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| <University, College name> <Name of the faculity> |
| Technical documentation |
| <Race number> |
| <Team name> |
| XI. International Aventics Pneumobile Competition 2018. |

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# Technical data sheet

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| **AVENTICS PNEUMOBIL 2018 TECHNICAL DATA SHEET** | | | | | |
| **START NUMBER:** | |  | | | |
| **NAME OF TEAM:** | |  | | | |
| **NAME OF UNIVERSITY:** | |  | | | |
| **TEAM-MEMBERS** | | | | **Year/class:** | |
|  | | | |  | |
|  | | | |  | |
|  | | | |  | |
|  | | | |  | |
| **Name of supporting instructor:** | |  | | | |
| **DESCRIPTION OF THE CONSTRUCTION OF THE PNEUMOBILE** | | | | | |
|  | | | | | |
| **VEHICLE-TYPE** | |  | | |  |
|  | | | | | |
| **PLANNED HIGHEST SPEED** | |  | | | km/h |
| **PLANNED BIGGEST DISTANCE** | |  | | | m |
|  | | | | | |
| **MAIN DIMENSIONS OF THE PNEUMOBILE** | |  | | |  |
| LENGTH | |  | | | mm |
| WIDTH | |  | | | mm |
| MASS | |  | | | kg |
|  | | | | | |
| **DATA OF THE UNDERCARRIAGE** | |  | | |  |
| AXLE-BASE | |  | | | mm |
| TRACK WIDTH | |  | | | mm |
| SZABAD HASMAGASSÁG | |  | | | mm |
| DIAMETER OF STEERED WHEEL(S) | |  | | | mm |
| NUMBER OF STEERED WHEELS | |  | | | Pcs. |
| BRAKE-SYSTEM OF THE STEERED WHEEL | |  | | |  |
|  | |  | | |  |
| DIAMETER OF DRIVEN WHEEL(S) | |  | | | mm |
| NUMBER OF DRIVEN WHEELS | |  | | | Pcs. |
| BRAKE-SYSTEM OF THE DRIVEN WHEEL | |  | | |  |
|  | | | | | |
| **ENGINE-CONSTRUCTION** |  | | | | |
| **TYPE OF DRIVING** |  | | | | |
|  | | | | | |
| **DATA OF THE PNEU-ENGINE** | | |  | |  |
| NUMBER OF CYLINDERS IN THE ENGINE | | |  | | Pcs. |
| TOTAL CYLINDER CAPACITY OF ACTIVE CHAMBERS | | |  | | cm3 |
| REVOLUTION PER MINUTE OF THE ENGINE-AXLE | | |  | | rev/min |

|  |  |  |
| --- | --- | --- |
| TORQUE OF THE ENGINE |  | Nm |
|  | | |
| **DATA OF THE APPLIED CYLINDERS** |  |  |
| DIAMETER |  | mm |
| LENGTH OF STROKE |  | mm |
| NUMBER OF CYLINDERS |  | Pcs. |

Undersigned teacher, from the University/College, as supporter teacher, declare that I have overlooked the sent documentation of planning vehicle and have controlled right the formal and content requirements of documents.

Additionally I certificate that the members of team have made the documents.

,2017

signature

# Presentation of vehicle

# Dimensions and weight

# Frame and body

# Driver safety

# Compressed air Bottle

# Puffer containers

# Engine

# Control system

# Drive chain

# Suspension /Wheel fixing

# Steering system

# Breaks

# Appendix