

Engineering Facts

www.hydroflo pumps.com



More Ductile Iron Products:

- 5", 6" & 7" Submersibles are all Ductile Iron castings.
- Hydroflo has pump models available in Ductile Iron Double Tapped and O-Ringed for High Pressure Applications.
- 12", 14" & 16" Ductile Iron Bearing Retainers.
- Ductile Iron Tube Adapters



ANSI 300 lb. 4" Ductile Iron Discharge Head

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Ductile Iron Discharge Heads With Identical Centerlines

1. Ductile Iron is a superior casting material over Class 30, Cast Iron.
2. Ductile Iron Tensile Strength - 65,000 lbs
Class 30 Cast Iron Tensile Strength - 30,000 lbs
3. Because of this strength, Hydroflo Ductile Iron discharge heads can handle higher pressures and more hang weight.
4. The porosity in Ductile Iron is much smaller, thus providing a better corrosive resistance than Cast Iron.
5. Cast Iron is a brittle casting. Ductile Iron has a stretch factor and will not break or crack as easy as Cast Iron.
6. Hydroflo provides 4", 6", 8" and 10" Ductile Iron discharge heads with identical centerlines. This allows different size pumps to connect into the same height header pipe.
7. Hydroflo has 4" and 6" Ductile Iron discharge heads with a 300 lb. ANSI discharge flange.



Hydroflo assembled short set pumps with 12" Discharge Heads.