

# Ductile Iron Resilient Seated Gate Valve, 250 psi DIPS & IPS Polyethylene Pipe Ends Sizes 2" – 12"



**CLOW Figure F6116**



Polyethylene pipe (PE) is quickly becoming popular in water distribution systems because of its distinctive corrosion resistance and non-leaking properties. Kennedy Valve is introducing a resilient seated gate valve made exclusively for PE pipe. This resilient seated gate valve features a light-weight ductile iron body that is NSF 61 approved.



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ISO 9001:2008 Certified  
ISO 14001:2004 Certified  
HDPE\_1-2014

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### What is Polyethylene?

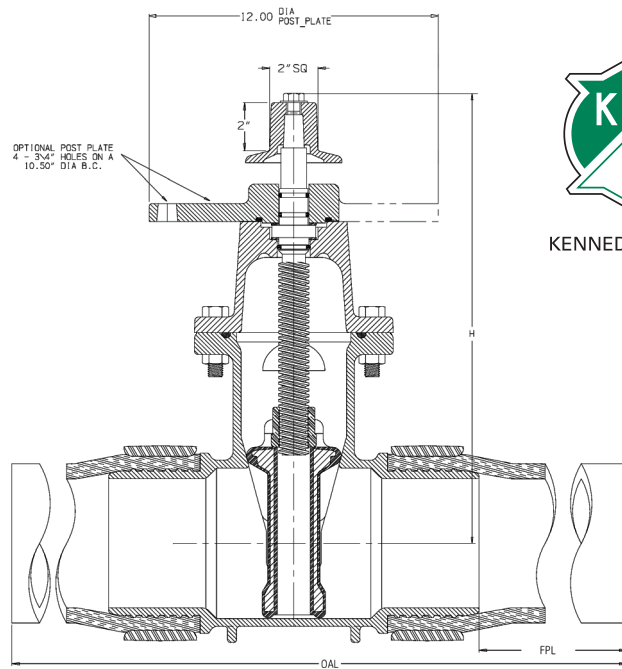
Polyethylene is a hydrocarbon product that is considered to be environmentally friendly and does not easily swell or dissolve in most common solvents.

### Safety

Because of the flexibility of the HDPE pipe and the rugged valve connection, a long pipeline can be assembled above ground with preinstalled valves and then placed in the pipe trench.

### Main Features and Benefits:

- Boltless end connection speeds up pipe installation
- Direct welding to HDPE pipes by using socket electrofusion or butt welding provides fast, effective, and secure joints
- Compression joining of HDPE pipe to the valve provides continuous tightness and tensile resistance
- Flexibility when choosing HDPE material because all types will connect to Kennedy PE valves
- Valve coupling compression feature offers strength beyond the tensile strength of the HDPE pipe
- Superior corrosion protection



KENNEDY VALVE

Standard Materials	
Body & Cover	Ductile Iron to ASTM A 536, 70-50-5
Coating	Heat Fused Epoxy to meet AWWA C550
Operating Nut	Iron to ASTM A126, CLASS B
Stem	Bronze ASTM B584, C86700
Wedge	Ductile Iron ASTM A536 / EPDM Encapsulated
Stuffing Box	Ductile Iron ASTM A536, Grade 70-50-5
Stem Nut	Bronze (NDZ) ASTM B763, Alloy C99500
Bolts & Nuts	Stainless Steel ASTM F593C/F594
O-Rings	Buna N

Optional Materials	
Pipe	Pipe 3408 4710 to AWWA C906 in DR 9 or DR11 (DIPS or IPS) suitable for buttfusion or electrofusion joining
Bolts & Nuts	316 or 304 Stainless Steel
Stem	Stainless Steel

Tests: Valve only  
Shell Test: 500 psi  
Seat Test: 300 psi

Reference	Size	O.A.L.	H'	FPL	Turns to Open
<b>IPS DR11 / STD 316 BOLTING</b>					
26390241117600	2	38.76	10.88	15.00	5
26390341117600	3	40.00	12.38	15.06	10
26390441117600	4	41.93	14.75	14.97	13
26390641117600	6	43.35	19.00	13.99	19
26390641117600	8	44.06	22.65	13.03	25
26391041117600	10	44.96	26.50	11.23	31
26391241117600	12	47.09	30.00	11.91	37
Available also in IPS 09					
<b>DIPS</b>					
263902-----	2	38.76	10.88	15.00	5
263903-----	3	40.00	12.38	15.06	10
263904-----	4	41.93	14.75	14.97	13
263906-----	6	43.35	19.00	13.99	19
263908-----	8	44.06	22.65	13.03	25
263910-----	10	44.96	26.50	11.23	31
263912-----	12	47.09	30.00	11.91	37
Available also in DIPS 09					

Utilization:  
For water max. 160°F



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