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Magnetized stars usually exhibit periodic variations of the effective (longitudinal) magnetic field B_e caused by their rotation. We present the catalogue of magnetic phase curves, B_e vs. the rotational phase ϕ , and tables of their parameters. Phase curves were obtained by the least squares fitting of sine wave or double wave functions to the available B_e measurements, which were compiled from the existing literature. This paper presents magnetic phase curves for 137 stars on the main sequence and above it. Most of catalogued objects are chemically peculiar A and B type stars (132 stars). For some stars we also improved or determined periods of their rotation. We discuss the distribution of parameters describing magnetic phase curves in our sample.
