

3" X 1/4" FRP Angle

ALLOWABLE CONCENTRIC AXIAL STRESSES AND LOADS

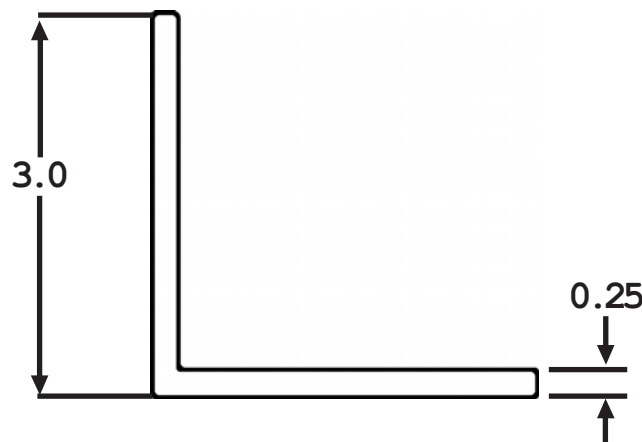
$$A = 1.42 \text{ in.}^2 / 916.1 \text{ mm.}^2$$

$$r = .59 \text{ in.} / 14.99 \text{ mm.}$$

$$b/t = 12$$

Effective Length (ft/m)	$\frac{Kl}{r}$	F_a (psi/kPa)	P_a (lbs/N)
1.00/0.30	20.3	2444/16852	3471/15438
1.50/0.46	30.5	2250/15511	3195/14210
2.00/0.61	40.7	2055/14171	2919/12982
2.50/0.76	50.8	1861/12830	2642/11754
3.00/0.91	61.0	1666/11490	2366/10526
3.50/1.07	71.2	1472/10149	2090/9298
4.00/1.22	81.4	1278/8809	1814/8070
4.50/1.37	91.5	1083/7468	1538/6842
5.00/1.52	101.7	891/6141	1265/5626
5.50/1.68	111.9	736/5075	1045/4650
6.00/1.83	122.0	619/4265	878/3907
6.5/1.98	132.2	527/3634	748/3329
7.0/2.13	142.4	454/3133	645/2871
7.5/2.29	152.5	396/2729	562/2501
8.0/2.44	162.7	348/2399	494/2198
8.5/2.59	172.9	308/2125	438/1947
9.0/2.74	183.1	275/1895	390/1736
9.5/2.90	193.2	247/1701	350/1559

English/Metric



PROJECT NAME AND LOCATION:
MODEL NO.:
DWG NAME:
DRAWING NUMBER: **A-100** JOB NUMBER: SHEET **1** OF **1** REV: **0**
SCALE: **NO SCALE** COMMENTS:

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REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
0					
1					
2					
3					
4					

COOLING TOWER DEPOT, INC
CORPORATE CIRCLE
GOLDEN, CO 80401
720-746-1234

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SCALE: **NO SCALE**
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