

ABSTRACT

Stellar Rotation/IAU Symposium No. 215
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TITLE: Rotation of Intermediate and Low Mass MS Stars:

Bob Kraft (1967) showed that there is a break in the mean rotational velocity of stars at about spectral type F5, with more massive stars generally being rapid rotators and less massive stars generally being slow rotators. He also showed that in the late F spectral range at least, there is an evolution with time on the main sequence, with younger F stars being more rapidly rotating. Observations of low mass stars in open clusters have since been used to show that rotational spindown is the common feature of stars less massive than the sun and that there is a wide spread in rotational velocities when stars arrive on the ZAMS. I will review what is known now concerning the rotational velocities of intermediate and low mass field stars, using the open cluster data to place the field star observations in context.