

The POLYCAST® Catch Basins are an important part of the versatile POLYCAST® Presloped Drain System. The Catch Basins are manufactured with the same high strength, corrosion resistant polyester and Vinyl Ester polymer concrete used for the POLYCAST® Drain Channels. The Catch Basins are designed to be used as collection points, drain run transitions and interceptors to collect solid debris. POLYCAST® Catch Basins are designed to accommodate all drain channel sizes and have cut-outs designed specifically for channels with catalog numbers ending in 5, 0, N and H. POLYCAST® Catch Basins have a selection of grates available for specific needs.

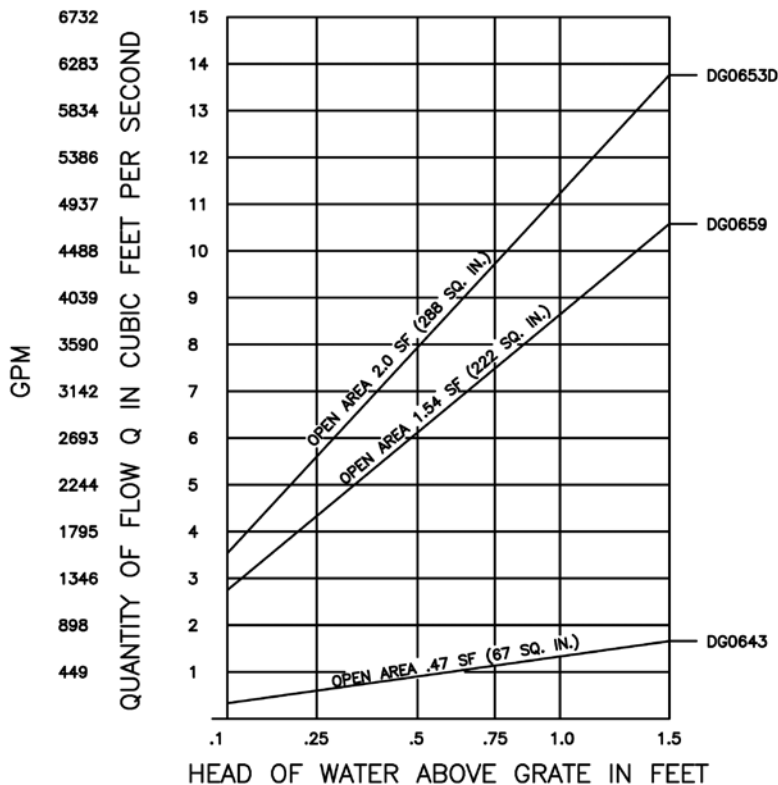
The POLYCAST® Catch Basins can be used with the POLYCAST® Drain System or can be used as an individual catch basin. In either case, costly labor-intensive on-site forming is eliminated.

POLYCAST® 700 Series HARDNOSE Catch Basins are also available. They have the same features as the corresponding 600 Series Catch Basin. The 700 Series Catch Basins have a one-piece metal assembly for additional grating load distribution. HARDNOSE Catch Basins should be used in areas where solid tire and heavy commercial vehicles are anticipated.

The 650 Catch Basin is available with any of the gratings/covers available for the 600 Series Channels (shown in detail on pages 24-27). The 651 Catch Basin is available with cast iron or fiberglass grates (shown in detail on page 30). The 653OB and 653SB Catch Basins are available with cast iron or fiberglass grates (shown in detail on page 30).

**Quantity of Flow Through Grates**

Based on 1 Foot Catch Basin  
Computed using Orifice Equation  $Q=CA\sqrt{2gh}$



**Application Load Class F**  
(pg.39)

**Gray Iron Slotted Grating**  
Part No. DG0643

**Application Load Class F\***  
(pg.39)

**Ductile Iron Slotted Grating**  
Part No. DG0653D

\* Class F grates with spans of 12" or more are rated for a 120,000 lb. wheel load over a 10" x 20" footprint per ASTM C-857.

**Application Load Class B**  
(pg.39)

**Fiberglass Grating**  
Part No. DG0659