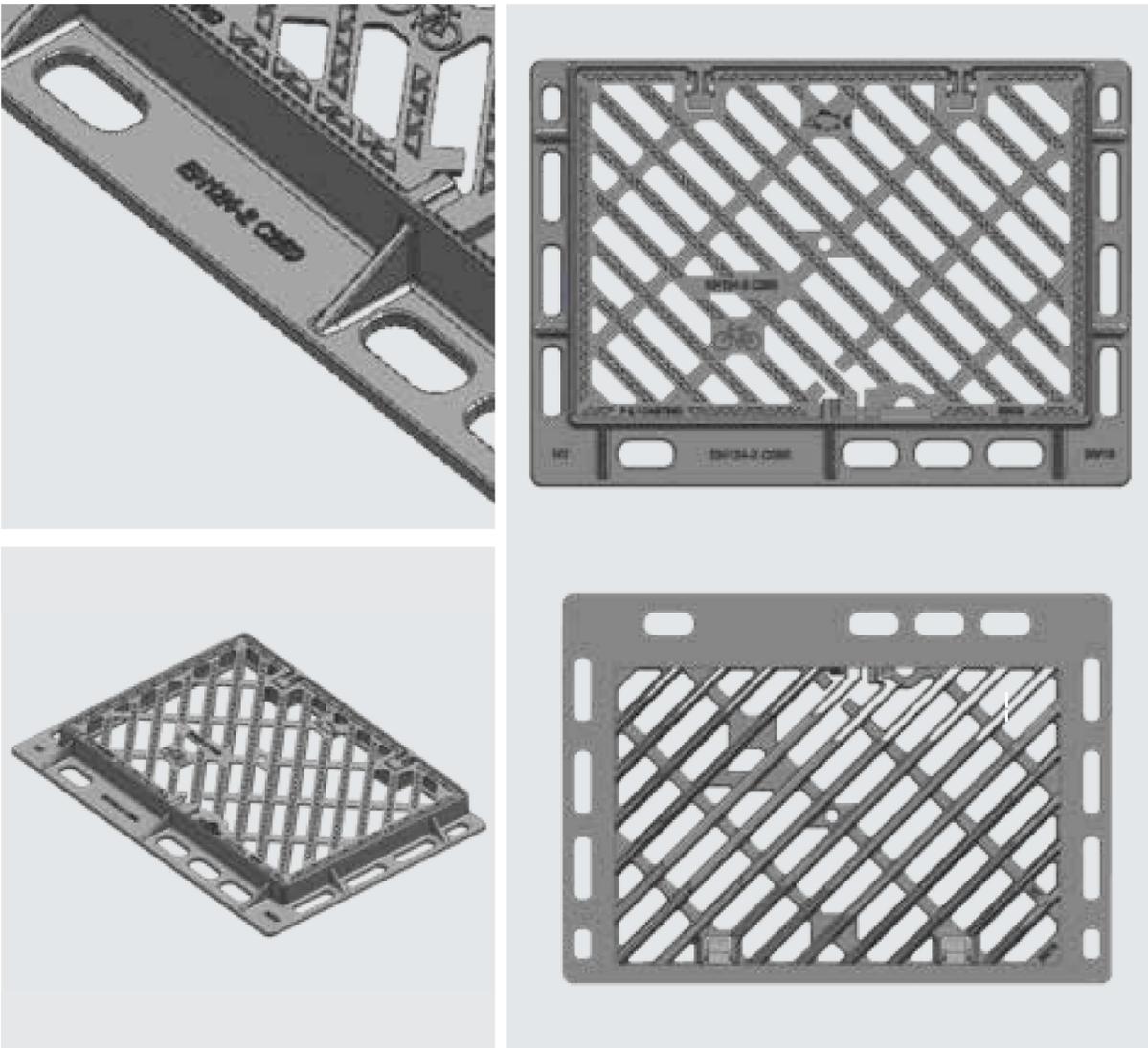


PAMELLA GRATE AND FRAME

Generation 3



HIGH PERFORMANCE, QUALITY AND CYCLE FRIENDLY

The Pamella Grate and Frame is a high performance, quality and cycle friendly catchpit grate. Developed in conjunction with Auckland Transport and Auckland Council the Pamella Grate and Frame offers improved impact resistance from the use of Ductile Iron and an automatic locking mechanism with Spring Bar technology.

APPLICATION

- All stormwater applications
- Where catchpits are in cycle lanes

Features

- ✓ Manufactured Class D to AS3996:2019 Standard
- ✓ Each gate has the image of a fish to remind people that this grate "Drains to the sea"
- ✓ Frame with flange on 3 sides, allowing installation along kerb.
- ✓ Double hinged-grating system. Design with internal hinge, for easiest bedding, and asphalt compaction around frame.
- ✓ Automatic locking with ductile iron spring bar, preventing to dislodgment by traffic among other things.
- ✓ Opening slots orientation suitable for cyclist traffic.
- ✓ Slots and anti-skid relief designed for absorption optimization.
- ✓ Easy opening, with gap between frame and grating allowing crowbar use.
- ✓ Public awareness to environmental protection.

More Information

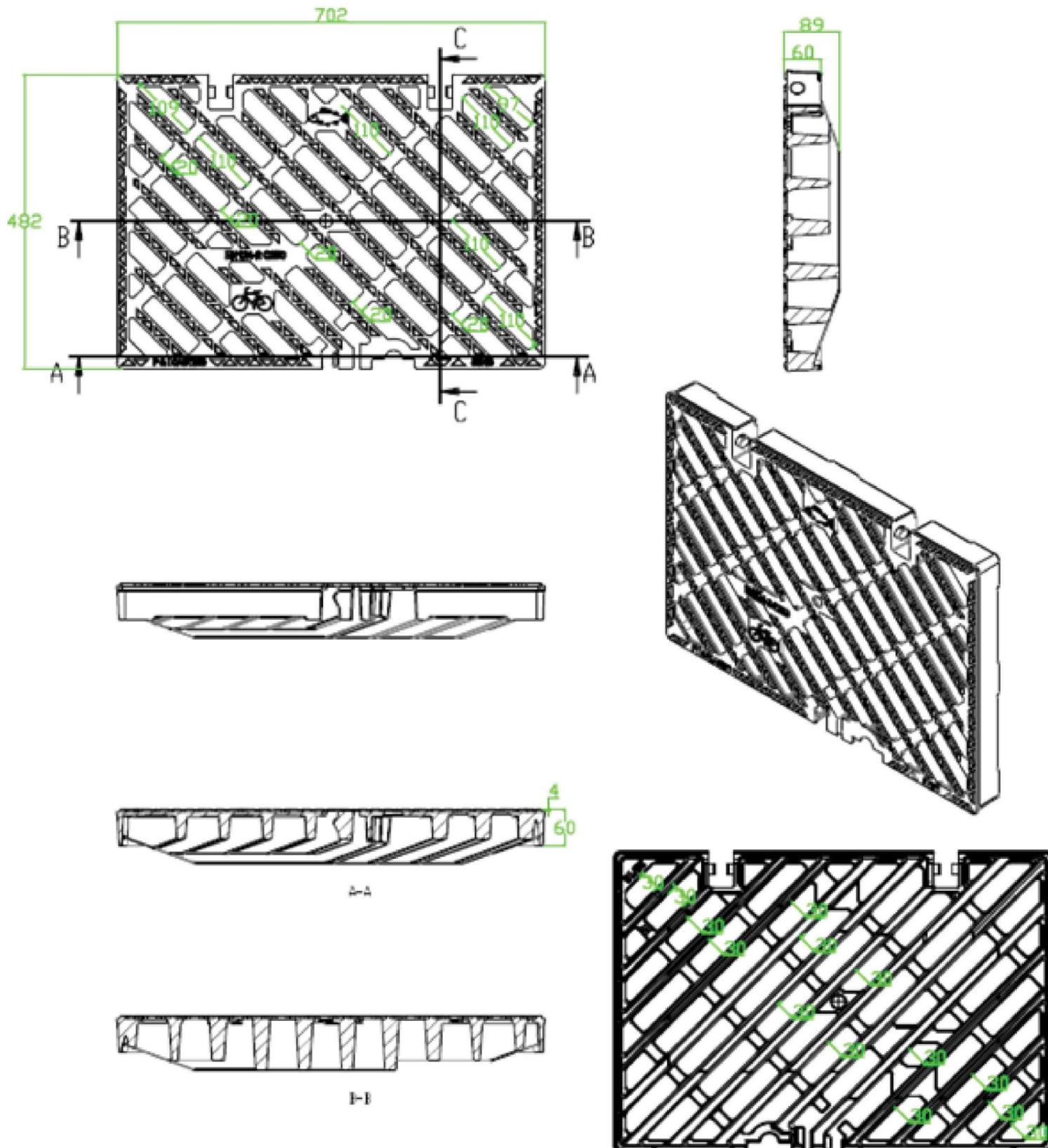
For more information on this product visit hydroflow.co.nz



PAMELLA GRATE AND FRAME

Generation 3

Reference	Description		Dimensions mm				
	Type	Frame	Total Weight	Cover	Clear Opening	Height	Frame Size
ECPS16EK-NZ3	Frame and Grate	Rectangular	76.8	56	675 x 450	70	830 x 590



AKL 09 448 5844
CHCH 03 343 8560



www.pandi.co.nz
orders@pandi.co.nz

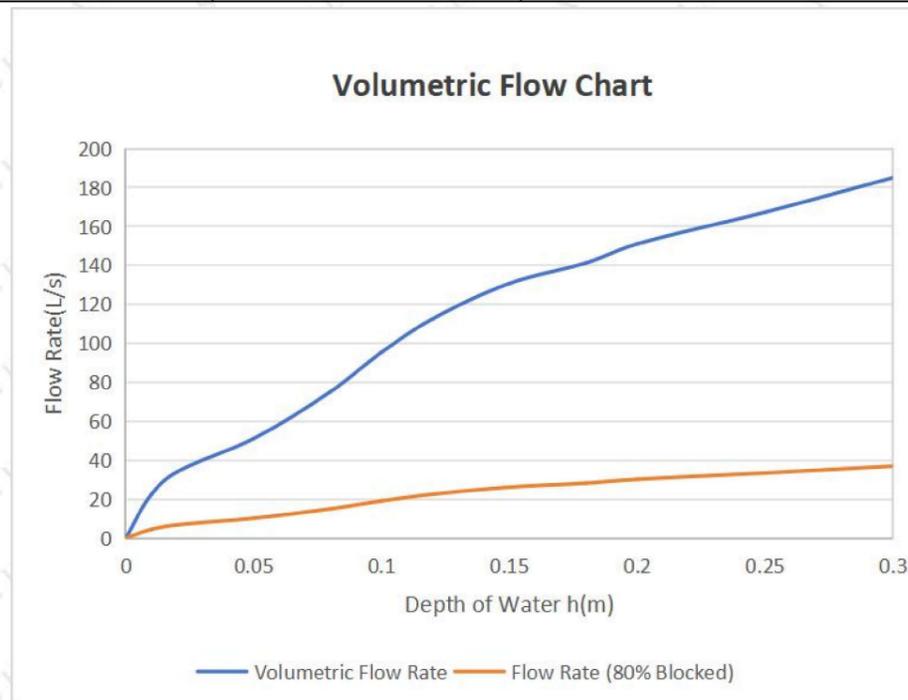
HYDROFLOW
Civil



Research Test Report

Research test result:

Sample Name and NO.	Test Item	Test Result		
		Depth of Water m	Volumetric Flow Rate (L/s)	Flow Rate (80%Blocked) (L/s)
Pamella ECPS16EK-NZ3	Volumetric Flow	0.01	22.43	4.48
		0.02	33.95	6.78
		0.05	51.1	10.21
		0.08	75.15	15.01
		0.10	95.38	19.06
		0.12	112.57	22.49
		0.15	130.75	26.12
		0.18	141.34	28.24
		0.20	151.05	30.18
		0.25	167.34	33.43
		0.30	185.07	36.98



Reference Standard: AS/NZS 3500.3:2025 《Plumbing and drainage Part 3: Stormwater drainage》