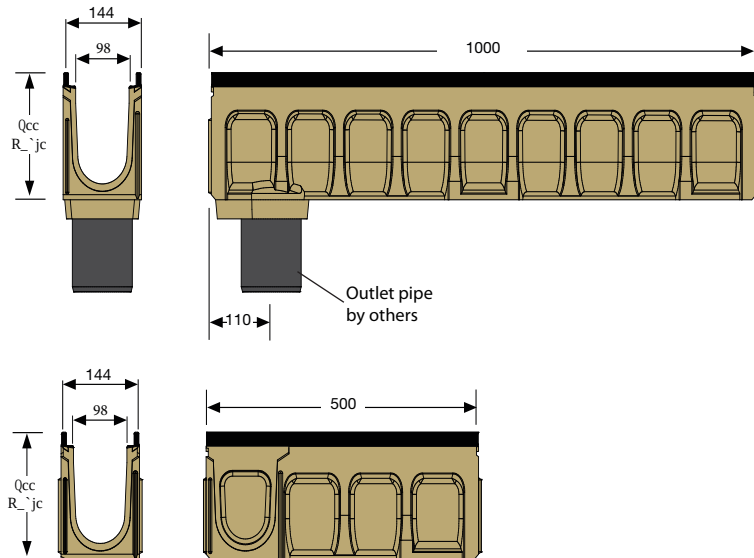


Technical Data Sheet

ANRIN DRAIN KF-100 Reinforced Edge Channels
with **Cast Iron Edge Rail** (Loading Class A15 to F900)



Channel Dimensions



Material Properties

Channel Body

- Polymer concrete with polyester resin
- Compression resistance: > 90 N/mm²
- Flexural strength: > 22 N/mm²
- Water absorption: < 0.05%
- Density: 2.1 - 2.3 kg/dm³
- Modulus of elasticity: 25 - 35 kN/mm²
- Water penetration level: 0 mm
- Material structure: Capillary free
- Heat resistance: 100°C (permanent loading)
- Frost resistance: - 50°C
- Water absorption: 0.05%

Edge Rail

- Cast Iron, factory-installed Profile
- Thickness 8 mm

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 cast iron 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: A15 to F900
- Total height: 150 – 250 mm (see table)
- Total width: 144 mm
- Length: 500 mm and 1000 mm

Every reasonable effort has been taken to ensure the accuracy of this document. However, we cannot accept responsibility for inaccuracies resulting from undetected errors or omissions.

Toll Free: 877-385-5130
www.northstarindustries.ca

Technical Data Sheet

ANRIN DRAIN KF-100 Reinforced Edge Channels
with Cast Iron Edge Rail (Loading Class A15 to F900)



ANRIN

KF-100 Channel Parts List

Designation	Article	Slope %	Length mm (in)	Width mm (in)	Height mm (in)	Weight kg (lbs.)
KF-100-0*	01600000	0	1000 (39.37)	144 (5.67)	150-150 (5.91-5.91)	19.4 (42.78)
KF-100-0R***	01600410	0	1000 (39.37)	144 (5.67)	150-150 (5.91-5.91)	19.6 (43.22)
KF-100-005**/*	01600450	0	500 (19.69)	144 (5.67)	150-150 (5.91-5.91)	10.5 (23.15)
KF-100-1	01600010	0.5	1000 (39.37)	144 (5.67)	150-155 (5.91-6.10)	19.7 (43.44)
KF-100-2	01600020	0.5	1000 (39.37)	144 (5.67)	155-160 (6.10-6.30)	20.0 (44.10)
KF-100-3	01600030	0.5	1000 (39.37)	144 (5.67)	160-165 (6.30-6.50)	20.3 (44.76)
KF-100-4	01600040	0.5	1000 (39.37)	144 (5.67)	165-170 (6.50-6.69)	20.6 (45.42)
KF-100-5*	01600050	0.5	1000 (39.37)	144 (5.67)	170-175 (6.69-6.89)	20.9 (46.08)
KF-100-05*	01600500	0	1000 (39.37)	144 (5.67)	175-175 (6.89-6.89)	21.0 (46.31)
KF-100-05R***	01600510	0	1000 (39.37)	144 (5.67)	175-175 (6.89-6.89)	21.2 (46.75)
KF-100-055**/*	01600550	0	500 (19.69)	144 (5.67)	175-175 (6.89-6.89)	11.5 (23.36)
KF-100-6	01600060	0.5	1000 (39.37)	144 (5.67)	175-180 (6.89-7.09)	21.2 (46.75)
KF-100-7	01600070	0.5	1000 (39.37)	144 (5.67)	180-185 (7.09-7.28)	21.5 (47.41)
KF-100-8	01600080	0.5	1000 (39.37)	144 (5.67)	185-190 (7.28-7.48)	21.8 (48.07)
KF-100-9	01600090	0.5	1000 (39.37)	144 (5.67)	190-195 (7.48-7.68)	22.1 (48.73)
KF-100-10*	01600100	0.5	1000 (39.37)	144 (5.67)	195-200 (7.68-7.87)	22.2 (48.95)
KF-100-010*	01601000	0	1000 (39.37)	144 (5.67)	200-200 (7.87-7.87)	22.2 (48.95)
KF-100-010R***	01601010	0	1000 (39.37)	144 (5.67)	200-200 (7.87-7.87)	23.0 (50.72)
KF-100-0105**/*	01601050	0	500 (19.69)	144 (5.67)	200-200 (7.87-7.87)	12.4 (27.34)
KF-100-11	01600110	0.5	1000 (39.37)	144 (5.67)	200-205 (7.87-8.07)	22.5 (49.61)
KF-100-12	01600120	0.5	1000 (39.37)	144 (5.67)	205-210 (8.07-8.27)	23.0 (50.72)
KF-100-13	01600130	0.5	1000 (39.37)	144 (5.67)	210-215 (8.27-8.46)	23.5 (51.82)
KF-100-14	01600140	0.5	1000 (39.37)	144 (5.67)	215-220 (8.46-8.66)	23.5 (51.82)
KF-100-15*	01600150	0.5	1000 (39.37)	144 (5.67)	220-225 (8.66-8.86)	24.5 (54.02)
KF-100-16	01600160	0.5	1000 (39.37)	144 (5.67)	225-230 (8.86-9.06)	25.0 (55.13)
KF-100-17	01600170	0.5	1000 (39.37)	144 (5.67)	230-235 (9.06-9.25)	25.0 (55.13)
KF-100-18	01600180	0.5	1000 (39.37)	144 (5.67)	235-240 (9.25-9.45)	25.5 (56.23)
KF-100-19	01600190	0.5	1000 (39.37)	144 (5.67)	240-245 (9.45-9.65)	26.0 (57.33)
KF-100-20*	01600200	0.5	1000 (39.37)	144 (5.67)	245-250 (9.65-9.84)	26.5 (58.43)
KF-100-020*	01602000	0	1000 (39.37)	144 (5.67)	250-250 (9.84-9.84)	27.5 (60.64)
KF-100-020R***	01602010	0	1000 (39.37)	144 (5.67)	250-250 (9.84-9.84)	27.5 (60.64)
KF-100-0205**/*	01602050	0	500 (19.69)	144 (5.67)	250-250 (9.84-9.84)	13.2 (29.11)

* 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

Every reasonable effort has been taken to ensure the accuracy of this document. However, we cannot accept responsibility for inaccuracies resulting from undetected errors or omissions.

Toll Free: 877-385-5130
www.northstarindustries.ca