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THE INFLUENCE OF THE HYDRODINAMIC, CINEMATIC AND GEOMETRIC PARAMETERS ON THE CHARACTERISTICS AT THE HYDRODYNAMIC CLUTH FOR MOTOR VEHICLES

ABSTRACT

The paper presents large number of data, origination from the past researches, that may be used at determinations of shapes of meridian cross-section and the position of blade circuits within the operating space of the hydraulic turbo converter. The experimental results concerning the influences of the geometric, cinematic and hydrodynamic parameters to the characteristics of the hydraulic turbo converter. The awareness of all these dependancies may be very usefull to all involved, in any way, with hydraulic torque converters. For conducting experimental esearches, indirect measuring method is, used, based on the definition of the pressure distributed at the speed sondes walls. From that purpose, original experimental equipment was developed.

KEYWORDS: motor vehicle, transmission, hydrodynamic cluth

INTRODUCTION

For conducting experimental researches, indirect measuring method is used, based on the definition of the pressure distributed at the speed sondes walls. While improving solutions for the turbojunctions that have already been derived and particulary, while developing completely

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