3” - 24” DUCTILE IRON
MECHANICAL JOINT COMPACT FITTINGS

ELECTROSTEEL USA

SUBMITTAL INFORMATION

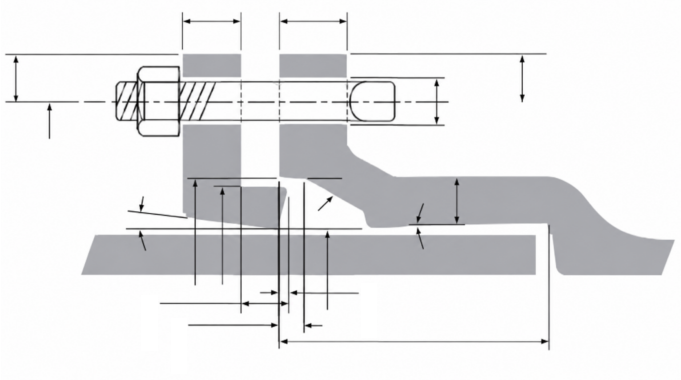
Project Name

Location

Engineer

Referenced Specs

Distributor / Contractor



OPTIONAL SPECIFICATIONS

COATING

☐ Asphaltic Seal Coat
In Accordance With ANSI/AWWA C104/A21.4

☐ Bare ☐ Other - Specify:

LINING

☐ Cement-Mortar
In Accordance With ANSI/AWWA C104/A21.4

☐ Single Lined ☐ Double Lined

☐ Asphalt Coating ☐ No Asphalt Coating

☐ Ceramic Epoxy ☐ Bare

☐ Other - Specify:

GASKETS

☐ Standard SBR (Buna-S)
In Accordance With ANSI/AWWA C111/A21.11

☐ Other - Specify:

AWWA MEMBER · UL · FM APPROVED · ISO 9001 · NSF-61

GENERAL SPECIFICATIONS

Material	Ductile Iron per ASTM A536
Pressure	350 PSI rating for 3” - 24” sizes
Testing	In accordance with ANSI/AWWA C153/A21.53 and UL, FM requirements
Laying Length	In accordance with ANSI/AWWA C153/A21.53 (fittings not listed in ANSI/AWWA have dimensions per Electrosteel USA)
Deflection	3”-4”=8° | 6”=7° | 8”-12”=5° | 14”-16”=3 1/2° | 18”-24”=3°
Flanges	Flanged ends on fitting match ANSI/AWWA C115/A21.15 and ANSI B16.1 class 125 flanges
Weight	Are in pounds, unless noted otherwise and do not include accessories, cement lining and coating
Dimensions	MJ Bell dimensions meet ANSI/AWWA C111/A21.11 specification. All dimensions are in inches unless noted otherwise
Installations	Per ANSI/AWWA C600 and C111
Approvals	3” - 24” UL Listed | 3” - 12” FM Approved | 3” and higher NSF 61 Please consult Electrosteel USA for detail listing and approvals

TECHNICAL SPECIFICATIONS

Select	Size	A	B	C	D	F	J	K1	K2	M	S	L	Ø	X	BOLT No.	BOLT Size	BOLT Length
☐	3	3.96	2.50	4.84	4.94	4.06	6.19	7.62	7.69	0.62	0.39	0.58	28°	3/4	4	5/8	3
☐	4	4.80	2.50	5.92	6.02	4.90	7.50	9.06	9.12	0.75	0.39	0.60	28°	7/8	4	3/4	3 1/2
☐	6	6.90	2.50	8.02	8.12	7.00	9.50	11.06	11.12	0.88	0.43	0.63	28°	7/8	6	3/4	3 1/2
☐	8	9.05	2.50	10.17	10.27	9.15	11.75	13.31	13.37	1.00	0.45	0.66	28°	7/8	6	3/4	3 1/2
☐	10	11.10	2.50	12.22	12.34	11.20	14.00	15.62	15.62	1.00	0.47	0.70	28°	7/8	8	3/4	3 1/2
☐	12	13.20	2.50	14.32	14.44	13.30	16.25	17.88	17.88	1.00	0.49	0.73	28°	7/8	8	3/4	3 1/2
☐	14	15.30	3.50	16.40	16.54	15.44	18.75	20.25	20.25	1.25	0.55	0.79	28°	7/8	10	3/4	4
☐	16	17.40	3.50	18.50	18.64	17.54	21.00	22.50	22.50	1.31	0.58	0.85	28°	7/8	12	3/4	4
☐	18	19.50	3.50	20.60	20.74	19.64	23.25	24.83	24.75	1.38	0.68	1.00	28°	7/8	12	3/4	4
☐	20	21.60	3.50	22.70	22.84	21.74	25.20	27.08	27.00	1.44	0.69	1.02	28°	7/8	14	3/4	4
☐	24	25.80	3.50	26.90	27.04	25.94	30.00	31.58	31.50	1.56	0.75	1.02	28°	7/8	16	3/4	4 1/2

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