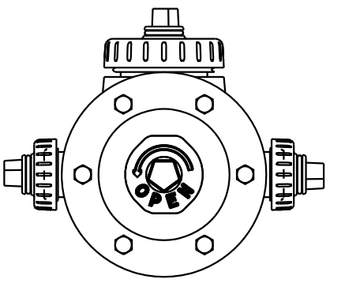
AWWA GUARDIAN HYDRANT

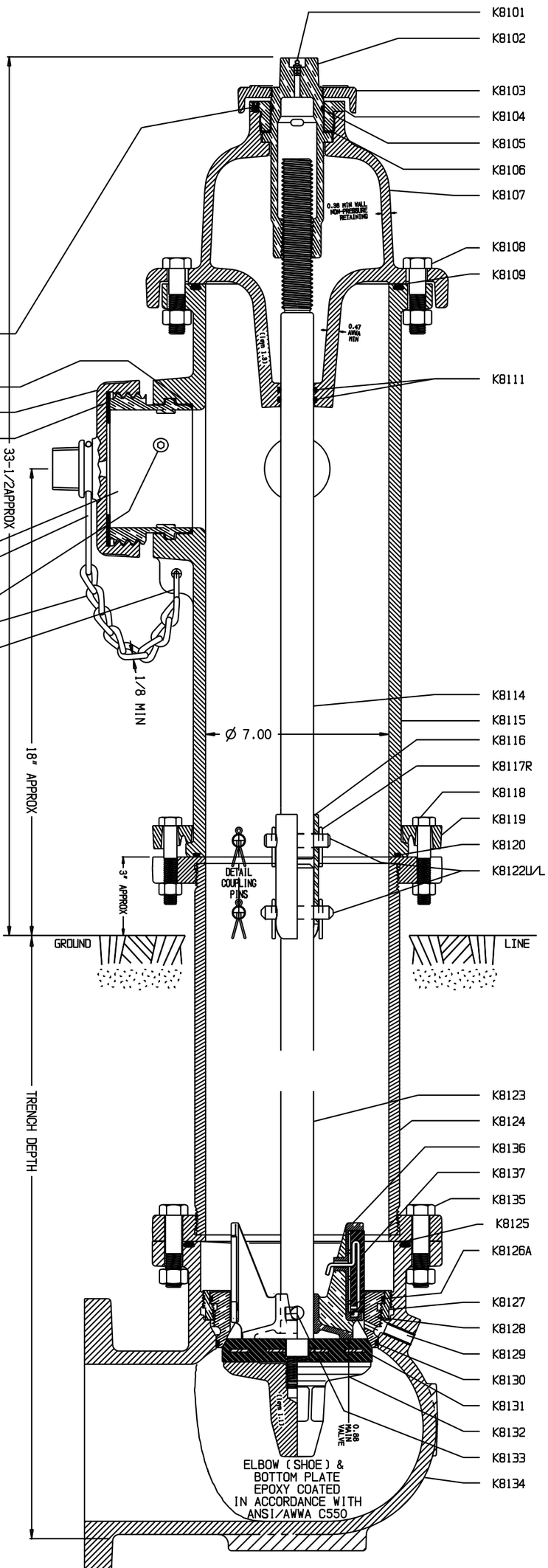
KENNEDY VALVE

Division of McWane, Inc

HYDRANT MEETS or EXCEEDS the REQUIREMENTS of AWWA C-502



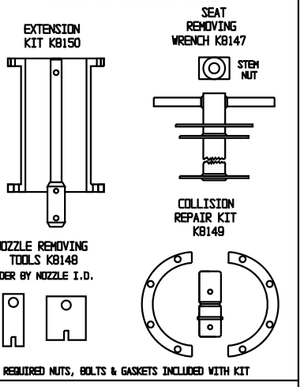
TWO HOSE & ONE STEAMER SHOWN,
TWO HOSE at 90 deg and OTHER CONFIGURATIONS AVAILABLE



5 1/4" MVO

Drain holes are shown rotated 90° for clarity.

ACCESSORIES
ORDER BY HYDRANT SIZE



REQUIRED NUTS, BOLTS & GASKETS INCLUDED WITH KIT

PARTS LIST

	DETAIL	PART	MATERIAL	ASTM SPEC (or as stated)
	K8101	ALEMITE FITTING	STAINLESS STEEL	A276 (304)
†	K8102	OPERATING STEM NUT	BRONZE	B584 C836/844 -MIN YS 14KSI
	K8103	DIRT SHIELD	CAST IRON	A126 CLASS B
	K8104	STEM LOCK NUT	BRONZE	B584 C836/844 -MIN YS 14KSI
†	K8105	O-RING	VITON	D2000
†	K8106	THRUST WASHER	NYLATRON GS	MIL LP-410
	K8107	HYDRANT CAP	CAST IRON	A126 CLASS B
‡	K8108	CAP BOLTS & NUTS	316 STAINLESS STEEL	F593G/F594
†	K8109	CAP SEAL	RUBBER	D2000
†	K8111	O-RING	BUNA-N (SYN. RUBBER)	D2000
	K8114	UPPER STEM	304 STAINLESS STEEL	A276
	K8115	UPPER BARREL	CAST IRON	A126 CLASS B
	K8116	STEM BREAKING COUPLING	STAINLESS STEEL	A312 TYPE 304
	K8117R	COTTER PIN	STAINLESS STEEL	18-8
‡	K8118	BOLTS & NUTS	316 STAINLESS STEEL	F593G/F594
	K8119	BREAKING RING	CAST IRON	A126 CLASS B
	K8120	O-RING	BUNA-N (SYN. RUBBER)	D2000
	K8122U	UPPER COUPLING PIN	STAINLESS STEEL	18-8
	K8122L	LOWER COUPLING PIN	STAINLESS STEEL	18-8
	K8123	LOWER STEM	304 STAINLESS STEEL	A276
	K8124	LOWER BARREL	DUCTILE IRON	ANSI/AWWA C151/A21.51
†	K8125	ELBOW SEAL	RUBBER	D2000
†	K8126A	O-RING	BUNA-N (SYN. RUBBER)	D2000
*	K8127	SEAT RING INSERT	BRONZE	B806 C95400 or B584 C89833
†	K8128	SEAT RING	BRONZE	B584 C89833 or C87850
	K8129	DRAIN TUBE	BRASS	B135 C23000
†	K8130	O-RING	BUNA-N (SYN. RUBBER)	D2000
‡ †	K8131	MAIN VALVE	E.P.D.M. W\ STEEL INSERT	D2000
	K8132	BOTTOM PLATE	CAST IRON	A126 CLASS B
	K8133	DRAIN VALVE PIN	STAINLESS STEEL	410/416
	K8134	ELBOW	DUCTILE IRON	A536 GRADE 70-50-5
‡	K8135	ELBOW BOLTS AND NUTS	316 STAINLESS STEEL	F593G/F594
†	K8136	DRAIN VALVE	ALUMINUM BRONZE	B806 C95400/C95500
	K8137	DRAIN VALVE FACING w/INSERT	SBR or BUNA-N w/STAINLESS STEEL	D2000/A276 (304)
	K8138	NOZZLE CHAIN 'S' HOOK	ZINC PLATED STEEL	A108
*	K8139	NOZZLE CAP CHAIN W/3 BANDS	ZINC PLATED STEEL	A108
#	K8140	HOSE NOZZLE	BRONZE	B806 C95400 or B584 C89833
†	K8141	NOZZLE RETAINING SCREW	STAINLESS STEEL	A276 (304)
#	K8142	NOZZLE	BRONZE	B806 C95400 or B584 C89833
#	K8143	NOZZLE CAP GASKET	NEOPRENE	D 2000
#	K8144	NOZZLE CAP	CAST IRON	A126 CLASS B
† #	K8145	O-RING	BUNA-N (SYN. RUBBER)	D2000
	K8146	ALLEN HEAD SET SCREW	STAINLESS STEEL	A276 (410)
†	K8147	SEAT REMOVAL WRENCH		
	K8148	NOZZLE REMOVAL TOOLS		
†	K8149	COLLISION REPAIR KIT		
	K8150	GRADE EXTENSION KIT		

* Denotes that part is available only as part of an assembly.
\# Must specify type of Nozzle, Hose or Steamer.
† Recommended spare parts.

NOZZLE ARRANGEMENTS

2 HOSE & 1 STEAMER
2 HOSE at 90°
2 STEAMERS at 90°
4 HOSE at 90°

KENNEDY
K81-D
MARKING
FRONT HALF UPPER
OF 'DUAL RATED'
HYDRANTS
NOT ALL HYDRANTS AVAILABLE
UL LISTED-FM APPROVED
CONSULT FACTORY

KENNEDY
ELMIRA, NY
AWWA
K81-A
MARKING
FRONT HALF UPPER
OF AWWA ONLY
HYDRANTS

OPEN DIRECTION ON DIRT SHIELD

20 14
CURRENT YEAR ON FRONT

5 1/4 SIZE

KENNEDY
ELMIRA, NY
AWWA
250 CWP
MARKING
BACK HALF ALL UPPERS

The GUARDIAN Hydrant meets or exceeds all requirements of AWWA C-502.

SPECIFICATIONS

CUSTOMER: JEFFERSON PARISH WEST BANK, LA
Spec: ----
No TURNS\DIRECTIO OPEN: 15 1\2-OPEN LEFT
CAP & OPERATING NUT SHAPE - SIZE: 1-1/2" PENTAGON
HOSE NOZZLE THDS: TWO - 2 1/2" ID; 3.062" x 7.5TPI NST
STEAMER NOZZLE THDS: 4-1/2" ID; 5.750" x 4TPI NST
TRENCH DEPTH: PER ORDER
SIZE & TYPE of PIPE CONN. to MAIN: 6" FLANGE

PAINT: SILVER

OTHER: 316 SS B&Ns, SS STEMS & BREAKER COUPLING

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NO	Date	INIT	ECN	REVISION
19	11/13	SJH	-	ALL WETTED BRASSES CHANGED TO LEAD FREE TO COMPLY WITH SDWA
18	3/08	SJH	2705	6" MJ DI ELBOW WAS GRAY IRON; SST ELBOW BOLTS WERE STEEL; COLD DRAWN STEMS WERE HOT ROLLED
17	12/07	SJH	BMO403	CAP GASKET AND ELBOW GASKET SUPERSEDED BY CAP SEAL AND ELBOW SEAL
16	8/07	DB	2709	Change AWWA markings from "200 CWP" to "250 CWP"
15	8/06	SJH	2702	New style clevis pins were clevis/cotter/bridge pins
14	4/06	SJH	2701	K8135-BRONZE VALVE was Hot Brass (C08834/844 to AWW "X" Min was Plated Steel - ASM stainless K8126-ELBOW LINER PIN was K8122 Coupling Rod) Pin was K8121 Half Pin Clips
13	12/05	LZC	-	Working Revised For K-81D (UL/FM & AWWA) or K-81A (AWWA Only)
12	6/05	LZC	-	ASSEMBLY DRAWING ADDED

KENNEDY VALVE
ELMIRA, NY 14902

AWWA 5 1/4" K81A/D ASSY DWG:
DRY TOP with BRZ to BRZ SEAT and 1/4 TURN NOZZLES
- 3 Way Upper

CUSTOMER: JEFFERSON PARISH WB, LA

DRAWN BY:	DWG NO.	Revision 19
DJ	80783JP WB	
JPF		

SCALE: NONE | FILE PATH: DWP7MMD