

PRODUCT

District Heating Corporation

80mm (3") HDP

VALVE SPECIFICATIONS

Characteristics	Pressure Independent
Service	Heating Water or Chilled Water
Maximum Design Flow at 5 PSID [0.34bar] Minimum	3": 791 LPM
Maximum Flow Variation	+/- 5%
Differential Pressure Range	10 - 150 PSID [0.69 - 10.3 bar]
Body Pressure Rating	300 PSIG [20.7 bar]
Close Off Pressure	200 PSID [13.8 bar]
Pipe Connections	ANSI 300# FF Flanged
Materials	
Body	ASTM A536 Ductile Iron
Stem	ASTM 5640 Type 1 STS
Piston Seat	ASTM A351 or A240 STS
Disc	ASTM A240(UNS 30400/30403) STS
Leakage	ANSI / FCI 70-2-2-2006, Class IV
Rangeability	100 : 1
Maximum Temperature	Inlet : max 135°C Outlet : 250°F [121°C]
P/T Ports	3

Guaranteed ΔT

