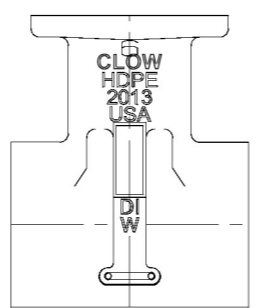


SECTION "A-A"  
6" CAP FLG PROFILE SHOWN

COATING: EPOXY  
(HEAT FUSED)  
TO MEET APPLICATION & PERFORMANCE  
REQUIREMENTS AWWA C550  
TO HAVE BEEN TESTED &  
ACCEPTED BY UL/FM



LETTERING DETAIL

ITEM	DESCRIPTION	# REQ'D	MATERIAL
R-1	HEX. HEAD BOLT	1	18-8 STAINLESS STEEL, ASTM F593C
R-2	FLAT WASHER	1	STEEL, PLATED
R-3	OPERATING NUT	1	CAST IRON ASTM A-126 CLASS B
R-3	HANDWHEEL	1	CAST IRON ASTM A-126 CLASS B
R-4	STUFFING BOX BOLTS	2	18-8 STAINLESS STEEL, ASTM F593C
R-5	HEX. NUTS	2	18-8 STAINLESS STEEL, ASTM F594
R-6	STUFFING BOX	1	DUCTILE IRON ASTM A-536
R-7	"O" RING (STEM)	3	BUNA-N
R-8	"O"-RING (ST. BOX)	1	BUNA-N
R-9	THRUST WASHER	1 2	2" & 2.5" 3" - 12" DELRIN
R-10	STEM	1	BRONZE ASTM B584 C86700 (STD) OR BRONZE NDZ ASTM B763 C99500 OR 304 STAINLESS STEEL ASTM A479
R-11	HEX. HEAD BOLTS		18-8 STAINLESS STEEL, ASTM F593C
R-12	HEX. NUTS		18-8 STAINLESS STEEL, ASTM F594
R-13	COVER	1	DUCTILE IRON ASTM A-536 (70-50-5)
R-14	STEM NUT	1	BRONZE ASTM B-763 C99500
R-15	"O"-RING (COVER)	1	BUNA-N
R-16	EPDM ENCAPSULATED WEDGE	1	DUCTILE IRON ASTM A-536 (70-50-5) EPDM RESILIENT MOLDED WEDGE
R-17	BODY	1	DUCTILE IRON ASTM A-536 (70-50-5)
R-18	(OPTIONAL) POST ADAPTOR PLATE	1	CAST IRON ASTM A126 CLASS B
R-19	HDPE NIPPLE	1	HDPE (4710 resin) to AWWA C906, complies w/ ASTM F714, NSF61 Certified
R-20	COMPRESSION RING	1	DUCTILE IRON

REFERENCE DIMENSIONS					
Nominal Size in's	Wall Thickness t	xx	yy	z	
2	0.34	6.00	6.25	4.25	
3	0.34	7.50	6.75	5.09	
4	0.44	9.50	7.00	6.00	
6	0.44	12.00	8.00	8.75	
8	0.50	14.88	9.00	10.38	
10	0.63	18.38	10.75	12.13	
12	0.69	20.81	12.25	14.13	



Nominal Size In's	Seat Dia ØH	No. of Turns to Open	Valve Dimensions - HDPE Ends										Ass' bld Weight
			A O.A.L. Ass'y	C "FREE" Pipe Lg	E to Top	ØG H.W. Dia	-	-	-	-	-	-	
2	2.00"	5	40.76	17.00"	10.88"	7.25"	-	-	-	-	-	-	311b
3	3.00"	10	42.01"	17.06"	12.38"	10.00"	-	-	-	-	-	-	501b
4	4.25"	13	42.39"	15.43"	14.75"	10.00"	-	-	-	-	-	-	761b
6	6.25"	19	43.77"	14.41"	19.00"	12.00"	-	-	-	-	-	-	1341b
8	8.25"	25	44.50"	13.47"	22.50"	14.00"	-	-	-	-	-	-	2211b
10	10.25"	31	47.30"	13.57"	26.50"	18.00"	-	-	-	-	-	-	3961b
12	12.25"	37	46.47"	11.29"	30.00"	18.00"	-	-	-	-	-	-	5661b

NO.	Date	ECN	REVISION
03	12/29/14	ECN 2828	ALL PIPE LENGTHS CHANGED TO 18" ON EITHER SIDE FOR ALL SIZES
02	09/20/14	-	REMOVED SHRINK WRAP (NEVER PROVIDED)
01	06/04/13	ECN 2867	Created Based On 81335-03 - Details Other End Types Remain In Previous, Existing Layers
3	8/11	-	ADDED 304 SST STEM MATERIAL
2	4/11	-	UPDATED WEDGE MATERIAL TO REFLECT UPGRADE

Tests, VALVE ONLY  
Per Protocols Conforming to  
AWWA, UL and FM  
Seat 300 psi both sides  
Shell 500 psi

Utilization:  
For Water to  
160°(F) MAXIMUM

**CLOW CANADA**  
FIG. # 6116

FILE PATH: DRAFT>DATE  
Drawn by: t  
ISSUED: 06/05/2013

**CLOW CANADA**  
KENNEDY VALVE  
ELMIRA, N.Y. 14901  
2" THRU 12" Model HDPE  
HDPE - NRS ASSEMBLY  
DWG NO. 81696

Revision 03

\* HALF SCALE OF A 6" VALVE SHOWN