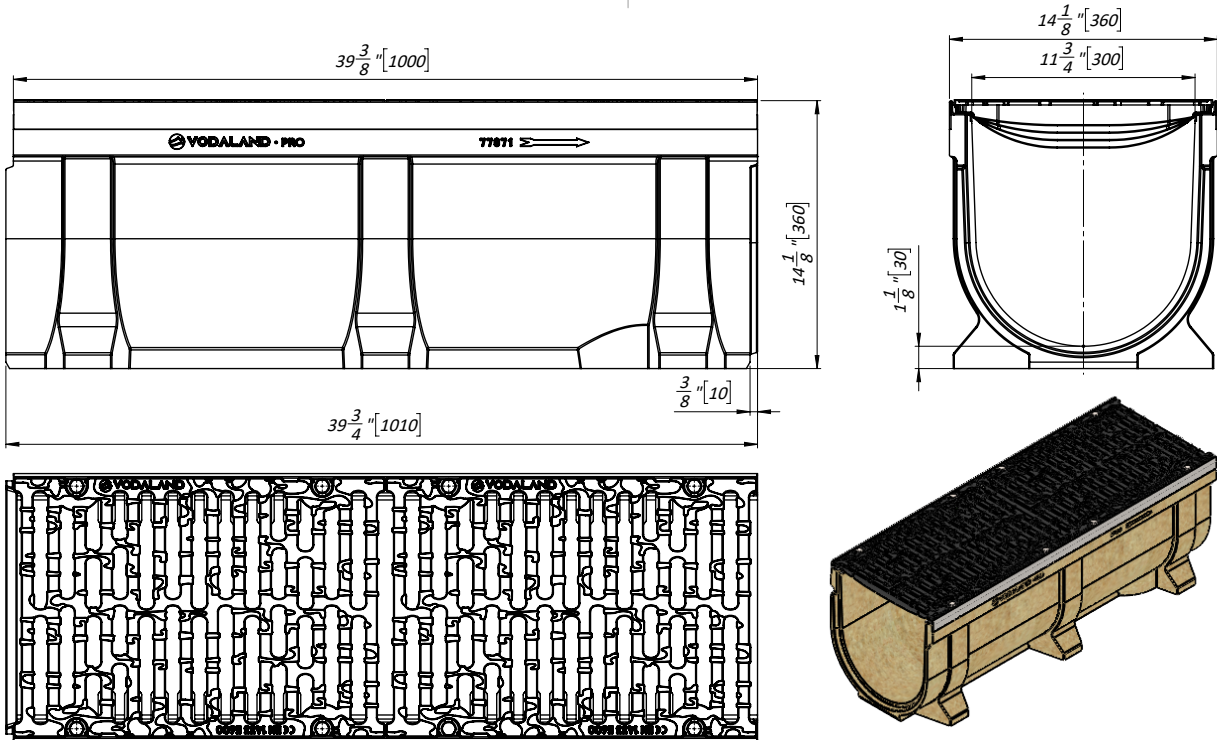


PRO 300PC SYSTEM - LOAD CLASS D400 - E600
12" (300mm) PRO POLYMER CONCRETE TRENCH DRAIN


General: The trench drain shall be Vodaland Canada PRO 300PC as manufactured by Vodaland or approved equal.

Specification: Channels shall be 39.4" (1000mm) long and the nominal clear opening shall be 12" (300mm) with 14.1" (360mm) overall width and built in neutral slope as per specifier's requirements. Channels shall have male-to-female interlocking joints. Gratings shall be ductile cast iron fastened to steel edge rails and meet the system load class specified. Channels and grate shall withstand a required EN1433 load class.

Materials: PRO 300PC trench drain shall be manufactured from polymer concrete with the following approximate properties:

Compressive strength	14,000 Psi
Flexural strength	4,000 Psi
Tensile strength	1,500 Psi
Water absorption	0.05%
Frost proof	Yes
Dilute acid and alkali resistant	Yes
Salt proof	Yes

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Name	Load Class	Article	H, in	H, mm	W, lb
12" PRO polymer concrete trench drain H14.2"	D400	077071334	14.2	360	172.4
12" PRO polymer concrete trench drain H16.1"	D400	077671334	16.1	410	185.0
12" PRO polymer concrete trench drain H14.2"	E600	07707155	14.2	360	177.7
12" PRO polymer concrete trench drain H16.1"	E600	07767155	16.1	410	190.3

Name	Article	H, in	H, mm
12" PRO polymer concrete endcap H14.2"	6771-D/360	14.2	360
12" PRO polymer concrete endcap H16.1"	6771-D/410	16.1	410

Name	Load Class	Article	H, in	H, mm	70% Fill L/s	100% Fill L/s
12" PRO polymer concrete trench drain H14.2"	D400	77071334	14.2	360	78.38	129.49
12" PRO polymer concrete trench drain H16.1"	D400	77671334	16.1	410		
12" PRO polymer concrete trench drain H14.2"	E600	7707155	14.2	360		
12" PRO polymer concrete trench drain H16.1"	E600	7767155	16.1	410		

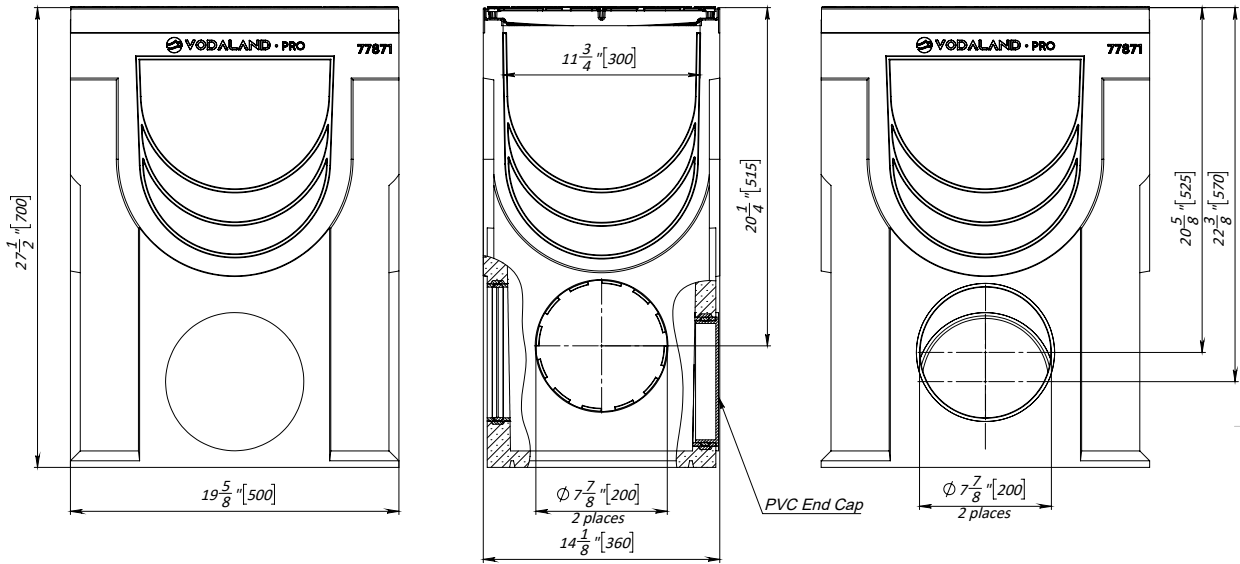
Neutral Slope:

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12" (300mm) PRO POLYMER CONCRETE SAND TRAP - LOAD CLASS D400 - E600



General: The inline catch basin shall be Vodaland Canada PRO 300PC as manufactured by Vodaland or approved equal.

Specification: Catch basin shall be 19.7" (500mm) long and the nominal clear opening shall be 12" (300mm) with 14.2" (360mm) overall width. Gratings shall be ductile cast iron fastened to steel edge rails and meet the system load class specified. Catch basin and grate shall withstand a required EN1433 load class.

Materials: PRO 300PC inline catch basin shall be manufactured from polymer concrete with the following approximate properties:

Compressive strength	14,000 psi
Flexural strength	4,000 psi
Tensile strength	1,500 Psi
Water absorption	0.05%
Frost proof	Yes
Dilute acid and alkali resistant	Yes
Salt proof	Yes

Accessories:

Name	Load Class	Article	H, in	H, mm	W, lb
12" PRO polymer concrete inline catch basin	D400	077871334-P200	27.6	700	146.36
12" PRO polymer concrete inline catch basin	E600	07787155-P200	19.7	500	152.03

Flow Rate: