

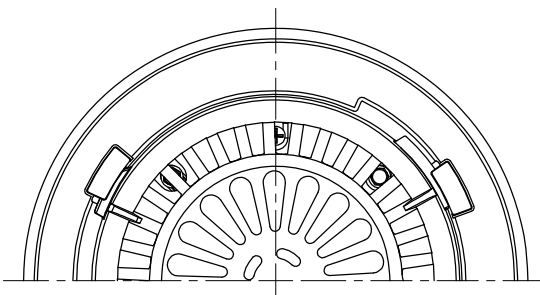
SIPHONIC ROOF DRAIN

15 1/4(390) DIAMETER - LOW PROFILE DOME WITH WATER DAM

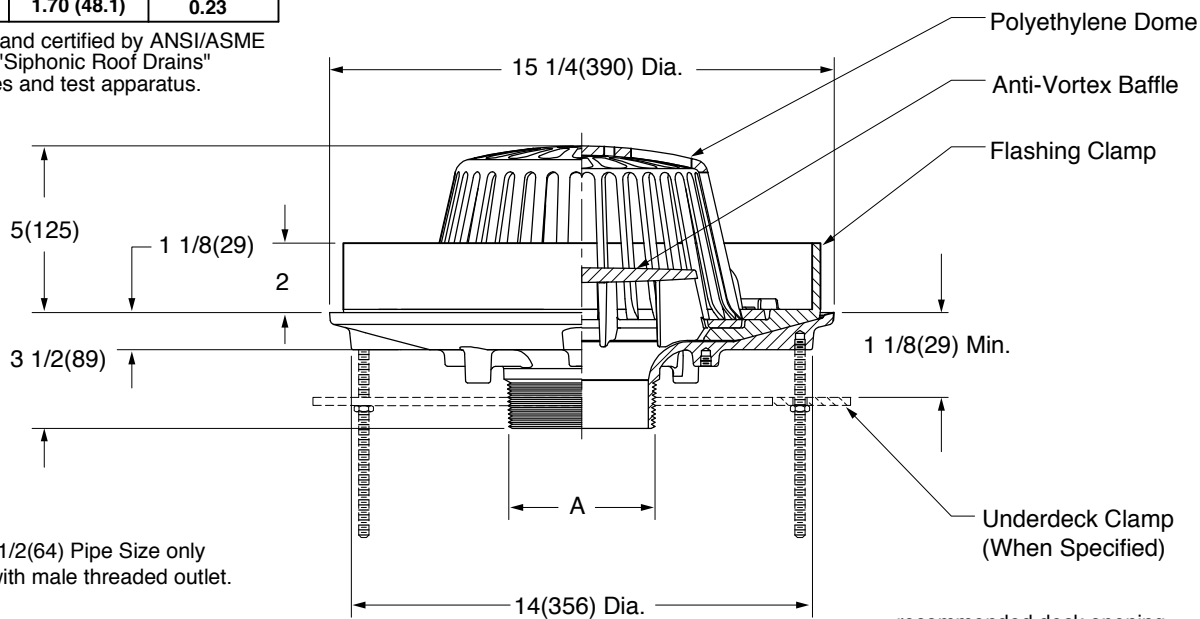
FUNCTION: Used in flat roofs of any construction as an overflow drain. Large low profile dome provides sufficient free area for quick drainage of rain water and protects the drain sump and connected piping from the intrusion of debris. Internal anti-vortex baffle creates siphonic drainage action producing more efficient drainage than conventional roof drains.

**Performance Data		
A(Pipe Size) in. (mm)	Max. Capacity cfs (lps)	Resistance Value, K
02 (50)	0.50 (41.2)	0.13
0250 (64)	0.60 (17.0)	0.13
03 (75)	1.40 (39.5)	0.16
04 (100)	1.70 (48.1)	0.23

**As tested and certified by ANSI/ASME A112.6.9 "Siphonic Roof Drains" Procedures and test apparatus.



Free Area
102.5 Sq. In.
(661) Sq. Cm.



*NOTE: 2 1/2(64) Pipe Size only available with male threaded outlet.

A(Pipe Size) = 02(50), *0250(64), 03(75) or 04(100)

recommended deck opening	
with suffix -R	17 (430) DIA
less suffix -R	14 (355) DIA

- ☐ Fig. 1005T (-WD2) MALE THREADED OUTLET
☐ Fig. 1005Y(-WD2) *NO HUB OUTLET

REGULARLY FURNISHED:
 Duco Cast Iron Body, Flashing
 Clamp with 2" High Water Dam,
 Anti-Vortex Baffle and Polyethylene
 Dome.

- VARIATIONS:**
- ☐ Sump Receiver -R
 - ☐ Underdeck Clamp -C
 - ☐ Underdeck Clamp for 10" Deck
Opening -C10"
 - ☐ "L" Shaped Underdeck Clamp -CL
 - ☐ Vandal Proof Dome -U

- OPTIONAL MATERIALS:**
- ☐ Aluminum Dome -AD
 - ☐ Cast Iron Dome -CID
 - ☐ Galvanized Cast Iron Dome -CIDG
 - ☐ Galvanized Cast Iron Body & Collar -G
 - ☐ Rough Bronze Dome -RBD

NOTE: Dimensions shown in
parentheses are in millimeters.

DRAWING NUMBER
S1005-WD2

SIZE
A

SCALE:
NONE

DATE:
7-16-14

APPROVED BY:
CR

CHECKED BY:
CR

DRAWN BY:
TBW

1005(-WD2)

FIGURE
NUMBER

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 1005(-WD2)
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