

DG0900

POLYCAST 900 SERIES NON-REMOVABLE TRAFFIC GRATE



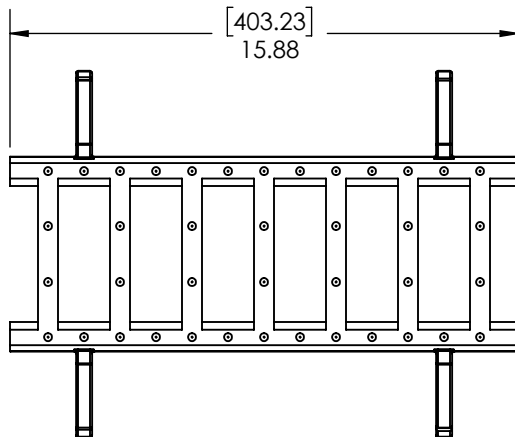
PART NO.	MATERIAL	WEIGHT	OPEN AREA	FLOW RATE
DG0900	DUCTILE IRON	15 LBS.	60%	139.67 GPM PER LINEAR FOOT WITH 1/2" OF HEAD

**DIN APPLICATION LOAD CLASS F:**

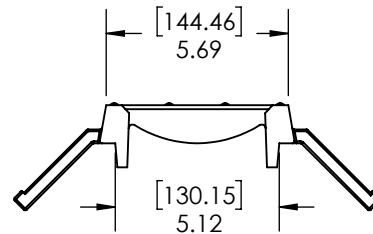
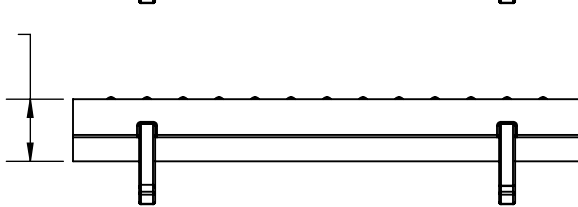
SPECIAL AREAS WITH HEAVY WHEEL LOADS, EG. AIRPORTS AND DOCKS.  
 DESIGNED FOR A DISRIBUTED PRESSURE OF 202,320 LBS. (900Kn)

**MEETS THE FOLLOWING STANDARDS & SPECIFICATION:**

- FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR AIRPORT PAVEMENT DESIGN AND EVALUATION (AC 150/5320-6D APPENDIX 3 DESIGN OF STRUCTURES FOR HEAVY AIRCRAFT)
- AASHTO HIGHWAY DRAINAGE GUIDELINES
- AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES



SYSTEM MFG	SYSTEM
TDS	POLYCAST 900



**MANUFACTURER**



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**ENGINEERING SPECIFICATION**

TDS-POLYCAST HEAVY DUTY DUCTILE IRON GRATE & FRAME DESIGNED TO SUPPORT DYNAMIC HIGH SPEED WHEEL LOADS IN EXCESS OF AASHTO H-20. THE GRATE IS ONE PIECE AND NON-REMOVABLE. THE GRATE IS MADE OF ASTM A536 GR 65-45-12 (DUCTILE IRON) AND WIEGHS APPROXIMATELY 15LBS [6.80KG]. THE GRATE IS ONLY AVAILABLE IN A 16" [406MM] LENGTH.