 4-2200	pcs.	2,53	2	2
	KLM-E BPVC 4-2200	pcs.	2,53	2	2
	KLM-E BPVC 4-2500	pcs.	2,53	2	2
	KLM-E BPVC 4-2600	pcs.	2,53	2	2
	KLM-E BPVC 4-2700	pcs.	2,53	2	2
	KLM-E BPVC 4-3000	pcs.	2,53	2	2

KLM-E BPC

KLM-E BPC

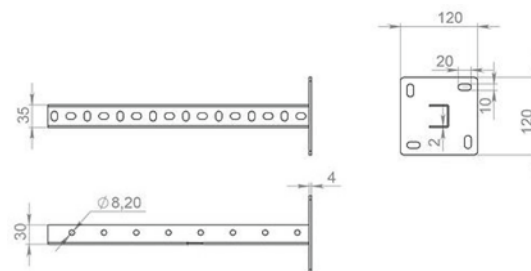


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Ceiling riser, welded	KLM-E BPC 300	pcs.	0,46	2	2
	KLM-E BPC 400	pcs.	0,50	2	2
	KLM-E BPC 500	pcs.	0,57	2	2
	KLM-E BPC 600	pcs.	0,69	2	2
	KLM-E BPC 800	pcs.	0,92	2	2
	KLM-E BPC 1000	pcs.	1,15	2	2
	KLM-E BPC 1200	pcs.	1,38	2	2
	KLM-E BPC 1500	pcs.	1,72	2	2
	KLM-E BPC 1800	pcs.	2,06	2	2
	KLM-E BPC 2200	pcs.	2,53	2	2
	KLM-E BPC 2200	pcs.	2,53	2	2
	KLM-E BPC 2500	pcs.	2,53	2	2

KLM-E BIPC

KLM-E BIPC



Technical specification

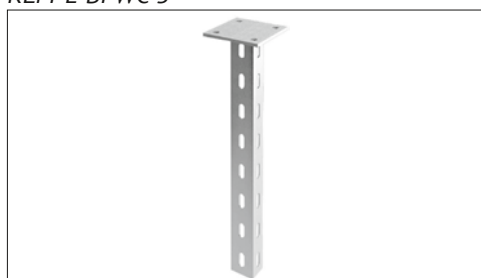
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Ceiling riser, universal, with increased pier	KLM-E BIPC 300	pcs.	0,46	2	2
	KLM-E BIPC 400	pcs.	0,50	2	2
	KLM-E BIPC 500	pcs.	0,57	2	2
	KLM-E BIPC 600	pcs.	0,69	2	2
	KLM-E BIPC 800	pcs.	0,92	2	2
	KLM-E BIPC 1000	pcs.	1,15	2	2
	KLM-E BIPC 1200	pcs.	1,38	2	2

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
	KLM-E BIPC 1500	pcs.	1,72	2	2
	KLM-E BIPC 1800	pcs.	2,06	2	2
	KLM-E BIPC 2200	pcs.	2,53	2	2
	KLM-E BIPC 2200	pcs.	2,53	2	2
	KLM-E BIPC 2500	pcs.	2,53	2	2

KLM-E BPWC 5

KLM-E BPWC 5



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Vertical console	KLM-E BPWC 5-300	pcs.	0,50	2	2
	KLM-E BPWC 5-400	pcs.	0,61	2	2
	KLM-E BPWC 5-500	pcs.	0,72	2	2
	KLM-E BPWC 5-600	pcs.	0,91	2	2
	KLM-E BPWC 5-800	pcs.	1,22	2	2
	KLM-E BPWC 5-1000	pcs.	1,45	2	2
	KLM-E BPWC 5-1200	pcs.	1,83	2	2
	KLM-E BPWC 5-1500	pcs.	2,50	2	2
	KLM-E BPWC 5-1800	pcs.	2,75	2	2
	KLM-E BPWC 5-2000	pcs.	3,20	2	2
	KLM-E BPWC 5-2200	pcs.	3,36	2	2
	KLM-E BPWC 5-2500	pcs.	3,56	2	2
	KLM-E BPWC 5-2600	pcs.	3,86	2	2
	KLM-E BPWC 5-2700	pcs.	3,96	2	2
	KLM-E BPWC 5-3000	pcs.	4,50	2	2

KLM-E BPWCD 5

KLM-E BPWCD 5



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Vertical console	KLM-E BPWCD 5-300	pcs.	1,22	2	2
	KLM-E BPWCD 5-400	pcs.	1,22	2	2
	KLM-E BPWCD 5-500	pcs.	1,84	2	2
	KLM-E BPWCD 5-600	pcs.	2,44	2	2
	KLM-E BPWCD 5-800	pcs.	3,65	2	2
	KLM-E BPWCD 5-1000	pcs.	5,48	2	2
	KLM-E BPWCD 5-1200	pcs.	6,70	2	2
	KLM-E BPWCD 5-1500	pcs.	1,84	2	2
	KLM-E BPWCD 5-1800	pcs.	2,44	2	2
	KLM-E BPWCD 5-2000	pcs.	3,65	2	2
	KLM-E BPWCD 5-2200	pcs.	2,44	2	2
	KLM-E BPWCD 5-2500	pcs.	1,84	2	2
	KLM-E BPWCD 5-2600	pcs.	2,44	2	2
	KLM-E BPWCD 5-2700	pcs.	3,65	2	2
	KLM-E BPWCD 5-3000	pcs.	5,48	2	2

KLM-E BPWCH

KLM-E BPWCH

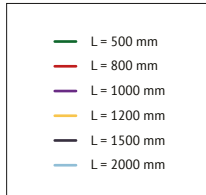
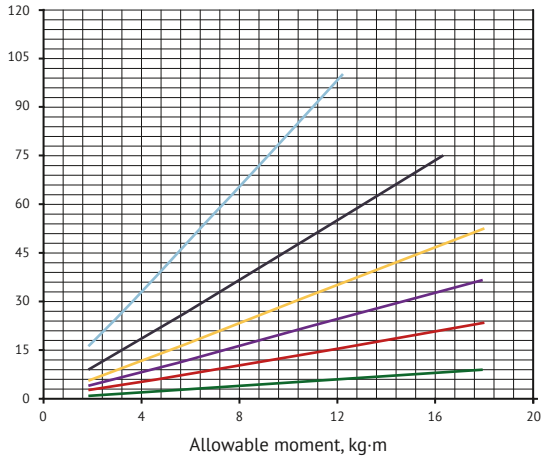


Technical specification

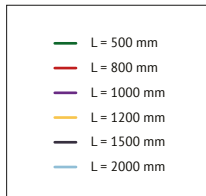
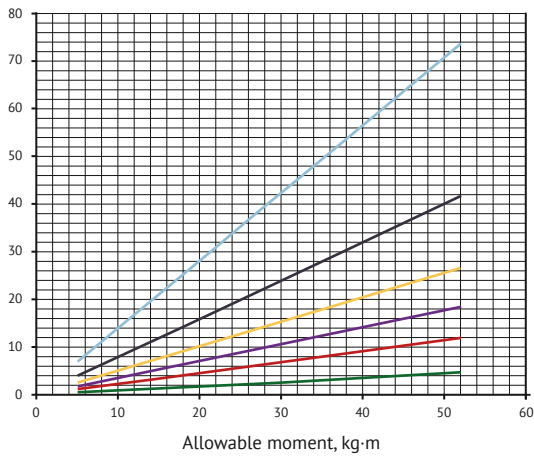
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Thickness, mm
Vertical console strengthened	KLM-E BPWCH 300	pcs.	0,61	2	2
	KLM-E BPWCH 400	pcs.	0,61	2	2
	KLM-E BPWCH 500	pcs.	0,61	2	2
	KLM-E BPWCH 600	pcs.	0,91	2	2
	KLM-E BPWCH 800	pcs.	1,22	2	2
	KLM-E BPWCH 1000	pcs.	1,22	2	2
	KLM-E BPWCH 1200	pcs.	1,83	2	2
	KLM-E BPWCH 1500	pcs.	2,75	2	2
	KLM-E BPWCH 1800	pcs.	2,75	2	2
	KLM-E BPWCH 2000	pcs.	3,36	2	2
	KLM-E BPWCH 2200	pcs.	3,36	2	2
	KLM-E BPWCH 2500	pcs.	3,36	2	2
	KLM-E BPWCH 2600	pcs.	3,36	2	2
	KLM-E BPWCH 2700	pcs.	3,36	2	2
	KLM-E BPWCH 3000	pcs.	3,36	2	2

LOAD DIAGRAM

KLM-E BIPC



KLM-E BPWCD 5

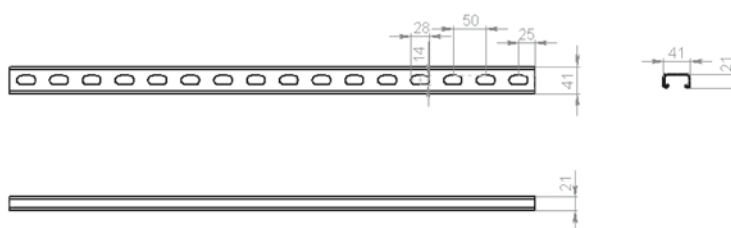


STRUT-PROFILES SYSTEM

STRUT-PROFILE

KLM-E PS

KLM-E PS 41x21



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
STRUT-PROFILE	KLM-E PS 41x21x1.5	m	1,12	3
	KLM-E PS 41x21x2	m	1,34	3
	KLM-E PS 41x21x2.5	m	1,67	3
	KLM-E PS 41x41x1.5	m	1,60	3
	KLM-E PS 41x41x2	m	1,98	3
	KLM-E PS 41x41x2.5	m	2,47	3
STRUT-PROFILE, hot galvanized	KLM-E PS-HD 41x21x2.5	m	1,74	3
	KLM-E PS-HD 41x41x2.5	m	2,68	3

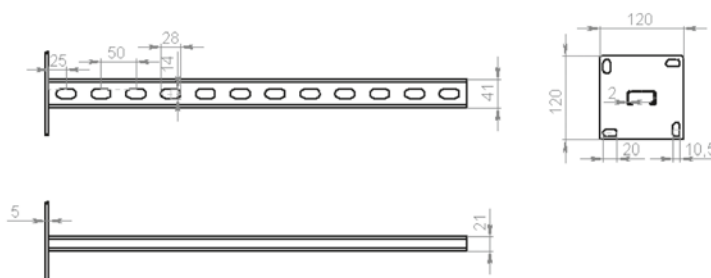
STRUT VERTICAL RISER

KLM-E BPS

Pier 120x120x5 mm

Simple profile 41x21x2,5 mm

KLM-E BPS 600



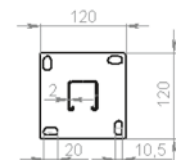
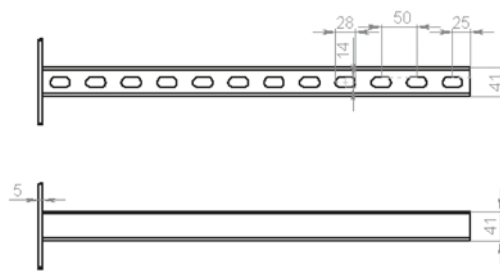
Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Vertical riser	KLM-E BPS 150	pcs.	0,75	1
Strut	KLM-E BPS 200	pcs.	0,83	1
	KLM-E BPS 300	pcs.	1,00	1
	KLM-E BPS 400	pcs.	1,17	1
	KLM-E BPS 500	pcs.	1,34	1
	KLM-E BPS 600	pcs.	1,50	1
	KLM-E BPS 700	pcs.	1,67	1
	KLM-E BPS 800	pcs.	1,84	1
	KLM-E BPS 900	pcs.	2,00	1
	KLM-E BPS 1000	pcs.	2,17	1
	KLM-E BPS 1200	pcs.	2,50	1
	KLM-E BPS 1500	pcs.	3,01	1
	KLM-E BPS 1800	pcs.	3,51	1
	KLM-E BPS 2000	pcs.	3,84	1
	KLM-E BPS 2200	pcs.	4,17	1
	KLM-E BPS 2400	pcs.	4,51	1
	KLM-E BPS 2500	pcs.	4,68	1
	KLM-E BPS 2600	pcs.	4,84	1
	KLM-E BPS 2700	pcs.	5,01	1
	KLM-E BPS 3000	pcs.	5,51	1

KLM-E BPSH

Pier 120x120x5 mm
Simple profile 41x41x2,5 mm

KLM-E BPSH 600



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Vertical riser	KLM-E BPSH 150	pcs.	0,87	1
Strut	KLM-E BPSH 200	pcs.	0,99	1
	KLM-E BPSH 300	pcs.	1,24	1
	KLM-E BPSH 400	pcs.	1,49	1
	KLM-E BPSH 500	pcs.	1,74	1
	KLM-E BPSH 600	pcs.	1,98	1
	KLM-E BPSH 700	pcs.	2,23	1
	KLM-E BPSH 800	pcs.	2,48	1
	KLM-E BPSH 900	pcs.	2,72	1
	KLM-E BPSH 1000	pcs.	2,97	1
	KLM-E BPSH 1200	pcs.	3,46	1
	KLM-E BPSH 1500	pcs.	4,21	1

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Vertical riser	KLM-E BPSH 1800	pcs.	4,95	1
Strut	KLM-E BPSH 2000	pcs.	5,44	1
	KLM-E BPSH 2200	pcs.	5,93	1
	KLM-E BPSH 2400	pcs.	6,43	1
	KLM-E BPSH 2500	pcs.	6,68	1
	KLM-E BPSH 2600	pcs.	6,92	1
	KLM-E BPSH 2700	pcs.	7,17	1
	KLM-E BPSH 3000	pcs.	7,91	1

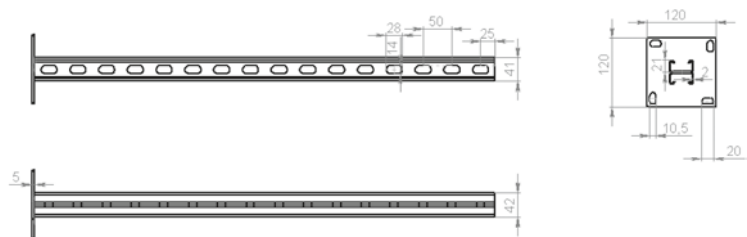
VERTICAL RISER DOUBLE STRUT

KLM-E BPSD

Pier 120x120x5 mm

Simple profile 41x21x2,5 mm

KLM-E BPSD 600



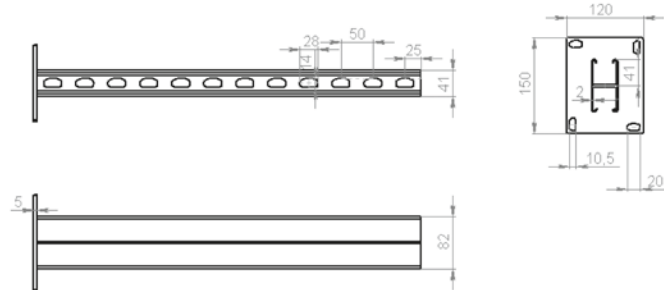
Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Vertical riser	KLM-E BPSD 150	pcs.	1,00	1
double Strut	KLM-E BPSD 200	pcs.	1,17	1
	KLM-E BPSD 300	pcs.	1,50	1
	KLM-E BPSD 400	pcs.	1,84	1
	KLM-E BPSD 500	pcs.	2,17	1
	KLM-E BPSD 600	pcs.	2,50	1
	KLM-E BPSD 700	pcs.	2,84	1
	KLM-E BPSD 800	pcs.	3,17	1
	KLM-E BPSD 900	pcs.	3,51	1
	KLM-E BPSD 1000	pcs.	3,84	1
	KLM-E BPSD 1200	pcs.	4,51	1
	KLM-E BPSD 1500	pcs.	5,51	1
	KLM-E BPSD 1800	pcs.	6,51	1
	KLM-E BPSD 2000	pcs.	7,18	1
	KLM-E BPSD 2200	pcs.	7,85	1
	KLM-E BPSD 2400	pcs.	8,52	1
	KLM-E BPSD 2500	pcs.	8,85	1
	KLM-E BPSD 2600	pcs.	9,18	1
	KLM-E BPSD 2700	pcs.	9,52	1
	KLM-E BPSD 3000	pcs.	10,52	1

KLM-E BPSHD

Pier 120x120x5 mm
Simple profile 41x41x2,5 mm

KLM-E BPSHD 600



Technical specification

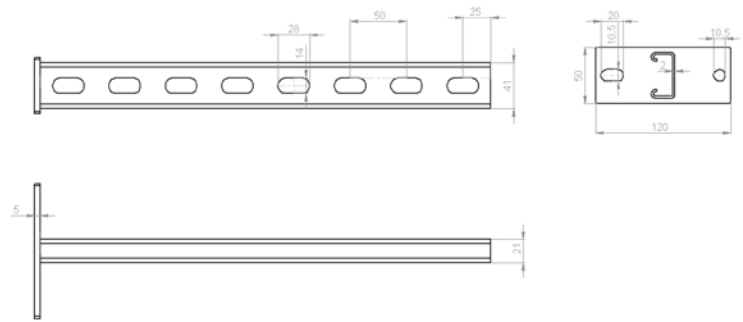
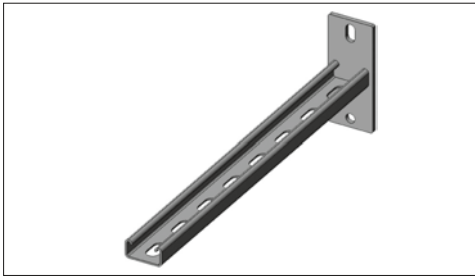
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Vertical riser	KLM-E BPSHD 150	pcs.	1,17	1
double Strut	KLM-E BPSHD 200	pcs.	1,29	1
	KLM-E BPSHD 300	pcs.	1,54	1
	KLM-E BPSHD 400	pcs.	1,79	1
	KLM-E BPSHD 500	pcs.	2,04	1
	KLM-E BPSHD 600	pcs.	2,28	1
	KLM-E BPSHD 700	pcs.	2,53	1
	KLM-E BPSHD 800	pcs.	2,78	1
	KLM-E BPSHD 900	pcs.	3,02	1
	KLM-E BPSHD 1000	pcs.	3,27	1
	KLM-E BPSHD 1200	pcs.	6,93	1
	KLM-E BPSHD 1500	pcs.	8,41	1
	KLM-E BPSHD 1800	pcs.	9,89	1
	KLM-E BPSHD 2000	pcs.	10,88	1
	KLM-E BPSHD 2200	pcs.	11,87	1
	KLM-E BPSHD 2400	pcs.	12,86	1
	KLM-E BPSHD 2500	pcs.	13,35	1
	KLM-E BPSHD 2600	pcs.	13,84	1
	KLM-E BPSHD 2700	pcs.	14,34	1
	KLM-E BPSHD 3000	pcs.	15,82	1

CARRIERS STRUT

KLM-E PSW

Pier 120x50x4 mm
Simple profile 41x21x2,5 mm

KLM-E PSW 400



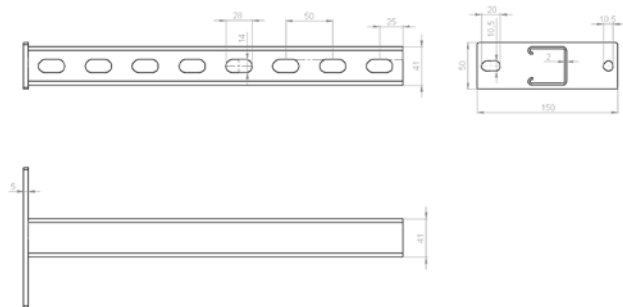
Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Carrier Strut	KLM-E PSW 100	pcs.	0,25	1
	KLM-E PSW 150	pcs.	0,33	1
	KLM-E PSW 200	pcs.	0,50	1
	KLM-E PSW 300	pcs.	0,67	1
	KLM-E PSW 400	pcs.	0,84	1
	KLM-E PSW 500	pcs.	1,00	1
	KLM-E PSW 600	pcs.	1,17	1
	KLM-E PSW 700	pcs.	1,34	1
	KLM-E PSW 800	pcs.	1,50	1
	KLM-E PSW 900	pcs.	1,67	1
KLM-E PSW 1000	pcs.	2,00	1	

KLM-E PSWH

Pier 150x50x5 mm
Simple profile 41x41x2,5 mm

KLM-E PSW 400



Technical specification

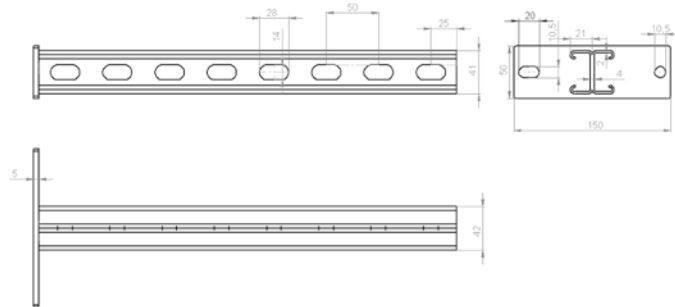
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Carrier Strut	KLM-E PSWH 100	pcs.	0,50	1
	KLM-E PSWH 150	pcs.	0,62	1
	KLM-E PSWH 200	pcs.	0,74	1
	KLM-E PSWH 300	pcs.	0,99	1
	KLM-E PSWH 400	pcs.	1,24	1
	KLM-E PSWH 500	pcs.	1,49	1
	KLM-E PSWH 600	pcs.	1,73	1
	KLM-E PSWH 700	pcs.	1,98	1
	KLM-E PSWH 800	pcs.	2,23	1
	KLM-E PSWH 900	pcs.	2,47	1
KLM-E PSWH 1000	pcs.	2,72	1	

CARRIERS DOUBLE STRUT

KLM-E PSWD

Pier 120x50x4 mm
Profile simple 41x21x2,5 mm

KLM-E PSWD 400



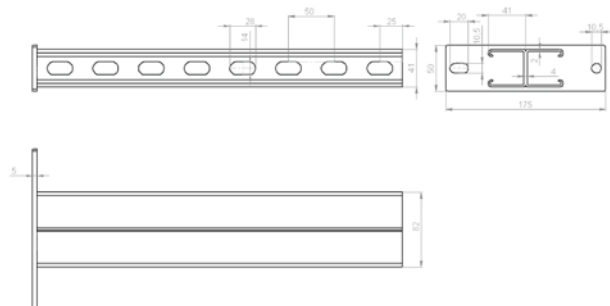
Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Carrier double Strut	KLM-E PSWD 100	pcs.	0,68	1
	KLM-E PSWD 150	pcs.	0,75	1
	KLM-E PSWD 200	pcs.	0,92	1
	KLM-E PSWD 300	pcs.	1,25	1
	KLM-E PSWD 400	pcs.	1,59	1
	KLM-E PSWD 500	pcs.	1,92	1
	KLM-E PSWD 600	pcs.	2,25	1
	KLM-E PSWD 700	pcs.	2,59	1
	KLM-E PSWD 800	pcs.	2,92	1
	KLM-E PSWD 900	pcs.	3,26	1
	KLM-E PSWD 1000	pcs.	3,59	1

KLM-E PSWDH

Pier 175x50x5 mm
Profile simple 41x41x2,5 mm

KLM-E PSWDH



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Carrier double Strut	KLM-E PSWDH 100	pcs.	0,74	1
	KLM-E PSWDH 150	pcs.	0,99	1
	KLM-E PSWDH 200	pcs.	1,24	1
	KLM-E PSWDH 300	pcs.	1,73	1

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Carrier	KLM-E PSWDH 400	pcs.	2,23	1
double Strut	KLM-E PSWDH 500	pcs.	2,72	1
	KLM-E PSWDH 600	pcs.	3,21	1
	KLM-E PSWDH 700	pcs.	3,71	1
	KLM-E PSWDH 800	pcs.	4,20	1
	KLM-E PSWDH 900	pcs.	4,70	1
	KLM-E PSWDH 1000	pcs.	5,19	1

CARRIER C-SHAPED PROFILE 40x40

KLM-E PSWLC

Pier 120x50x4 mm
 Profile simple 40x40x1,5 mm

KLM-E PSWLC



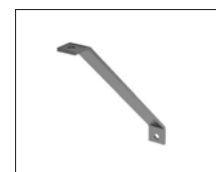
Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Carrier	KLM-E PSWLC 100	pcs.	-	1
C-shaped profile	KLM-E PSWLC 150	pcs.	-	1
	KLM-E PSWLC 200	pcs.	-	1
	KLM-E PSWLC 300	pcs.	-	1
	KLM-E PSWLC 400	pcs.	-	1
	KLM-E PSWLC 500	pcs.	-	1
	KLM-E PSWLC 600	pcs.	-	1
	KLM-E PSWLC 700	pcs.	-	1
	KLM-E PSWLC 800	pcs.	-	1
	KLM-E PSWLC 900	pcs.	-	1
	KLM-E PSWLC 1000	pcs.	-	1

KLM-E UKO

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Bracket	KLM-E UKO 200	pcs.	-	1
	KLM-E UKO 300	pcs.	-	1
	KLM-E UKO 400	pcs.	-	1
	KLM-E UKO 500	pcs.	-	1



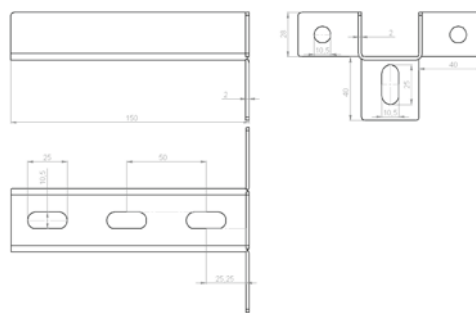
It is used for increasing the carrying capacity of consoles and suspensions of C-shaped profile. Thickness 4 mm.

SUSPENSION

SUSPENSION

KLM-E MCU

KLM-E MCU



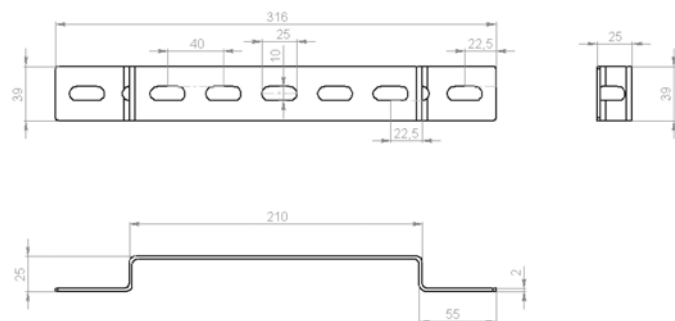
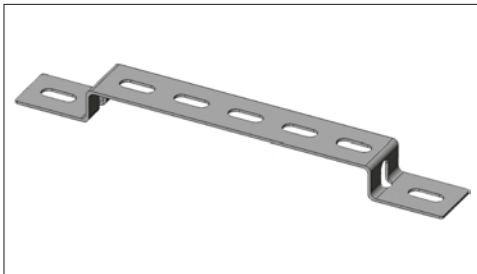
Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Combined carrier, ceiling	KLM-E MCU	pcs.	0,34	10

KLM-E FWF

Wall and floor fixing is used for not only horizontally and vertically fixing of cable trays, but support plate.

KLM-E FWF 200



Technical specification

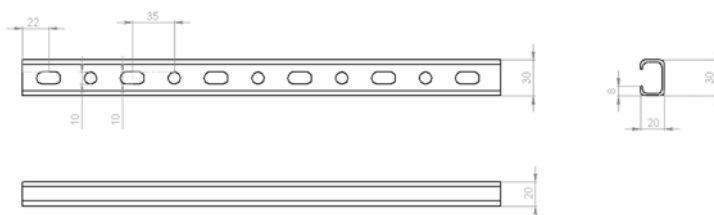
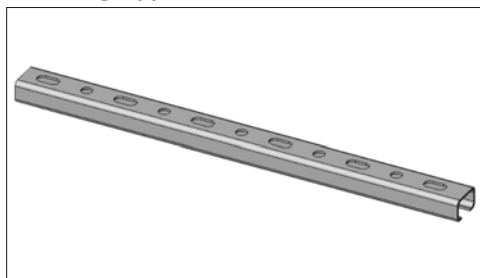
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Fixing, wall and floor	KLM-E FWF 100	pcs.	0,10	10
	KLM-E FWF 150	pcs.	0,15	10
	KLM-E FWF 200	pcs.	0,20	10
	KLM-E FWF 300	pcs.	0,25	10

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
	KLM-E FWF 400	pcs.	0,30	10
	KLM-E FWF 500	pcs.	0,25	10
	KLM-E FWF 600	pcs.	0,30	10

KLM-E PS

KLM-E PS 400

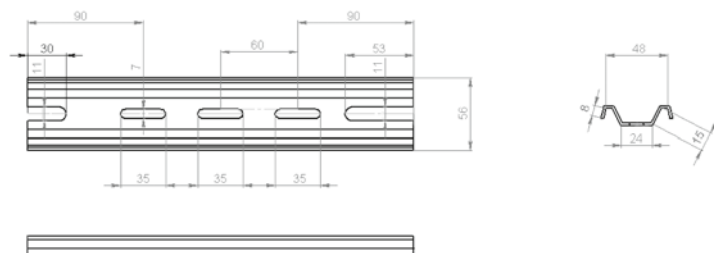
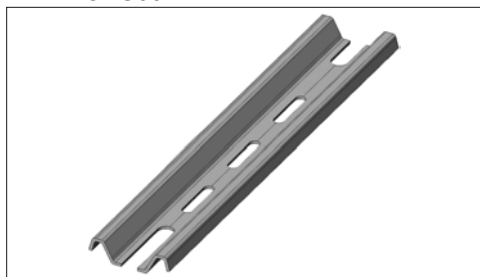


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Suspension unit	KLM-E PS 100	pcs.	0,23	4
	KLM-E PS 150	pcs.	0,23	4
	KLM-E PS 200	pcs.	0,34	4
	KLM-E PS 300	pcs.	0,46	4
	KLM-E PS 400	pcs.	0,57	4
	KLM-E PS 500	pcs.	0,69	4
	KLM-E PS 600	pcs.	0,80	4

KLM-E OP

KLM-E OP 300

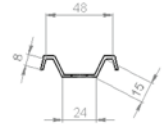
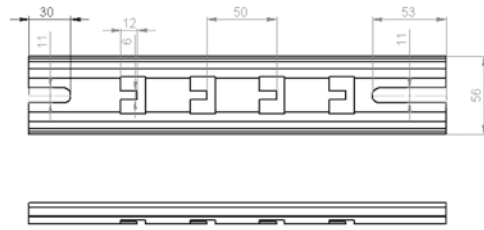
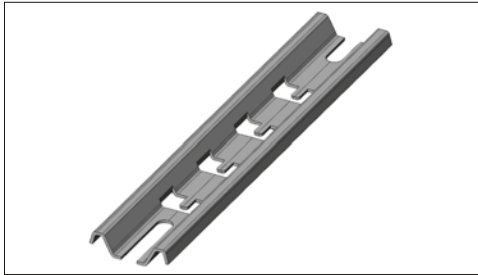


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Omega-Profile	KLM-E OP 200	pcs.	0,22	20
	KLM-E OP 300	pcs.	0,31	20
	KLM-E OP 400	pcs.	0,41	20
	KLM-E OP 500	pcs.	0,50	20

KLM-E OPS

KLM-E OPS 300



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Omega-Profile screw-free	KLM-E OPS	pcs.	0,08	10
	KLM-E OPS	pcs.	0,18	10
	KLM-E OPS	pcs.	0,22	10
	KLM-E OPS	pcs.	0,31	10
	KLM-E OPS	pcs.	0,41	10
	KLM-E OPS	pcs.	0,50	10

KLM-E S

KLM-E S



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Staple	KLM-E S 8	pcs.	0,20	100
	KLM-E S 10	pcs.	0,22	100
	KLM-E S 12	pcs.	0,24	100

KLM-E FC M*KLM-E FC M***Technical specification**

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Ceiling and profiled	KLM-E FC M 8	pcs.	0,12	100
flooring mounting	KLM-E FC M 10	pcs.	0,14	100

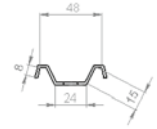
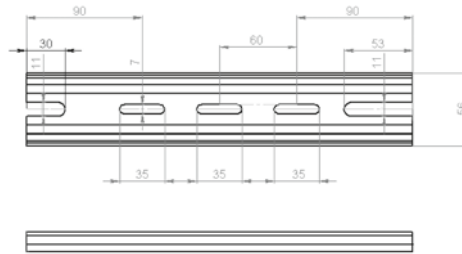
KLM-E TP*KLM-E TP***Technical specification**

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Perforated tape	KLM-E TP 20x0.7x25	m	2,50	25
	KLM-E TP 20x0.55x50	m	2,50	50
	KLM-E TP 20x0.55x25	m	1,20	25

STAINLESS STEEL INOX

KLM-E OP INOX

KLM-E OP 300 INOX

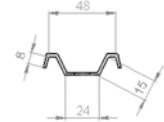
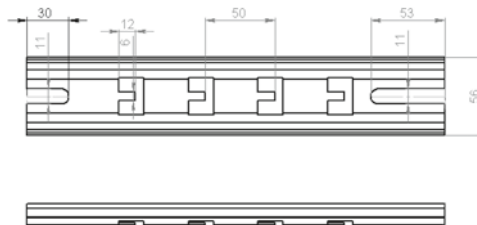
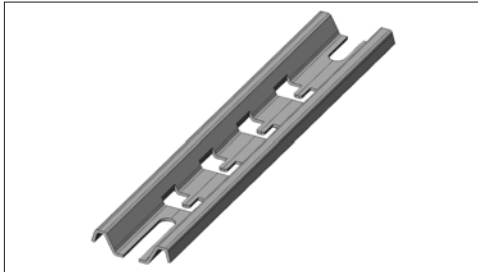


Technical specification

Description	Order code	Unit of measure	Length, mm	Weight, kg/m	Qty in a package
Omega-profile	KLM-E OP 200 INOX	pcs.	250	0,22	20
	KLM-E OP 300 INOX	pcs.	350	0,31	20
	KLM-E OP 400 INOX	pcs.	450	0,41	20
	KLM-E OP 500 INOX	pcs.	550	0,50	20

KLM-E OPS INOX

KLM-E OPS 300 INOX



Technical specification

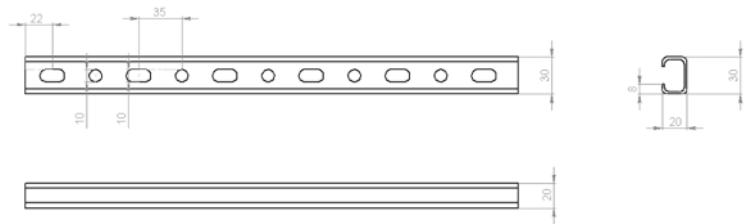
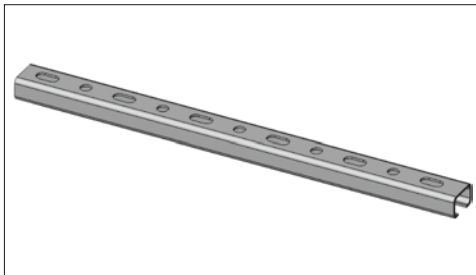
Description	Order code	Unit of measure	Length, mm	Weight, kg/m	Qty in a package
Omega-profile screw-free	KLM-E OPS 100 INOX	pcs.	150	0,08	10
	KLM-E OPS 150 INOX	pcs.	190	0,18	10
	KLM-E OPS 200 INOX	pcs.	250	0,22	10
	KLM-E OPS 300 INOX	pcs.	350	0,31	10
	KLM-E OPS 400 INOX	pcs.	450	0,41	10
	KLM-E OPS 500 INOX	pcs.	550	0,50	10

PROFILES

PROFILES

KLM-E PLC

KLM-E PLC

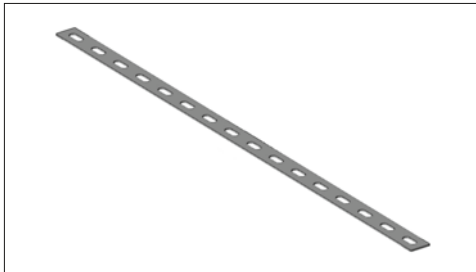


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Edge, mm
Profile (perforated)	KLM-E PLC 30x20x1000x1.5	m	0,82	3	30	20
C-shaped (welded support)	KLM-E PLC 30x20x3000x1.5	m	0,82	3	30	20
	KLM-E PLC 30x20x2000x1.5	m	0,82	3	30	20
	KLM-E PLC 40x20x2000x2	m	0,82	3	30	20
	KLM-E PLC 40x38x3000x1.2	m	0,82	3	30	20
	KLM-E PLC 40x38x3000x1.5	m	0,82	3	30	20

KLM-E LP

KLM



Technical specification

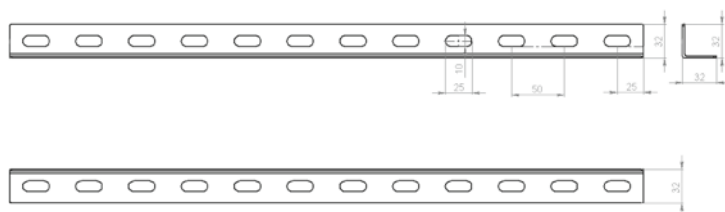
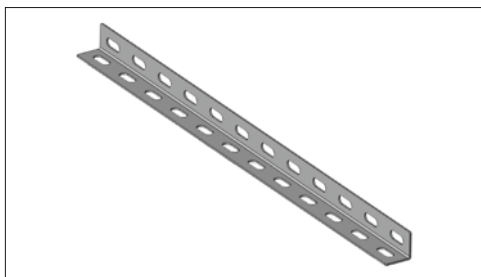
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Thickness, mm
Perforated bar	KLM-E LP 30x1.5	m	0,35	1	30	1,5
	KLM-E LP 30x2	m	0,47	1	30	2,0

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Thickness, mm
	KLM-E LP 30x3	m	0,70	1	30	3,0
	KLM-E LP 40x1.5	m	0,47	1	40	1,5
	KLM-E LP 40x2	m	0,63	1	40	2,0
	KLM-E LP 40x3	m	0,94	1	40	3,0

KLM-E PLL

KLM-E PLL

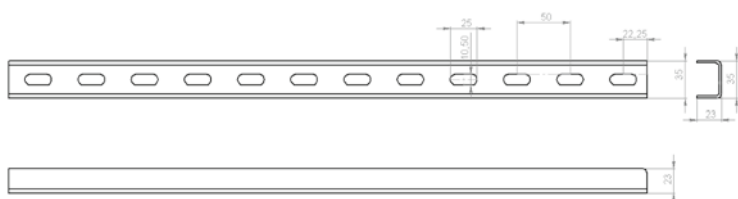
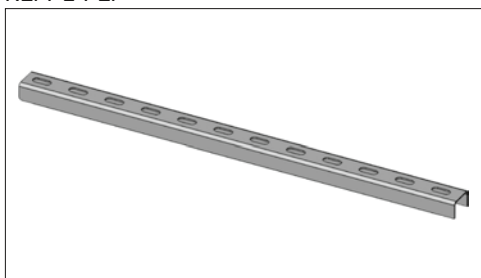


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Thickness, mm
L-type profile	KLM-E PLL 30x30x2	m	0,72	1	32	1,5
	KLM-E PLL 32x32x1.5	m	0,72	1	32	1,5
	KLM-E PLL 32x32x1.5	m	0,72	1	32	1,5
	KLM-E PLL 32x32x2.0	m	0,94	1	32	2,0
	KLM-E PLL 32x32x2.0	m	0,94	1	32	2,0
	KLM-E PLL 35x35x1.5	m	0,79	1	35	1,5
	KLM-E PLL 35x35x2.0	m	1,04	1	35	2,0
	KLM-E PLL 40x40x1.5	m	0,91	1	40	1,5
	KLM-E PLL 40x40x1.5	m	0,91	1	40	1,5
	KLM-E PLL 40x40x2.0	m	1,19	1	40	2,0
	KLM-E PLL 40x40x2.0	m	1,19	1	40	2,0
	KLM-E PLL 45x45x3.0	m	2,02	1	45	3,0
	KLM-E PLL 50x50x1.5	m	1,14	1	50	1,5
	KLM-E PLL 50x50x1.5	m	1,14	1	50	1,5
	KLM-E PLL 50x50x2.0	m	1,49	1	50	2,0
	KLM-E PLL 50x50x2.0	m	1,49	1	50	2,0

KLM-E PLP

KLM-E PLP

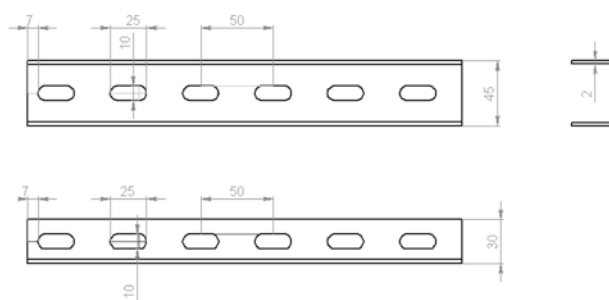
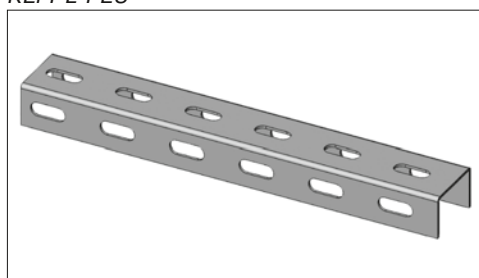


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Thickness, mm
Profile P-shaped	KLM-E PLP 32x32x2	m	1,29	1	30	2,0
	KLM-E PLP 32x32x1.5	m	0,69	1	32	2,0
	KLM-E PLP 35x23x1.5	m	0,90	1	35	1,5
	KLM-E PLP 35x23x2	m	1,15	1	35	2,0
	KLM-E PLP 40x30x2	m	0,97	1	40	2,0
	KLM-E PLP 40x40x1.5	m	0,97	1	40	2,0
	KLM-E PLP 40x40x2	m	1,76	1	40	2,0
	KLM-E PLP 40x40x3	m	2,54	1	40	3,0
	KLM-E PLP 45x30x1.5	m	1,17	1	45	1,5
	KLM-E PLP 45x30x2	m	1,52	1	45	2,0
	KLM-E PLP 50x40x2	m	1,92	1	50	2,0
	KLM-E PLP 60x32x1.5	m	1,39	1	60	1,5
	KLM-E PLP 60x32x2	m	1,82	1	60	2,0
	KLM-E PLP 60x40x1.5	m	1,58	1	60	1,5
	KLM-E PLP 60x40x2	m	2,07	1	60	2,0
	KLM-E PLP 60x40x2.5	m	2,55	1	60	2,5
	KLM-E PLP 70x45x1.5	m	1,81	1	70	1,5
	KLM-E PLP 70x45x2	m	2,39	1	70	2,0
	KLM-E PLP 80x40x1.5	m	1,81	1	80	1,5
	KLM-E PLP 80x40x2	m	2,39	1	80	2,0
KLM-E PLP 80x40x2.5	m	2,94	1	90	2,5	
KLM-E PLP 90x45x3	m	3,96	1	90	3,0	
KLM-E PLP 100x50x1.5	m	2,28	1	100	1,5	
KLM-E PLP 100x40x2	m	2,70	1	100	2,0	

KLM-E PLU

KLM-E PLU



Technical specification

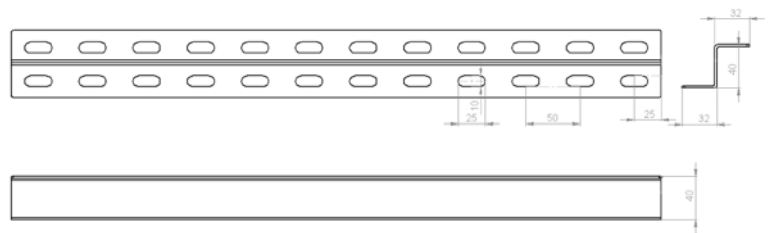
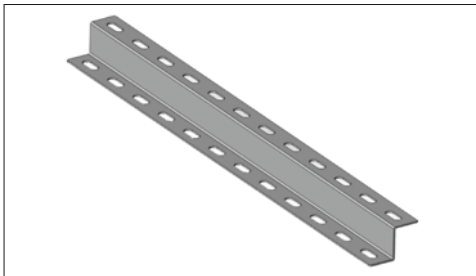
Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Thickness, mm
Profile U-shaped	KLM-E PLU 30x30x2	m	1,76	1	30	2,0
	KLM-E PLU 40x40x2	m	1,76	1	40	2,0
	KLM-E PLU 40x40x3	m	2,61	1	40	3,0
	KLM-E PLU 50x30x3	m	2,61	1	40	3,0
	KLM-E PLU 45x45x3	m	2,97	1	45	3,0
	KLM-E PLU 45x30x1.5	m	1,20	1	45	1,5
	KLM-E PLU 45x30x2	m	1,52	1	45	2,0
	KLM-E PLU 45x30x2.5	m	1,52	1	45	2,0
	KLM-E PLU 50x50x2	m	2,00	1	50	2,0
	KLM-E PLU 50x50x3	m	3,32	1	50	3,0

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Thickness, mm
	KLM-E PLU 60x32x1.5	m	1,46	1	60	1,5
	KLM-E PLU 60x32x2	m	1,82	1	60	2,0
	KLM-E PLU 60x32x2.5	m	2,29	1	60	2,5
	KLM-E PLU 60x40x1.5	m	1,49	1	60	1,5
	KLM-E PLU 60x40x2	m	1,58	1	60	2,0
	KLM-E PLU 60x40x2.5	m	2,60	1	60	2,5
	KLM-E PLU 70x45x1.5	m	1,81	1	70	1,5
	KLM-E PLU 70x45x2	m	2,39	1	70	2,0
	KLM-E PLU 70x60x1.5	m	2,17	1	70	1,5
	KLM-E PLU 80x40x1.5	m	1,81	1	80	1,5
	KLM-E PLU 80x40x2	m	2,39	1	80	2,0
	KLM-E PLU 80x40x2.5	m	2,99	1	80	2,5

KLM-E PLZ

KLM-E PLZ



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	Base, mm	Thickness, mm
Profile Z-shaped	KLM-E PLZ 32x40x32x1.5	m	1,15	1	-	1,5
	KLM-E PLZ 32x40x32x2	m	1,51	1	-	2,0
	KLM-E PLZ 32x40x32x2.5	m	1,51	1	-	2,5
	KLM-E PLZ 32x40x32x3	m	1,51	1	-	3,0
	KLM-E PLZ 30x50x30x1.5	m	1,22	1	-	1,5
	KLM-E PLZ 30x50x30x2	m	1,60	1	-	2,0
	KLM-E PLZ 30x50x30x2.5	m	1,60	1	-	2,5
	KLM-E PLZ 30x50x30x3	m	1,60	1	-	3,0
	KLM-E PLZ 60x40x40x1.5	m	1,58	1	-	1,5
	KLM-E PLZ 60x40x40x2	m	2,07	1	-	2,0
	KLM-E PLZ 60x40x40x2.5	m	2,07	1	-	2,5
	KLM-E PLZ 60x40x40x3	m	2,07	1	-	3,0
	KLM-E PLZ 60x40x35x2	m	1,99	1	-	2,0

SUSPENSION SOLUTIONS

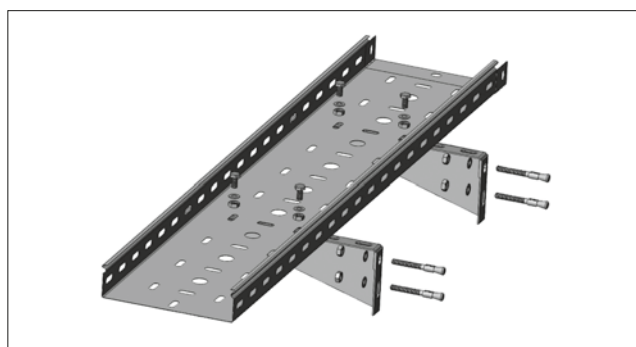
Assembly work №1

Carrier KLM-E WMB
Riser KLM-E BV 150
Profile KLM-E PC



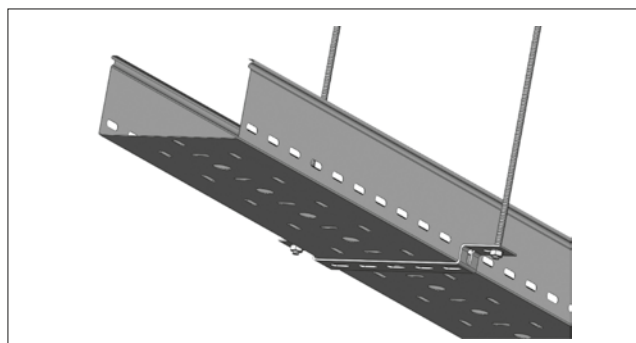
Assembly work №2

Carrier KLM-E MB
Perforated cable tray KLM-E CTPL



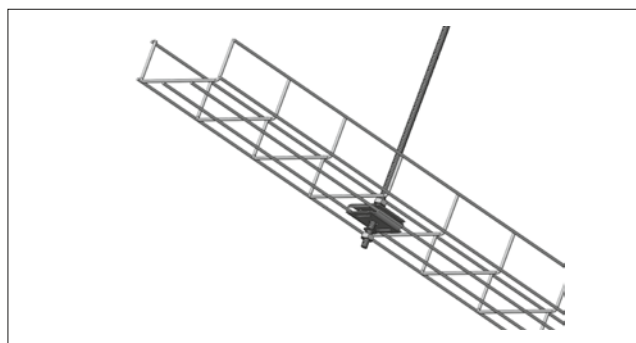
Assembly work №3

Perforated cable tray KLM-E CTPL
Fixing KLM-E FWF



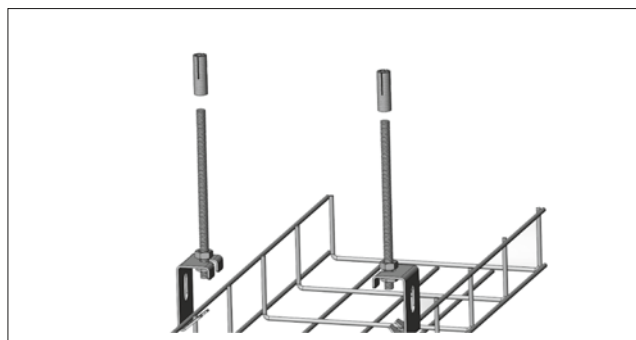
Assembly work №4

Wire mesh cable tray KLM-E TTK
Area KLM-E FFS
Stud-bolt



Assembly work №5

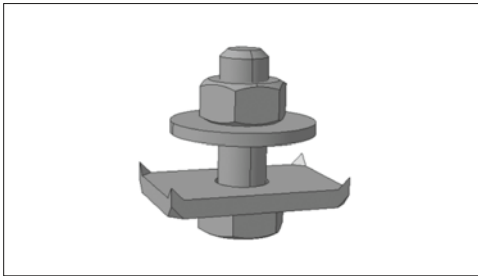
Wire mesh cable tray KLM-E TTK
Hook KLM-E HK
Stud-bolt



BRACER AND CLAMP

KLM-E PR-LCT

KLM-E PR-LCT

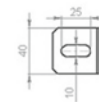
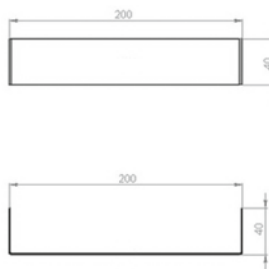
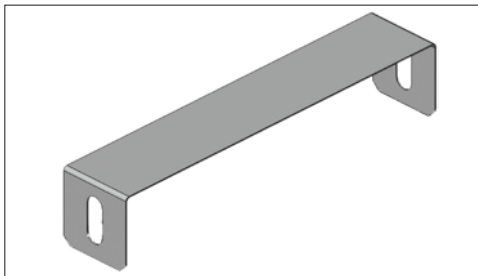


Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Bracer for ladder-type cable tray (set).	KLM-E PR-LCT	pcs.	0,12	1

KLM-E BI

KLM-E BI



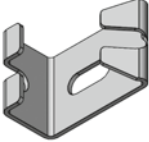
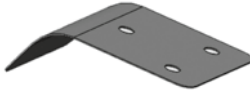




Technical specification



Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Internal clamp	KLM-E BI 100	pcs.	0,15	10
	KLM-E BI 150	pcs.	0,15	10
	KLM-E BI 200	pcs.	0,20	10
	KLM-E BI 300	pcs.	0,25	10
	KLM-E BI 400	pcs.	0,30	10
	KLM-E BI 500	pcs.	0,25	10
	KLM-E BI 600	pcs.	0,30	10

COMPONENTS

COMPONENTS

Description	Order code	Unit of measure	Weight, kg	Qty in a package	
Simple connector (set)	KLM-E JO	pcs.	0,02	8	
Double connector (set)	KLM-E JD	pcs.	0,03	50	
Suspension hook at stud-bolt	KLM-E HK	pcs.	0,08	50	
Slope of wire mesh cable tray	KLM-E CTTK	pcs.	0,06	20	
Connector of wire mesh cable tray (screw-free)	KLM-E JTTKS	pcs.	0,08	50	
Connector of wire mesh cable tray (perforated)	KLM-E JTTPK	pcs.	0,06	20	
Area for suspension at stud-bolt 52x52	KLM-E FFS	pcs.	0,05	50	

COMPONENTS STAINLESS INOX

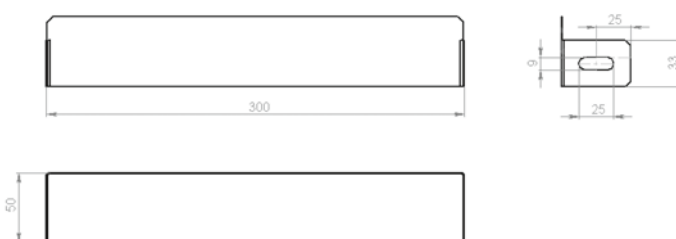
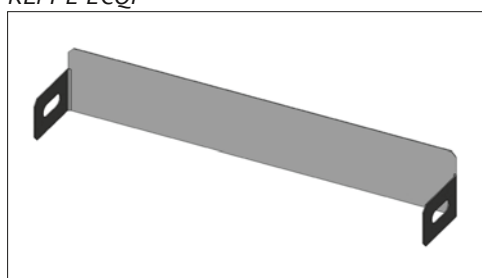
Description	Order code	Unit of measure	Weight, kg	Qty in a package	
Simple connector (set) INOX	KLM-E JO	pcs.	0,02	50	
Double connector (set) INOX	KLM-E JD	pcs.	0,03	50	
Connector of wire mesh cable tray screw-free INOX	KLM JTTS	pcs.	0,08	50	
Connector of wire mesh cable tray (perforated) INOX	KLM-E JTTP	pcs.	0,06	20	
Unit for stud suspension 52x52 INOX	KLM-E FFS	pcs.	0,05	50	
Universal wired-circuit board INOX	KLM-E MDU	pcs.	0,07	10	

END CAP AND CONDUCTORS

END CAP

KLM-E ECQF

KLM-E ECQF



Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
End cap	KLM-E ECQF 50x50	pcs.	0,05	1
	KLM-E ECQF 100x50	pcs.	0,07	1
	KLM-E ECQF 150x50	pcs.	0,08	1
	KLM-E ECQF 200x50	pcs.	0,10	1
	KLM-E ECQF 300x50	pcs.	0,14	1
	KLM-E ECQF 400x50	pcs.	0,18	1
	KLM-E ECQF 500x50	pcs.	0,22	1
	KLM-E ECQF 600x50	pcs.	0,26	1
	KLM-E ECQF 100x80	pcs.	0,05	1
	KLM-E ECQF 150x80	pcs.	0,07	1
	KLM-E ECQF 200x80	pcs.	0,08	1
	KLM-E ECQF 300x80	pcs.	0,10	1
	KLM-E ECQF 400x80	pcs.	0,14	1
	KLM-E ECQF 500x80	pcs.	0,18	1
	KLM-E ECQF 600x80	pcs.	0,22	1
	KLM-E ECQF 100x100	pcs.	0,26	1
	KLM-E ECQF 150x100	pcs.	0,05	1
	KLM-E ECQF 200x100	pcs.	0,07	1
	KLM-E ECQF 300x100	pcs.	0,08	1
	KLM-E ECQF 400x100	pcs.	0,10	1
	KLM-E ECQF 500x100	pcs.	0,14	1
	KLM-E ECQF 600x100	pcs.	0,18	1
	KLM-E ECQF 150x150	pcs.	0,22	1
	KLM-E ECQF 200x150	pcs.	0,26	1
	KLM-E ECQF 300x150	pcs.	0,05	1
	KLM-E ECQF 400x150	pcs.	0,07	1

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
	KLM-E ECQF 500x150	pcs.	0,08	1
	KLM-E ECQF 600x150	pcs.	0,08	1
	KLM-E ECQF 200x200	pcs.	0,10	1
	KLM-E ECQF 300x200	pcs.	0,14	1
	KLM-E ECQF 400x200	pcs.	0,18	1
	KLM-E ECQF 500x200	pcs.	0,22	1
	KLM-E ECQF 600x200	pcs.	0,26	1

CONDUCTORS

KLM-E EC | KLM-E ECP

Technical specification

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package
Earthing connector universal (copper, wire with lug)	KLM-E EC	pcs.	0,04	50
Earthing connector universal (copper)	KLM-E ECP	pcs.	0,04	10

JOINT UNITS

JOINT UNITS

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	
Perforated angle unit	KLM-E CMP	pcs.	0,04	1	
Angle joint unit	KLM-E JPC	pcs.	0,04	1	
Universal joint plate(40x100*2mm)	KLM-E JPU	pcs.	0,04	1	
Universal joint plate(40x200*2mm)	KLM-E JPU 200	pcs.	0,04	1	
Universal joint	KLM-E JPP	pcs.	0,04	1	
Heavy universal joint	KLM-E JPH	pcs.	0,1	1	
Heavy universal joint 1,2	KLM-E JPH 1,2	pcs.	0,1	1	
U-type joint	KLM-E JMB 45x30	pcs.	0,1	1	
	KLM-E JMB 35x23	pcs.	0,1	1	
	KLM-E JMB 50x50	pcs.	0,1	1	
	KLM-E JMB 40x30	pcs.	0,1	1	
	KLM-E JMB 41x41	pcs.	0,1	1	
Supporting universal joint	KLM-E JSU	pcs.	0,31	1	

Description	Order code	Unit of measure	Weight, kg/m	Qty in a package	
Universal-joint (set)	KLM-E JHU	pcs.	0,12	1	
Side-mounted joint	KLM-E JS 50	pcs.	0,10	1	
	KLM-E JS 100	pcs.	0,28	1	
	KLM-E JS 150	pcs.	0,36	1	
	KLM-E JS 200	pcs.	0,44	1	
	KLM-E JS 250	pcs.	0,52	1	
	KLM-E JS 300	pcs.	0,60	1	
	KLM-E JS 350	pcs.	0,67	1	
	KLM-E JS 400	pcs.	0,75	1	
	KLM-E JS 450	pcs.	0,83	1	
	KLM-E JS 500	pcs.	0,91	1	
	KLM-E JS 550	pcs.	0,99	1	
	Base-mounted joint	KLM-E JBT 30	pcs.	0,04	
KLM-E JBT 40		pcs.	0,05	1	
KLM-E JBT 50		pcs.	0,05	1	
KLM-E JBT 60		pcs.	0,06	1	
KLM-E JBT 100		pcs.	0,09	1	
KLM-E JBT 150		pcs.	0,13	1	
KLM-E JBT 200		pcs.	0,17	1	
KLM-E JBT 300		pcs.	0,25	1	
Joint-adapter	KLM-E JR 50x25	pcs.	0,11	1	
	KLM-E JR 50x50	pcs.	0,12	1	
	KLM-E JR 50x75	pcs.	0,13	1	
	KLM-E JR 50x100	pcs.	0,14	1	
	KLM-E JR 50x150	pcs.	0,16	1	
	KLM-E JR 80x25	pcs.	0,16	1	
	KLM-E JR 80x50	pcs.	0,18	1	
	KLM-E JR 80x75	pcs.	0,19	1	
	KLM-E JR 80x100	pcs.	0,21	1	
	KLM-E JR 80x150	pcs.	0,25	1	
	KLM-E JR 100x25	pcs.	0,19	1	
	KLM-E JR 100x50	pcs.	0,22	1	
	KLM-E JR 100x75	pcs.	0,24	1	
	KLM-E JR 100x100	pcs.	0,26	1	
KLM-E JR 100x150	pcs.	0,30	1		




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