

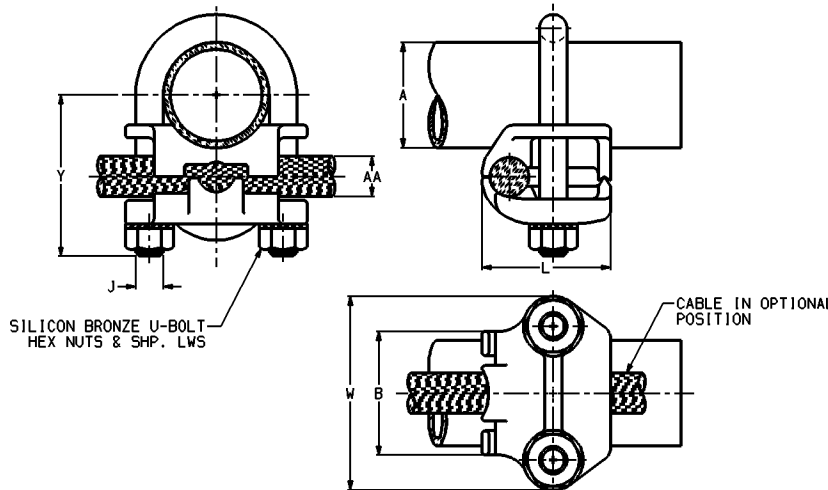
D

C

B

A

7			6			5			4			3			2			1												
A						AA										B		Y		J		L		W		U" BOLT		TORQUE		
ROD ACCOMMODATED			I.P.S. PIPE ACCOMMODATED			COPPER CONDUCTOR ACCOMMODATED										CAT NO.	(in) (mm)		(in) (mm)		(in) (mm)		(in) (mm)		(in) (mm)					
NOMINAL DIAMETER (in)	ACTUAL DIAMETER		NOMINAL DIAMETER (in)	ACTUAL DIAMETER		AWG				METRIC WIRE SIZE																				
	(in)	(mm)		(in)	(in)	(mm)	MIN		MAX		MIN		MAX		DIA															
						SIZE	DIA	SIZE	DIA	SIZE	DIA	SIZE	DIA		(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	Lb*in	N*m				
0.5	0.500	[13]	1/4	0.540	[14]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR114C	1.50	[38]	1.88	[48]	3/8	[10]	1.31	[33]	1.88	[48]	271	240	27.0			
0.5	0.500	[13]	1/4	0.540	[14]	4 sol	0.204	2/0 str	0.419	25mm² str	[6.5]	70mm² str	[10.9]	GAR1126	1.50	[38]	1.88	[48]	3/8	[10]	1.56	[40]	1.88	[48]	271	240	27.0			
0.5	0.500	[13]	1/4	0.540	[14]	2/0 sol	0.365	250 kcmil	0.575	70mm² Str	[10.9]	120mm² str	[14.4]	GAR1129	1.75	[44]	1.88	[48]	3/8	[10]	1.81	[46]	1.88	[48]	271	240	27.0			
0.625 - 0.75	0.625 - 0.75	[16-19]	3/8	0.675	[17]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR644C	1.50	[38]	2.06	[52]	3/8	[10]	1.31	[33]	2.06	[52]	269	240	27.0			
0.625 - 0.75	0.625 - 0.75	[16-19]	3/8	0.675	[17]	4 sol	0.204	2/0 str	0.419	25mm² str	[6.5]	70mm² str	[10.9]	GAR6426	1.50	[38]	2.06	[52]	3/8	[10]	1.56	[40]	2.06	[52]	269	240	27.0			
0.625 - 0.75	0.625 - 0.75	[16-19]	3/8	0.675	[17]	2/0 sol	0.365	250 kcmil	0.575	70mm² str	[10.9]	120mm² str	[14.4]	GAR6429	1.75	[44]	2.06	[52]	3/8	[10]	1.81	[46]	2.06	[52]	269	240	27.0			
0.625 - 0.75	0.625 - 0.75	[16-19]	3/8	0.675	[17]	300 kcmil	0.63	500 kcmil	0.813	150mm² str	[16.0]	240mm² str	[20.3]	GAR6434	2.00	[51]	2.56	[65]	1/2	[13]	2.25	[57]	2.44	[62]	254	480	54.1			
1.000	1.000	25	1/2-3/4	.840-1.050	[21-27]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR144C	1.50	[38]	1.81	[46]	3/8	[10]	1.31	[33]	2.35	[60]	222	240	27.0			
1.000	1.000	25	1/2-3/4	.840-1.050	[21-27]	4 sol	0.204	2/0 str	0.419	25mm² str	[6.5]	70mm² str	[10.9]	GAR1426	1.50	[38]	1.81	[46]	3/8	[10]	1.56	[40]	2.38	[60]	249	240	27.0			
1.000	1.000	25	1/2-3/4	.840-1.050	[21-27]	2/0 sol	0.365	250 kcmil	0.575	70mm² str	[10.9]	120mm² str	[14.4]	GAR1429	1.75	[44]	2.12	[54]	3/8	[10]	1.81	[46]	2.38	[60]	249	240	27.0			
1.000	1.000	25	1/2-3/4	.840-1.050	[21-27]	300 kcmil	0.63	500 kcmil	0.813	150mm² str	[16.0]	240mm² str	[20.3]	GAR1434	2.00	[51]	2.69	[68]	1/2	[13]	2.38	[60]	2.75	[70]	247	480	54.1			
1.000	1.000	25	1/2-3/4	.840-1.050	[21-27]	550 kcmil	0.85	750 kcmil	0.998	300mm² str	[22.6]	300mm² str	[22.6]	GAR1439	2.12	[54]	3.44	[87]	1/2	[13]	2.56	[65]	2.75	[70]	360	480	54.1			
1.120 - 1.31	1.120 - 1.31	[28-33]	1	1.315	[33]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR154C	1.75	[44]	2.31	[59]	3/8	[10]	1.31	[33]	2.62	[67]	244	240	27.0			
1.120 - 1.31	1.120 - 1.31	[28-33]	1	1.315	[33]	4 sol	0.204	2/0 str	0.419	25mm² str	[6.5]	70mm² str	[10.9]	GAR1526	1.75	[44]	2.31	[59]	3/8	[10]	1.56	[40]	2.62	[67]	244	240	27.0			
1.120 - 1.31	1.120 - 1.31	[28-33]	1	1.315	[33]	2/0 sol	0.365	250 kcmil	0.575	70mm² str	[10.9]	120mm² str	[14.4]	GAR1529	1.75	[44]	2.31	[59]	3/8	[10]	1.81	[46]	2.62	[67]	244	240	27.0			
1.120 - 1.31	1.120 - 1.31	[28-33]	1	1.315	[33]	300 kcmil	0.63	500 kcmil	0.813	150mm² str	[16.0]	240mm² str	[20.3]	GAR1534	2.19	[56]	3.31	[84]	1/2	[13]	2.38	[60]	3.00	[76]	311	480	54.1			
1.120 - 1.31	1.120 - 1.31	[28-33]	1	1.315	[33]	550 kcmil	0.85	750 kcmil	0.998	300mm² str	[22.6]	300mm² str	[22.6]	GAR1539	2.19	[56]	3.31	[84]	5/8	[13]	2.56	[65]	3.00	[76]	311	660	74.4			
1.380 - 1.66	1.380 - 1.66	[35-42]	1 1/4	1.660	[42]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR164C	1.88	[48]	2.31	[59]	3/8	[10]	1.31	[33]	3.00	[76]	204	240	27.0			
1.380 - 1.66	1.380 - 1.66	[35-42]	1 1/4	1.660	[42]	4 sol	0.204	2/0 str	0.419	25mm² str	[6.5]	70mm² str	[10.9]	GAR1626	1.88	[48]	2.31	[59]	3/8	[10]	1.56	[40]	3.00	[76]	204	240	27.0			
1.380 - 1.66	1.380 - 1.66	[35-42]	1 1/4	1.660	[42]	2/0 sol	0.365	250 kcmil	0.575	70mm² str	[10.9]	120mm² str	[14.4]	GAR1629	1.88	[48]	2.31	[59]	3/8	[10]	1.51	[38]	3.00	[76]	204	240	27.0			
1.380 - 1.66	1.380 - 1.66	[35-42]	1 1/4	1.660	[42]	300 kcmil	0.63	500 kcmil	0.813	150mm² str	[16.0]	240mm² str	[20.3]	GAR1634	2.19	[56]	3.19	[81]	1/2	[13]	2.38	[60]	3.38	[86]	423	480	54.1			
1.380 - 1.66	1.380 - 1.66	[35-42]	1 1/4	1.660	[42]	550 kcmil	0.85	750 kcmil	0.998	300mm² str	[22.6]	300mm² str	[22.6]	GAR1639	2.44	[62]	3.56	[90]	1/2	[13]	2.75	[70]	3.75	[95]	359	480	54.1			
1.620 - 1.90	1.620 - 1.90	[41-48]	1 1/2	1.900	[48]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR174C	2.31	[59]	2.69	[68]	3/8	[10]	1.31	[33]	3.25	[83]	268	240	27.0			
1.620 - 1.90	1.620 - 1.90	[41-48]	1 1/2	1.900	[48]	4 sol	0.204	2/0 str	0.419	25mm² str	[6.5]	70mm² str	[10.9]	GAR1726	2.31	[59]	2.69	[68]	3/8	[10]	1.56	[40]	3.25	[83]	268	240	27.0			
1.620 - 1.90	1.620 - 1.90	[41-48]	1 1/2	1.900	[48]	2/0 sol	0.365	250 kcmil	0.575	70mm² str	[10.9]	120mm² str	[14.4]	GAR1729	2.31	[59]	2.69	[68]	3/8	[10]	1.81	[46]	3.25	[83]	268	240	27.0			
1.620 - 1.90	1.620 - 1.90	[41-48]	1 1/2	1.900	[48]	300 kcmil	0.63	500 kcmil	0.813	150mm² str	[16.0]	240mm² str	[20.3]	GAR1734	2.50	[64]	3.19	[81]	1/2	[13]	2.38	[60]	3.62	[97]	302	480	54.1			
1.620 - 1.90	1.620 - 1.90	[41-48]	1 1/2	1.900	[48]	550 kcmil	0.85	750 kcmil	0.998	300mm² str	[22.6]	300mm² str	[22.6]	GAR1739	2.75	[70]	3.56	[90]	5/8	[16]	2.75	[70]	4.06	[103]	369	660	74.4			
2.000 - 2.38	2.000 - 2.38	[51-60]	2	2.375	[60]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR184C	2.75	[70]	2.62	[67]	3/8	[10]	1.31	[33]	3.69	[94]	257	240	27.0			
2.000 - 2.38	2.000 - 2.38	[51-60]	2	2.375	[60]	4 sol	0.204	2/0 str	0.419	25mm² str	[6.5]	70mm² str	[10.9]	GAR1826	2.75	[70]	2.62	[67]	3/8	[10]	1.56	[40]	3.69	[94]	257	240	27.0			
2.000 - 2.38	2.000 - 2.38	[51-60]	2	2.375	[60]	2/0 sol	0.365	250 kcmil	0.575	70mm² str	[10.9]	120mm² str	[14.4]	GAR1829	2.75	[70]	2.62	[67]	3/8	[10]	1.81	[46]	3.69	[94]	310	240	27.0			
2.000 - 2.38	2.000 - 2.38	[51-60]	2	2.375	[60]	300 kcmil	0.63	500 kcmil	0.813	150mm² str	[16.0]	240mm² str	[20.3]	GAR1834	2.75	[70]	3.62	[92]	1/2	[13]	2.38	[60]	4.06	[103]	260	480	54.1			
2.000 - 2.38	2.000 - 2.38	[51-60]	2	2.375	[60]	550 kcmil	0.85	750 kcmil	0.998	300mm² str	[22.6]	300mm² str	[22.6]	GAR1839	3.00	[76]	3.8	[97]	5/8	[16]	2.75	[70]	4.44	[113]	358	660	74.4			
2.500 - 2.88	2.500 - 2.88	[64-73]	2 1/2	2.875	[73]	8 sol	0.128	4 str	0.232	10mm² sol	[3.6]	16mm² str	[5.1]	GAR194C	3.25	[83]	3.19	[81]	3/8	[10]	1.31	[33]	4.19	[106]	266	240	27.0			



NOTES:

1. MATERIAL: CAST COPPER ALLOY.
2. FINISH: BRIGHT DIPPED.
3. UL 467 LISTED FILE NO. E9999, ACCEPTABLE FOR DIRECT BURIAL.
4. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS, ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.

GROUND CLAMP			
CAT NO: GAR- (TABLE)	SCALE: 1"=1'-0"	DATE: 11/25/99	
DRAWN BY: 11/25/99	CHECKED BY: GHS	DATE: 11/30/99	
DESIGN APPR. G. DITTOIA	11/11/99	APP. N/A	
C.A. APPR. A. LLOYD	12/2/99	APP. E. WOOD	
CAD FILE: SD15789-SHT01	PH. REF: N/A	REV. REF: N/A	
PROJECT: _____		DRAWING NO. SD15789	
BY: _____		REV. _____	
U.S. ELECTRICAL DIVISION		MANCHESTER, NH 03106	
SHEET 1 OF 3		26	