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| bee87302_p02026.tif | **Problem 2.20**  Member *BD* exerts on member *ABC* a force **P** directed along line *BD*. Knowing that **P** must have a 300-lb horizontal component, determine (*a*) the magnitude of the force **P**, (*b*) its vertical component. |

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| **Solution**  bee29230_s02-025  (*a*)  ****  (*b*) Vertical component  **** |