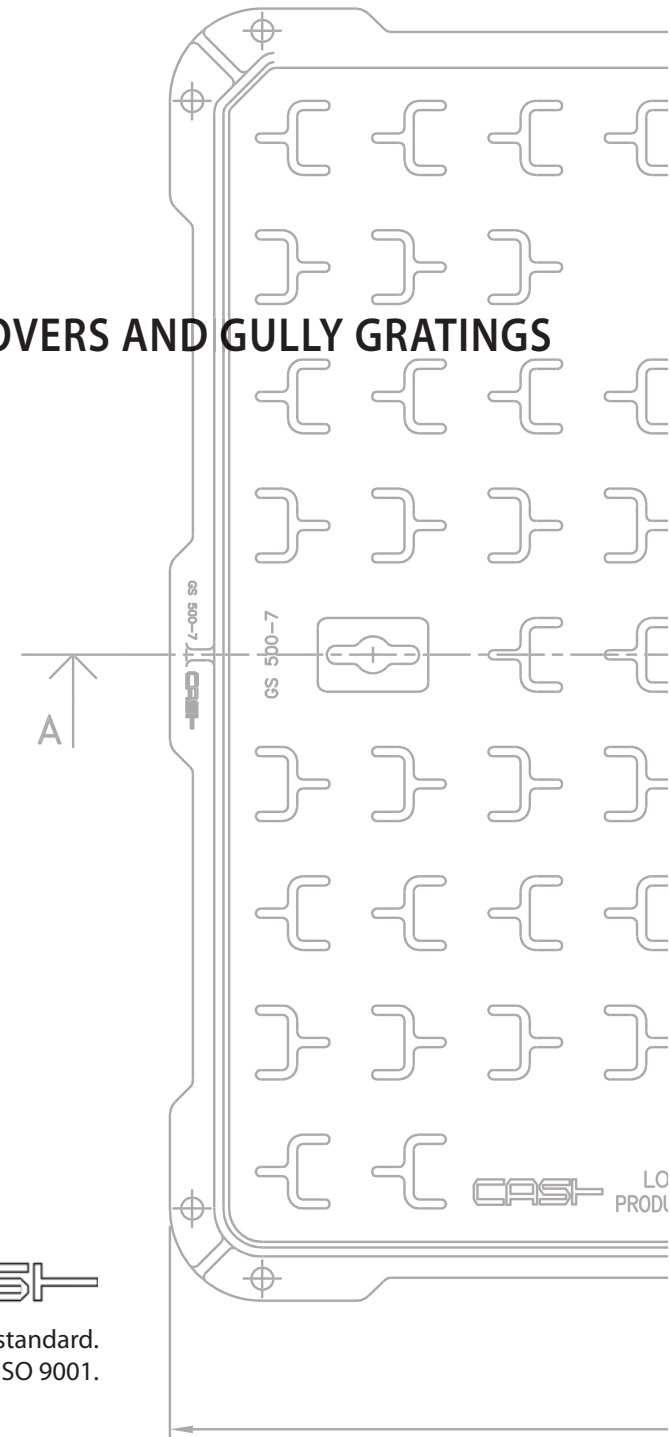


# eiko

## DUCTILE IRON MANHOLE COVERS AND GULLY GRATINGS



Produced and certified in compliance with the EN 124 standard.  
Manufactured in sites complying with a Quality Assurance System ISO 9001.

## Manhole COVER EKO DIAP

### Product specifications

EKO DIAP is a ductile iron (500-7/GJS 500-7 ISO 1083 (1987) / EN 1563) manhole cover compliant with EN 124 and with the product quality brand, issued by an independent certification body.

Main parts:

- Square cover, designed with anti-slip surface and a slot for lifting with a crowbar or a pickaxe.
- Square base frame with a "U" section designed to create a siphon with the bottom edge of the cover making an odorless system when filled with a mixture of grease and sand.

The base has a wider area on the four corners to ensure adherence and stability on the manhole.

All parts are coated with water-soluble protective paint.

**All components of the access cover have casted markings, positioned to remain visible after installation:**

- Standard reference (UNI-EN 124 or EN 124);
- Class;
- Name or logo of the manufacturer;
- Place of manufacture (may be a code registered with the certifying body);
- Product quality label, issued by an independent certification body, to guarantee the characteristics declared by the manufacturer.

**This product comes with the following technical documents:**

- ISO 9001 certificate with indication of the manufacturing place.
- Product quality certificate issued according to EN 124 standard.

**On request we can provide:**

- Report of the mechanical tests (load bearing capacity test – permanent set test) run on the product according to the provisions of EN 124 standard - Section 8;
- Chemical analysis and mechanical tests performed on ductile iron according to ISO 1083 or EN1563 for grading 500-7/GJS 500-7.

## Gully GRATING EKO

### Product specifications

It is a ductile iron (500-7/GJS 500-7 ISO 1083 (1987) / EN 1563) gully hinged grating compliant with EN 124 and with the product quality brand, issued by an independent certification body.

Main parts:

- Square hinged grating with a design that guarantees the ideal water flow and the safety of all types of traffic.
- Square base frame with the inner edge designed to house a polypropylene siphon.
- The base has a wider area on the four corners to ensure adherence and stability on the manhole.

All parts are coated with water-soluble protective paint.

All components of the access cover have casted markings, positioned to remain visible after installation:

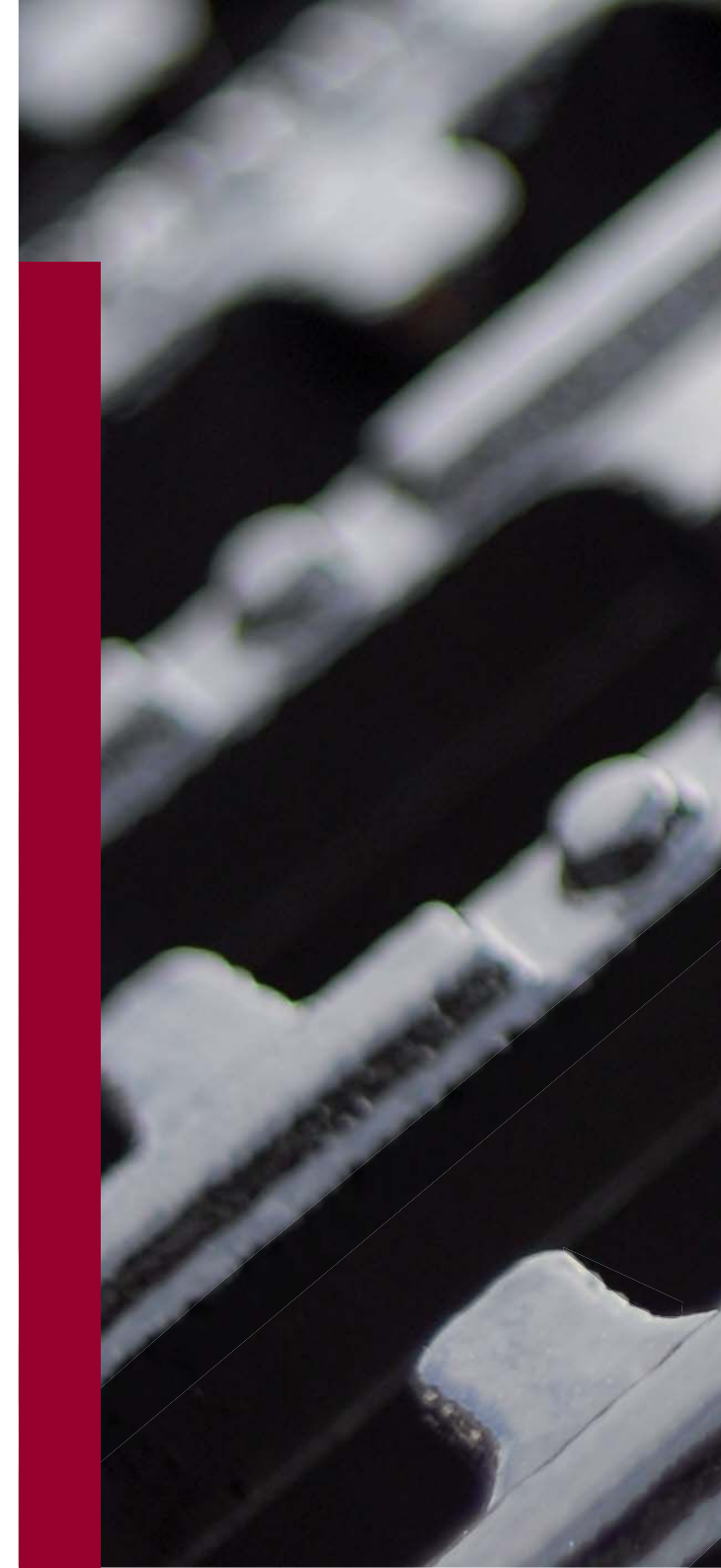
- Standard reference (UNI-EN 124 or EN 124);
- Class;
- Name or logo of the manufacturer;
- Place of manufacture (may be a code registered with the certifying body);
- Product quality label, issued by independent certification body, to guarantee the characteristics declared by the manufacturer.

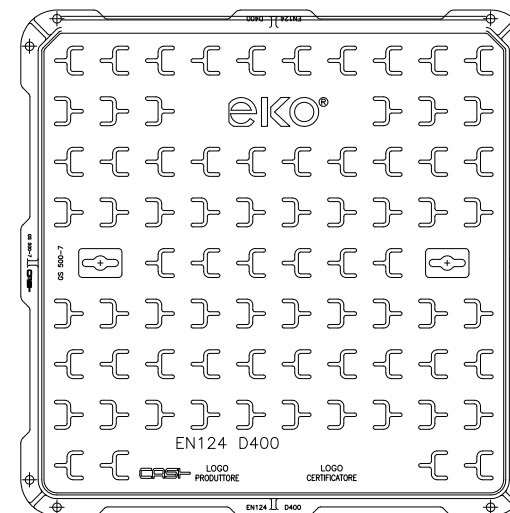
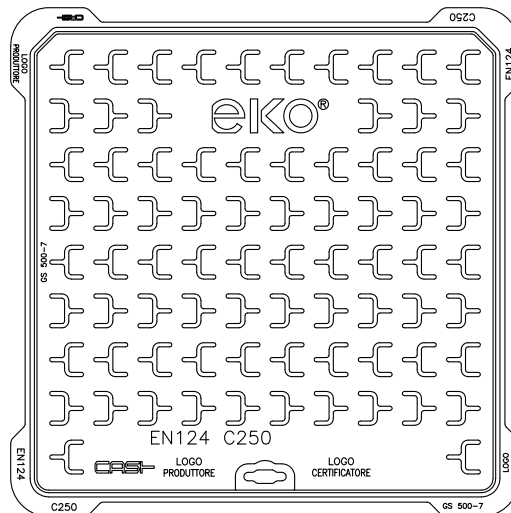
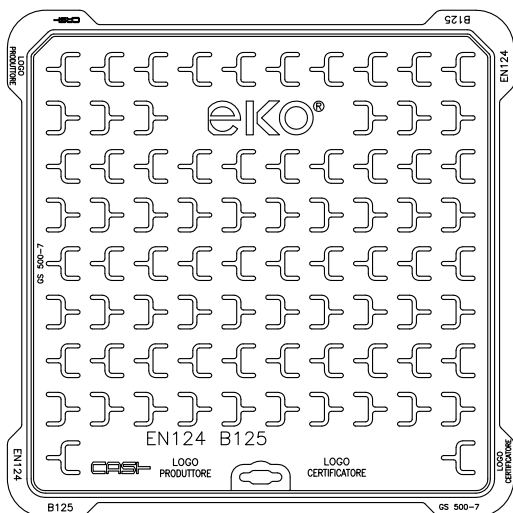
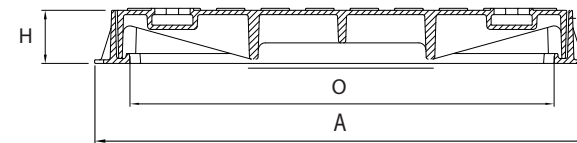
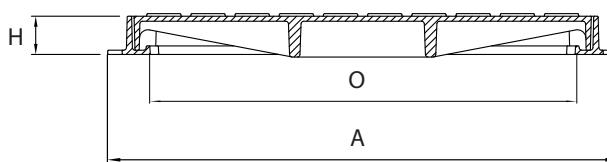
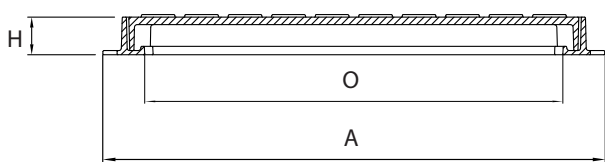
**This product comes with the following technical documents:**

- ISO 9001 certificate with indication of the manufacturing place.
- Product quality certificate issued according to EN 124 standard.

**On request we can provide:**

- Report of the mechanical tests (load bearing capacity test – permanent set test) run on the product according to the provisions of EN 124 standard - Section 8;
- Chemical analysis and mechanical tests performed on ductile iron according to ISO 1083 or EN1563 for grading 500-7/GJS 500-7.



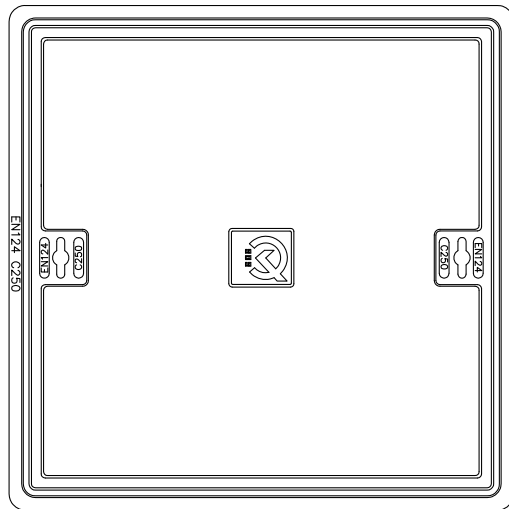
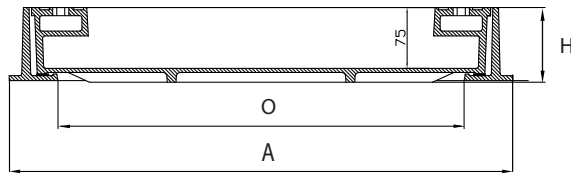


B125 CLASS	A	O	H	Weight
	mm	mm	mm	kg
EKO - DIAP 30 B	300	210	26	5,80
EKO - DIAP 40 B	400	310	26	9,80
EKO - DIAP 50 B	500	401	36	16,50
EKO - DIAP 60 B	600	500	45	25,00
EKO - DIAP 70 B	700	600	45	35,50
EKO - DIAP 80 B	800	700	50	46,50

C250 CLASS	A	O	H	Weight
	mm	mm	mm	kg
EKO - DIAP 30 C	300	210	41	8,00
EKO - DIAP 40 C	400	310	41	13,10
EKO - DIAP 50 C	500	401	43	20,00
EKO - DIAP 55 C	550	450	45	24,50
EKO - DIAP 60 C	600	500	49	29,20
EKO - DIAP 6080 C	600x800	500x700	60	45,00
EKO - DIAP 70 C	700	600	55	41,50
EKO - DIAP 80 C	800	700	59	55,00
EKO - DIAP 90 C	900	800	65	81,00
EKO - DIAP 100 C	1000	900	70	108,00

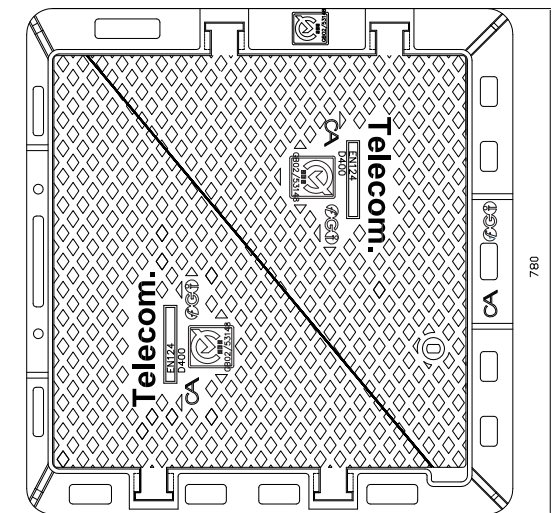
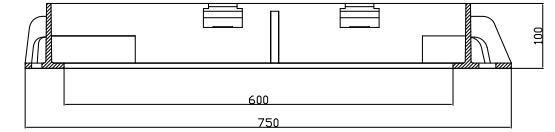
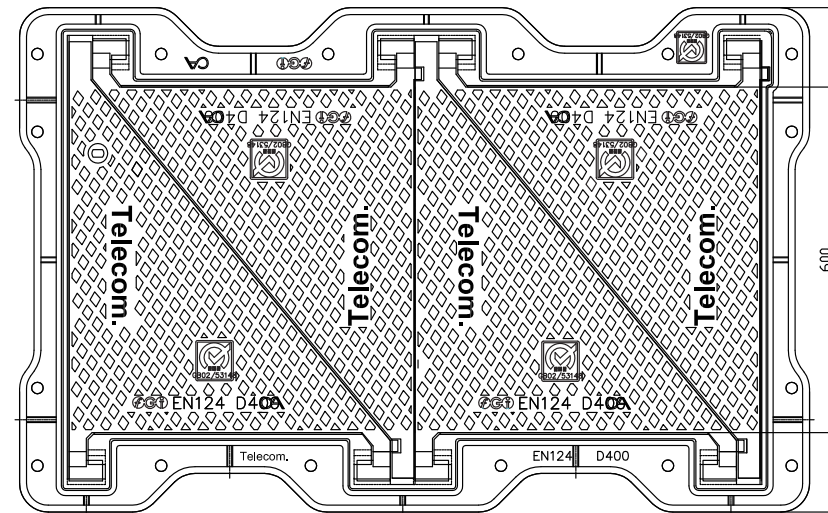
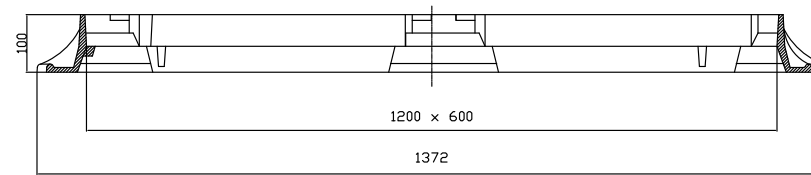
D400 CLASS	A	O	H	Weight
	mm	mm	mm	kg
EKO - DIAP 40 D	400	310	75	19,80
EKO - DIAP 50 D	500	401	75	29,30
EKO - DIAP 55 D	550	450	75	35,00
EKO - DIAP 60 D	600	500	75	41,00
EKO - DIAP 6080 D	600x800	500x700	100	67,50
EKO - DIAP 70 D	700	600	75	58,50
EKO - DIAP 80 D	800	700	75	77,00
EKO - DIAP 90 D	900	800	90	102,00
EKO - DIAP 100 D	1000	900	100	137,00
EKO - DIAP 110 D	1100	1000	100	160,00
EKO - DIAP 120 D	1200	1100	100	191,00

## RECESSED MANHOLE COVERS



C250 CLASS	A	O	H	Weight
	mm	mm	mm	kg
EKO - RIEMP 40 C	400	300	90	27,00
EKO - RIEMP 50 C	500	400	90	38,00
EKO - RIEMP 62 C	620	500	90	53,00
EKO - RIEMP 72 C	720	600	90	63,00

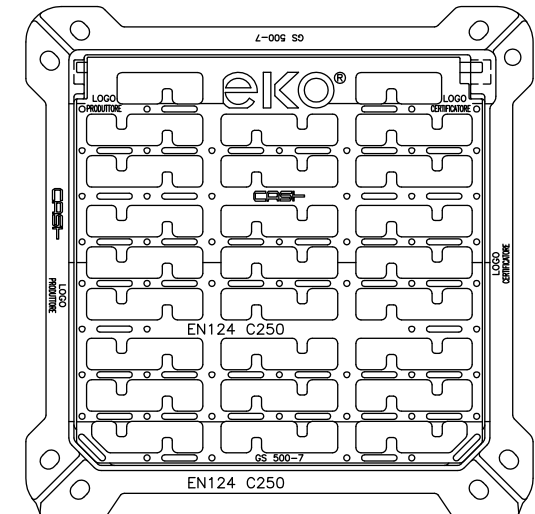
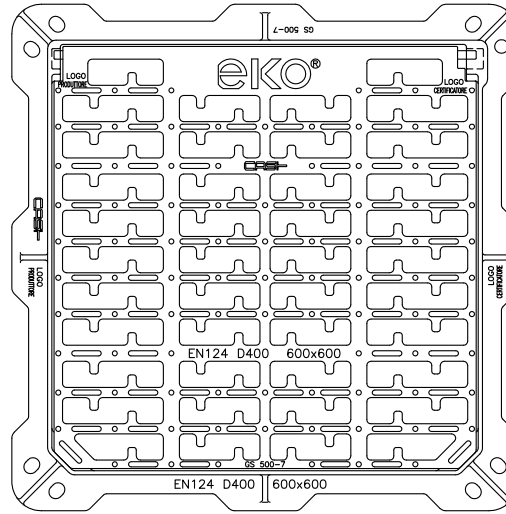
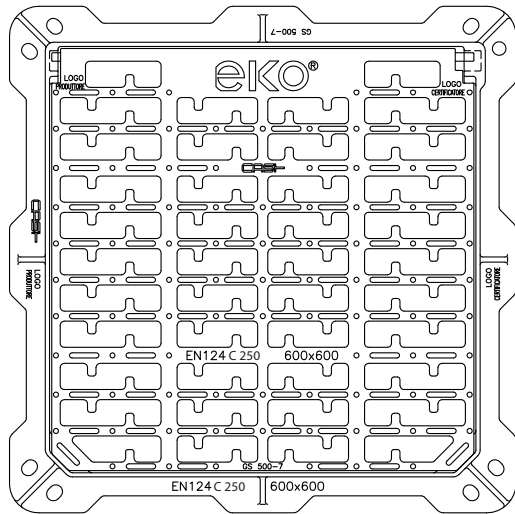
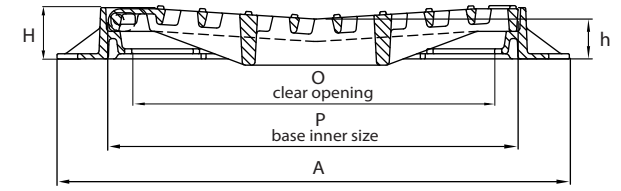
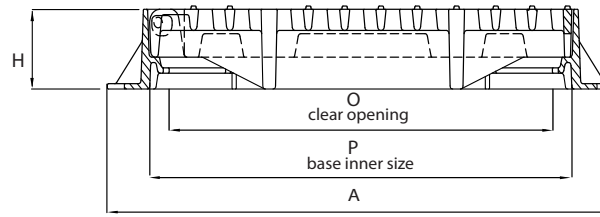
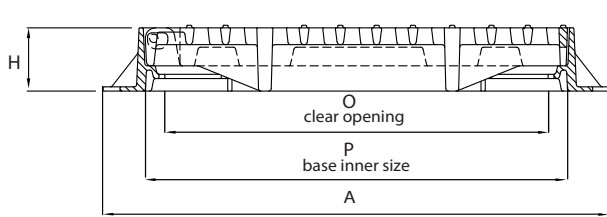
## TELECOMMUNICATION NETWORK MANHOLE COVERS



Code	Cover Sections		Weight (kg)	Dimensions (mm)	
	Cover Sections	Total	Base Size	Clear Opening	Height
EKO TLC 60 D	2	88	780x750	600x600	100
EKO TLC 60120 D	4	185	1372x876	1200x600	100

Weights and dimensions are subject to tolerances typical of the foundry process. CAST reserves the right to modify its products without notice. The ductile iron manhole covers "EKO DIAP D" class D400 according to UNI EN 124 standard are suitable for conditions of limited traffic. For the installation of the models with 75 mm height or less follow the instructions contained in paragraph 7.16 of the UNI EN 124:1995.

# GULLY HINGED GRATINGS WITH SAFETY DEVICES



**GULLY GRATINGS**

**GULLY GRATINGS**

**DISHED GULLY GRATINGS**

C250 CLASS	A	O	P	H	D	Weight
	mm	mm	mm	mm	dm <sup>2</sup>	kg
EKO GPS 36 C	362	252	300	33	3,0	13,50
EKO GPS 47 C	470	350	400	40	7,5	20,00
EKO GPS 50 C	500	350	400	42	7,5	19,00
EKO GPS 50 C	500	350	400	80	7,5	26,50
EKO GPS 58 C	580	450	500	50	12,5	32,00
EKO GP 68 C	680	550	600	50	18,1	39,00

D400 CLASS	A	O	P	H	D	Weight
	mm	mm	mm	mm	dm <sup>2</sup>	kg
EKO GPS 50 D	500	368	400	75	7,5	29,00
EKO GPS 55 D	550	420	450	75	8,4	38,00
EKO GPS 60 D	600	468	500	75	12,5	42,00
EKO GPS 70 D	700	550	600	75	18,1	53,50

C250 CLASS	A	O	P	h/H	D	Weight
	mm	mm	mm	mm	dm <sup>2</sup>	
EKO GC.S 36 C	362	252	294	33/41	3,0	17,00
EKO GC.S 50 C	500	368	400	39/50	7,5	21,00
EKO GC.S 58 C	580	450	500	50/63	12,5	36,50
EKO GC 68 C	680	550	600	50/65	18,1	43,00

Slot design and size reduce the risk of accidents for pedestrians, wheelchair users and cyclists.