

DONN® DX24-KB GK

Exposed 24 mm grid system for high humidity environments – System C

Key features

- Increased corrosion protection as per EN 13964, Class D for ceiling installations in swimming pools
- For applications with continued high humidity (> 95% RH); Corrosion protected accessories available
- Joggled Cross Tees override the Main Runners; preventing twisting of the Cross Tees

Application areas

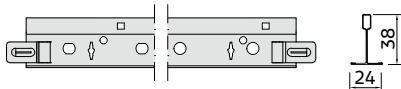
- High humidity areas

Physical data

- Material: galvanised steel
- Surface finish: baked polyester paint
- Colour: all products standard in DONN® White

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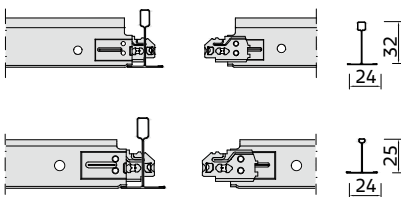
Main Runners (bulb-to-bulb connection)



Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
DX24XH375KB	3750	24	38	156.25	20	75.00	26.80	30
DX24XH370KB	3700	24	38	100	20	74.00	26.30	30

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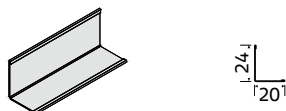
Cross Tees (stab system - joggled GK)



Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
Cross Tees - Slotted								
DX24XM125KB	1250	24	32	312.5	60	75.00	26.30	75
DX24XM120KB	1200	24	32	300	60	72.00	25.30	75
DX24XS62,5KB	625	24	25	312.5	60	37.50	12.80	150
DX24XS60KB	600	24	25	300	60	36.00	12.30	150

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Perimeter Trims white

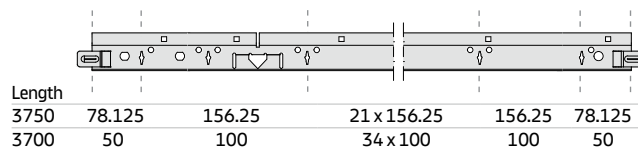


Item reference	Dimensions (mm)			Slot centres	Content/carton		Weight/carton kg	Cartons/pallet
	Length	Width	Height		pcs	lm		
MIE2024KB	3000	20	24	312.5	-	120.00	26.30	60

Section Drawings

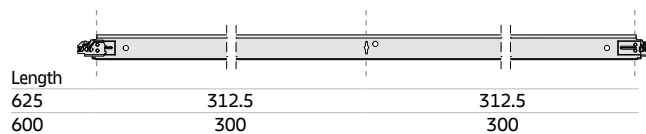
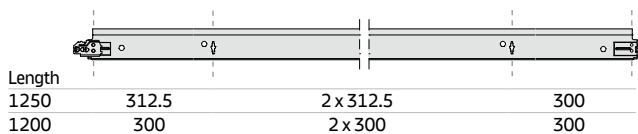
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Main Runners (bulb-to-bulb connection)

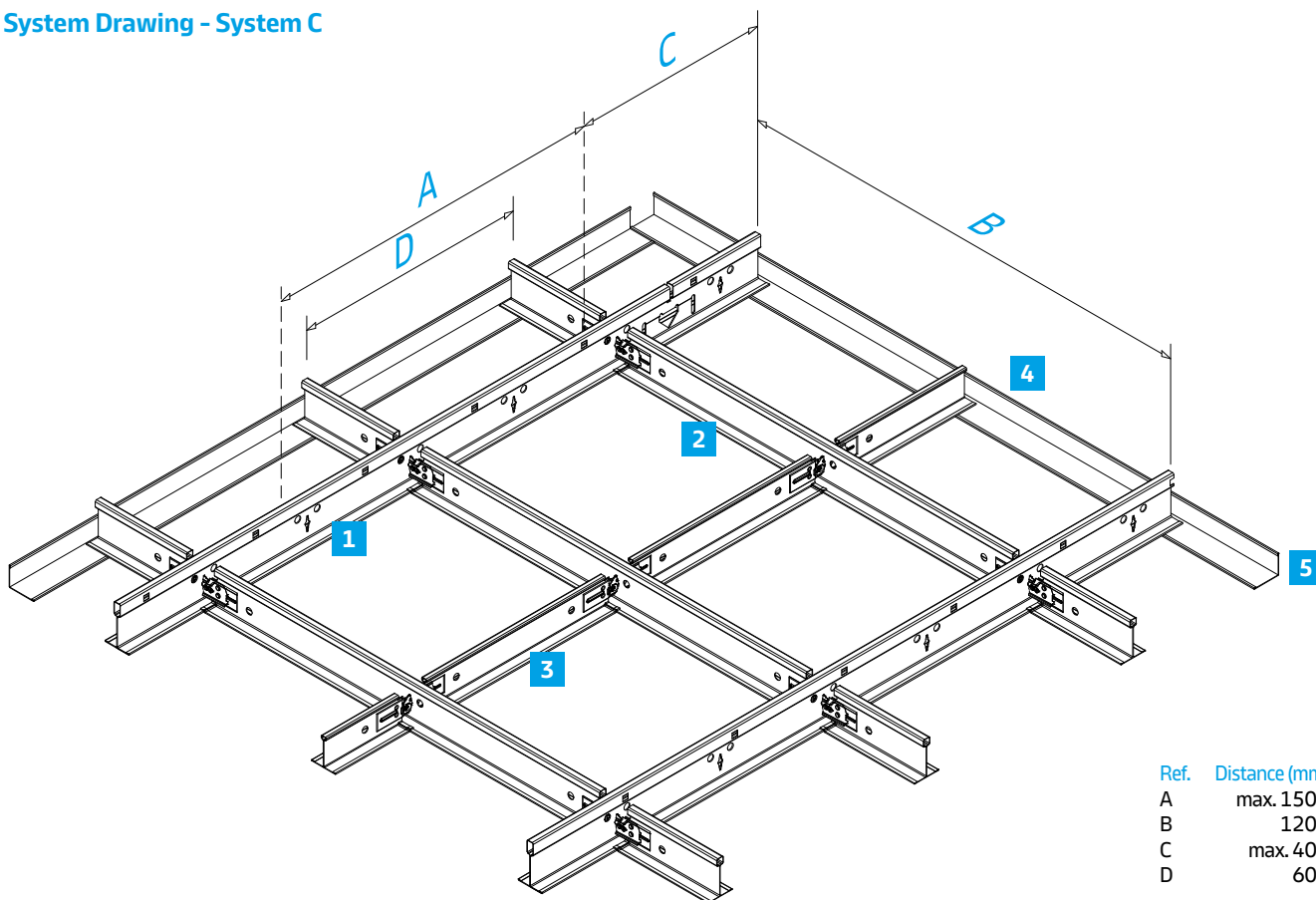


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Cross Tees (stab system - joggled GK)



System Drawing - System C



Material required per m² (no waste included)

No.	Description	Item reference	Module 600 x 600	Module 625 x 625	Module 1200 x 600	Module 1250 x 625
1	Main Runner	DX24XH370KB DX24XH375KB	0.84 lm -	- 0.80 lm	0.84 lm -	- 0.80 lm
2	Long Cross Tee	DX24XM120KB DX24XM125KB	1.67 lm -	- 1.60 lm	1.67 lm -	- 1.60 lm
3	Short Cross Tee	DX24XS60KB DX24XS62,5KB	0.84 lm -	- 0.80 lm	- -	- -
4	Perimeter trim	MIE2024KB	Dependent on room dimensions (approx. 0.6 lm/m ²)			
	Hanger	-	0.70 pcs	0.64 pcs	0.70 pcs	0.64 pcs
	Retaining Clip	-	5.56 pcs	5.56 pcs	5.56 pcs	5.56 pcs
	Tiles	-	2.78 pcs	2.56 pcs	1.39 pcs	1.28 pcs

Load Table

Maximum permissible weight (kg/m²)

Main Runner distances	1200 mm	1250 mm	600 mm	625 mm
Hanger distance A (mm)	Module 600x600, 1200x600	Module 625x625, 1250x625	Module 600x600, 1200x600	Module 625x625, 1250x625
800	13.9	12.1	25.0	25.0
1000	11.5	10.3	25.0	25.0
1200	8.2	7.6	18.7	17.7
1500	4.7	4.5	10.2	9.7
Note: The load per m ² must be evenly distributed (no extra point loads). After loading, the deflection will remain within the permitted deflection according to class 1 (L/500) of EN 13964, provided the grid is laid out as shown.				

For other grid layouts, load capacities or hanger distances, please contact Knauf Ceiling Solutions.

Characteristics	Detailed information	
Fire reaction		Euroclass A1 as per EN 13501-1
Indoor air quality	 A+	 ISO 3
Cleanability	 	
Sustainability	 25%	 EPD full scope credits to credits star version 2.1

All measurements in millimetres. All sizes are nominal.
Cross Tee alignment is achieved by locating the tees to the left-hand side of the adjoining section.Products may vary from country to country. Please contact your local sales representative.
For further information and legal notice, please visit our website.