```
sfa_doc_type_poly_constant  THM

⊢  ∀T:Type, f:(∩D:Type. D→T), A:Type, a:A, B:Type, b:B.
|  f(a) = f(b) ∈ T  by Auto
|
1. T : Type
2. f : ∩D:Type. D→T
3. A : Type
4. a : A
5. B : Type
6. b : B
⊢  f(a) = f(b) ∈ T  by ApFun: f ∈ Top→T to: a = b ∈ Top
|
|\
| .....assertion .....
| ⊢  a = b ∈ Top  by Analyze
|
.\
. .....fun wf .....
. ⊢  f ∈ Top→T  by f ∈ (∩D:Type. D→T)  Asserted
. |
. 7. f ∈ (∩D:Type. D→T)
. ⊢  f ∈ Top→T  by Witness-1: Top
END
```