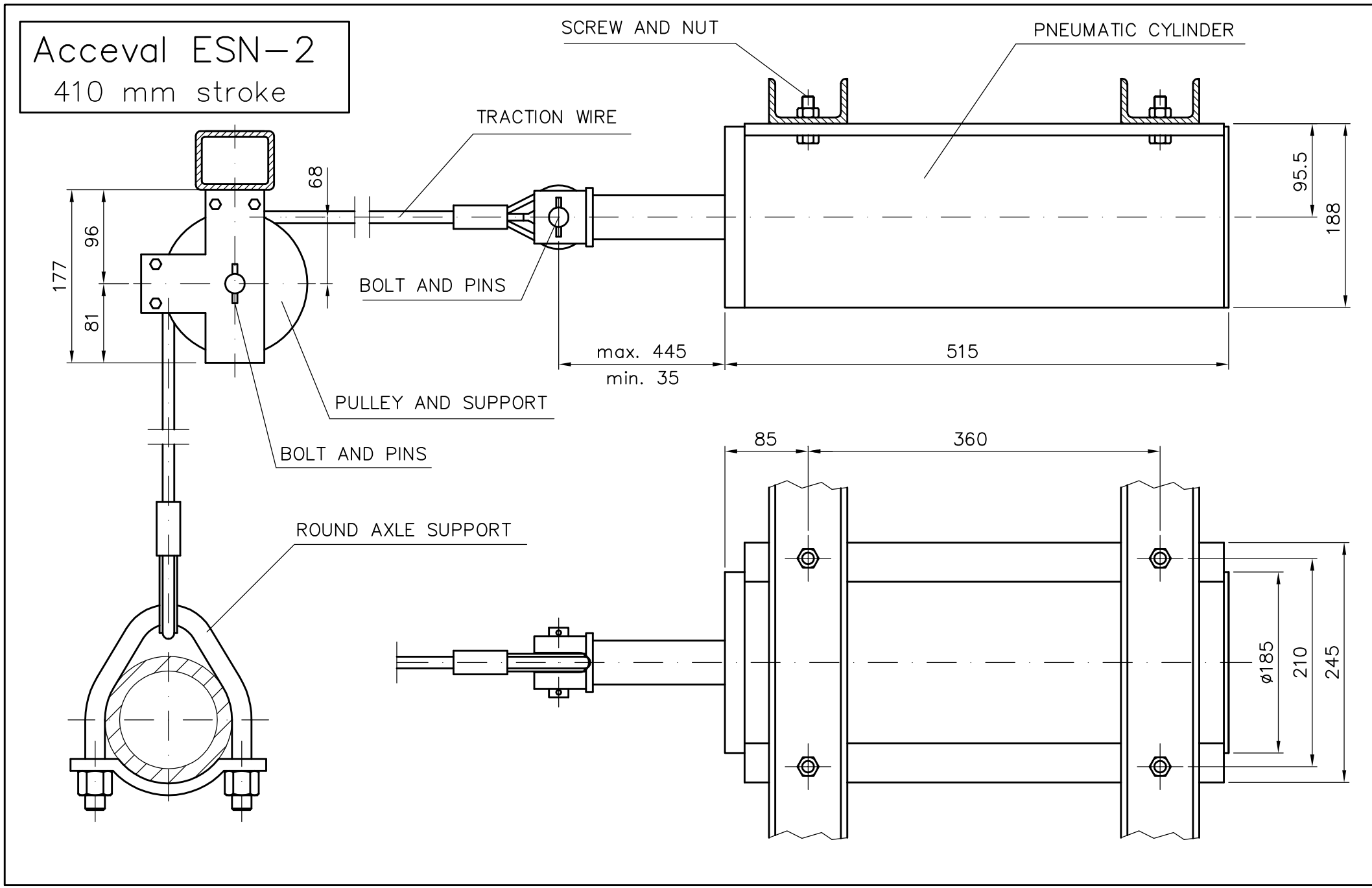
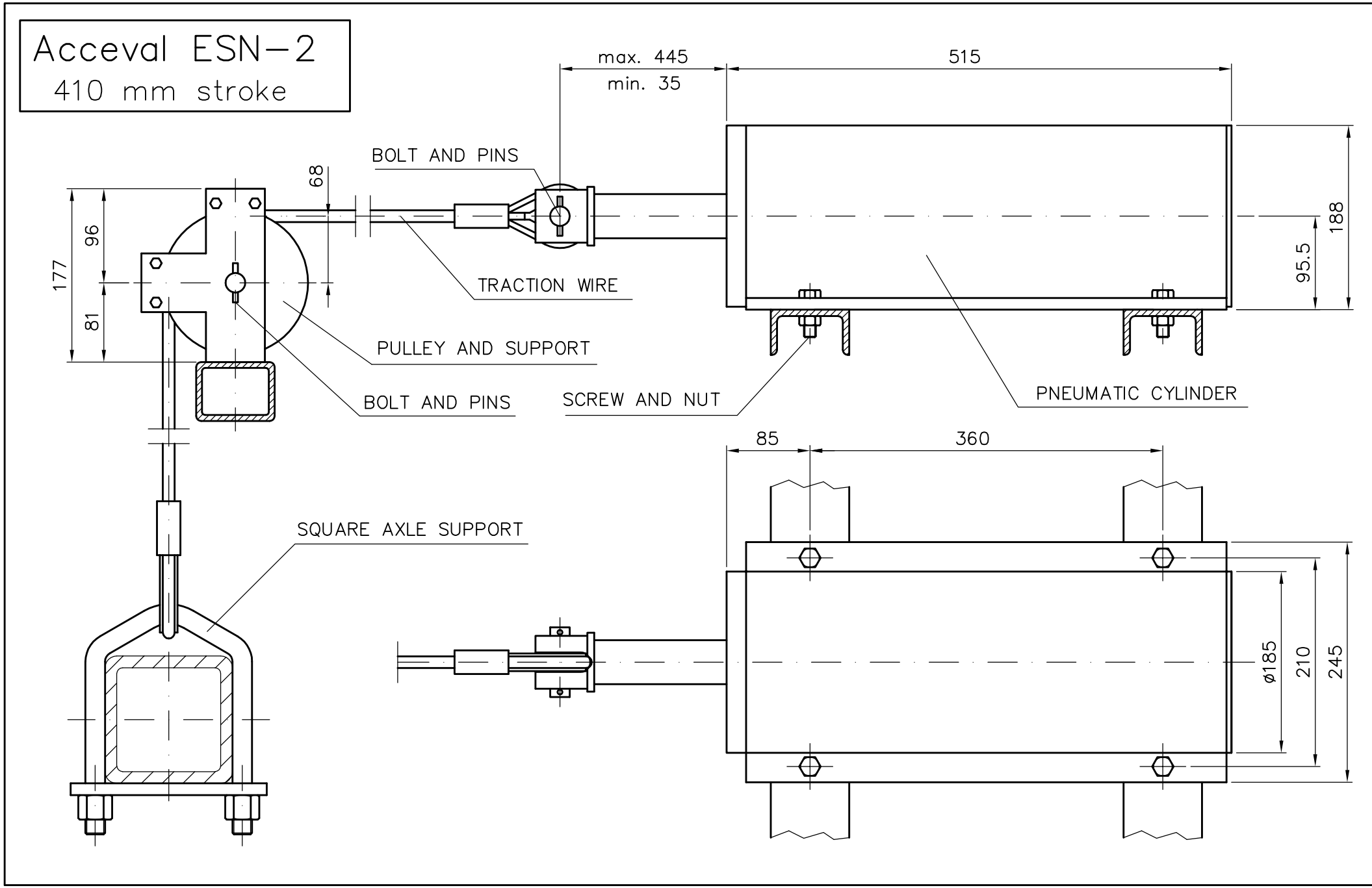
ESN-2 AXLE LIFT SPECIFICATIONS

- APPLICATION:	AIR SUSPENDED MULTIAXLE TRAILERS
- LIFTING DEVICE:	PNEUMATIC CYLINDER
- CYLINDER MATERIAL:	ALUMINIUM ALLOY
- ROD MATERIAL:	HARD CHROMED STEEL
- PISTON MATERIAL:	STEEL AND RUBBER
- WORKING AREA:	211 CM2
- CYLINDER FORCE (6 - 8 BAR)	1260 - 1690 KG.
- MAXIMUM STROKE:	410 MM
- CYLINDER WEIGHT:	21 KG
- SCREW FOR PIPE FITTING:	1/4 W.GAS (R1/4)
- TRACTION ELEMENT:	STEEL WIRE 6×19+1 ∅12 MM
- WIRE WORKING LOAD:	1800 KG.
- WIRE LENGTH:	BY ORDER, FROM 950 MM TO 1600 MM
- WIRE DEFLECTOR DEVICE:	GUIDE PULLEY WITH ROLLER BEARING
- AXLE SUPPORT:	OPT.: FOR 130 MM /150 MM SQUARE OR ROUND AXLE

- COMPONENTS OF THE LIFT AXLE SYSTEM KIT:
  - PNEUMATIC CYLINDER
  - TRACTION WIRE
  - GUIDE PULLEY WITH SUPPORT
  - AXLE SUPPORT
  - ANCHORING BOLTS
  - BOLT PINS KIT
  - SCREWS KIT
- COMPLET KIT WEIGHT: 28 KG.

- ASSEMBLY OF THE LIFT AXLE SYSTEM KIT:
  - THE PNEUMATIC CYLINDER MUST BE SCREWED OVER (OR UNDER) TWO GIRDERS SOLDERED AT THE VEHICLE FRAME. (OUR PROPOSAL: 80 MM "U" BARS)
  - THE GUIDE PULLEY SUPPORT MUST BE SOLDERED OVER (OR UNDER) ONE GIRDER SOLDERED AT THE VEHICLE FRAME. (OUR PROPOSAL: 80X60X6 MM SQUARE TUBE)
  - <u>VERY IMPORTANT:</u> WHEN THE VEHICLE IS AT THE RIDE HEIGHT, THE CYLINDER HAS TO BE A MARGIN TO REACH THE END OF HIS MINIMMUN STROKE. THIS MUST BE SO TO AVOID DAMAGES WHEN THE VEHICLE IS OVER OF HIS RIDE HEIGHT.


Acceval ESN–2
410 mm stroke
SCREW AND NUT
PNEUMATIC CYLINDER
TRACTION WIRE
68
95.5
188
177
96
81
BOLT AND PINS
max. 445
min. 35
515
PULLEY AND SUPPORT
BOLT AND PINS
85
360
ROUND AXLE SUPPORT
ø185
210
245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SPECIAL SMALL PULLEY FOR ULTRA-LOW VEHICLES