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4/23 By Symmetry)
$$A = E = 2.5 \text{ kN}; \ \alpha = + an^{-1}(\frac{2}{4})$$
 $= 24.6^{\circ}$

1 kN AB
 $EFy = 0: 2.5 - 1 - AB \sin \alpha = 0$
 $AB = 3.35 \text{ kN} C$

2.5 kN $EF_{X} = 0: -3.35 \cos \alpha + AH = 0$
 $AH = 3 \text{ kN} T$
 $EF_{X} = 0: 3.35 \cos \alpha - BC \cos \alpha = 0$
 $EF_{X} = 0: 3.35 \cos \alpha - BC \cos \alpha = 0$
 $EF_{X} = 0: 3.35 \cos \alpha - BC \cos \alpha = 0$
 $EF_{X} = 0: -1 + (3.35 - 3.35) \sin \alpha + BH = 0$
 $EF_{X} = 0: -1 + CH \sin 45^{\circ} = 0$
 $EF_{X} = 0: -3 + 1.41 \cos 45^{\circ} + GH = 0$
 $EF_{X} = 0: -3 + 1.41 \cos 45^{\circ} + GH = 0$
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 $EF_{X} = 0: -1 + CH \sin 45^{\circ} + GH = 0$
 $EF_{X} = 0: -1 + CH \sin 45^{\circ} + GH = 0$
 $EF_{X} = 0: -1 + CH \sin$