

the only stars known to spin faster are dead ones called <u>pulsars</u>. In fact, a pulsar seems to be fleeing from the fast-spinning star, suggesting the two were once a pair that split up when a companion star exploded and became the pulsar we see today. Before the explosion, the companion star may have dumped gas onto VFTS 102, spinning

it up to extreme speed the way falling water makes a water wheel turn. If the star spun just 20% faster, the centrifugal force would fling it apart.

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