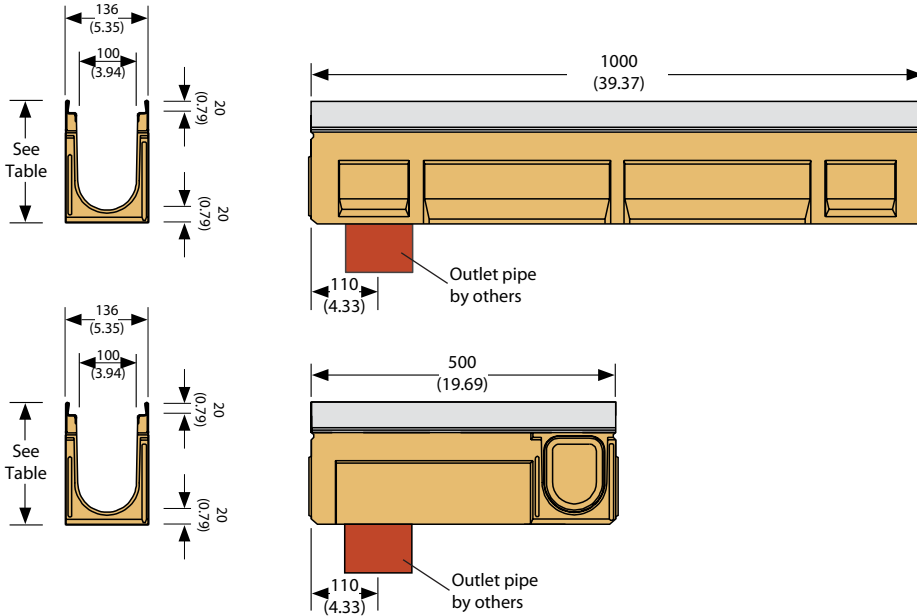


Technical Data Sheet

ANRIN DRAIN KE-100S Reinforced Edge Channels
with **Stainless Steel Edge Rail** (Loading Class A15 to E600)



Channel Dimensions



Material Properties

Channel Body

- Polymer concrete with polyester resin
- Compression resistance: > 90 N/mm² (13.053 ksi)
- Flexural strength: > 22 N/mm² (3.19 ksi)
- Water absorption: < 0.05%
- Density: 2.1 - 2.3 kg/dm³ (3,625.94 - 5,076.32 lbs/ft³)
- Modulus of elasticity: 25 - 35 kN/mm² (131.1 - 187.3 lbs/ft³)
- Water penetration level: 0 mm (in)
- Material structure: Capillary free

Edge Rail

- Stainless steel, factory-installed
- Profile thickness 4 mm (0.16")

Grating

- Galvanized steel
- 304 stainless steel
- Ductile iron
- Polyamide Plastic
- Iron Age Patterned Profiles
- Custom grates available upon request.

Description and Sizes

- Designed in accordance with DIN 19580 / EN 1433.
- Drainage channel made of polymer concrete.
- Integrated stainless steel edge rails.
- Half-meter channel with knockout patterns for T-junctions, elbow joints, cross junctions.
- UNILINK joint system, elements of equal installation heights can be joined in any direction.
- Fall type: Built-in slope (0.5%)
- Loading classes: A 15 to E 600
- Total height: 150 - 250 mm (5.9 - 9.84") (see table)
- Total width: 136 mm (5.35")
- Length: 500 mm and 1000 mm (19.69" and 39.37")

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Technical Data Sheet

ANRIN DRAIN KE-100S Reinforced Edge Channels
with **Stainless Steel Edge Rail** (Loading Class A15 to E600)



Channel Parts List

Designation	Article	Slope %	Length mm (in)	Width mm (in)	Height mm (in)	Weight kg (lbs.)
KE-100S-0*	01400000	0	1000 (39.37)	136 (5.35)	150-150 (5.91-5.91)	17.5 (38.58)
KE-100S-0R***	01400410	0	1000 (39.37)	136 (5.35)	150-150 (5.91-5.91)	17.5 (38.58)
KE-100S-005**/*	01400450	0	500 (19.69)	136 (5.35)	150-150 (5.91-5.91)	9.5 (20.94)
KE-100S-1	01400010	0.5	1000 (39.37)	136 (5.35)	150-155 (5.91-6.10)	17.5 (38.58)
KE-100S-2	01400020	0.5	1000 (39.37)	136 (5.35)	155-160 (6.10-6.30)	17.5 (38.58)
KE-100S-3	01400030	0.5	1000 (39.37)	136 (5.35)	160-165 (6.30-6.50)	18.0 (39.68)
KE-100S-4	01400040	0.5	1000 (39.37)	136 (5.35)	165-170 (6.50-6.69)	18.0 (39.68)
KE-100S-5*	01400050	0.5	1000 (39.37)	136 (5.35)	170-175 (6.69-6.89)	18.5 (40.79)
KE-100S-05*	01400500	0	1000 (39.37)	136 (5.35)	175-175 (6.89-6.89)	18.5 (40.79)
KE-100S-05R***	01400510	0	1000 (39.37)	136 (5.35)	175-175 (6.89-6.89)	18.5 (40.79)
KE-100S-055**/*	01400550	0	500 (19.69)	136 (5.35)	175-175 (6.89-6.89)	9.5 (20.94)
KE-100S-6	01400060	0.5	1000 (39.37)	136 (5.35)	175-180 (6.89-7.09)	19.0 (41.89)
KE-100S-7	01400070	0.5	1000 (39.37)	136 (5.35)	180-185 (7.09-7.28)	19.5 (42.99)
KE-100S-8	01400080	0.5	1000 (39.37)	136 (5.35)	185-190 (7.28-7.48)	19.5 (42.99)
KE-100S-9	01400090	0.5	1000 (39.37)	136 (5.35)	190-195 (7.48-7.68)	20.0 (44.09)
KE-100S-10*	01400100	0.5	1000 (39.37)	136 (5.35)	195-200 (7.68-7.87)	21.0 (46.30)
KE-100S-010*	01401000	0	1000 (39.37)	136 (5.35)	200-200 (7.87-7.87)	21.0 (46.30)
KE-100S-010R***	01401010	0	1000 (39.37)	136 (5.35)	200-200 (7.87-7.87)	21.0 (46.30)
KE-100S-0105**/*	01401050	0	500 (19.69)	136 (5.35)	200-200 (7.87-7.87)	10.5 (23.15)
KE-100S-11	01400110	0.5	1000 (39.37)	136 (5.35)	200-205 (7.87-8.07)	20.5 (45.19)
KE-100S-12	01400120	0.5	1000 (39.37)	136 (5.35)	205-210 (8.07-8.27)	21.0 (46.30)
KE-100S-13	01400130	0.5	1000 (39.37)	136 (5.35)	210-215 (8.27-8.46)	21.5 (47.40)
KE-100S-14	01400140	0.5	1000 (39.37)	136 (5.35)	215-220 (8.46-8.66)	21.5 (47.40)
KE-100S-15*	01400150	0.5	1000 (39.37)	136 (5.35)	220-225 (8.66-8.86)	22.5 (49.60)
KE-100S-16	01400160	0.5	1000 (39.37)	136 (5.35)	225-230 (8.86-9.06)	23.0 (50.71)
KE-100S-17	01400170	0.5	1000 (39.37)	136 (5.35)	230-235 (9.06-9.25)	23.0 (50.71)
KE-100S-18	01400180	0.5	1000 (39.37)	136 (5.35)	235-240 (9.25-9.45)	23.5 (51.81)
KE-100S-19	01400190	0.5	1000 (39.37)	136 (5.35)	240-245 (9.45-9.65)	24.0 (52.91)
KE-100S-20*	01400200	0.5	1000 (39.37)	136 (5.35)	245-250 (9.65-9.84)	24.5 (54.01)
KE-100S-020*	01402000	0	1000 (39.37)	136 (5.35)	250-250 (9.84-9.84)	25.5 (56.22)
KE-100S-020R***	01402010	0	1000 (39.37)	136 (5.35)	250-250 (9.84-9.84)	25.5 (56.22)
KE-100S-0205**/*	01402050	0	500 (19.69)	136 (5.35)	250-250 (9.84-9.84)	11.2 (24.69)

* Channel with mouldings for vertical outlet DA/OD 110

** Channel with side knockouts for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet

*** Channel with vertical pipe socket DA/OD 110

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