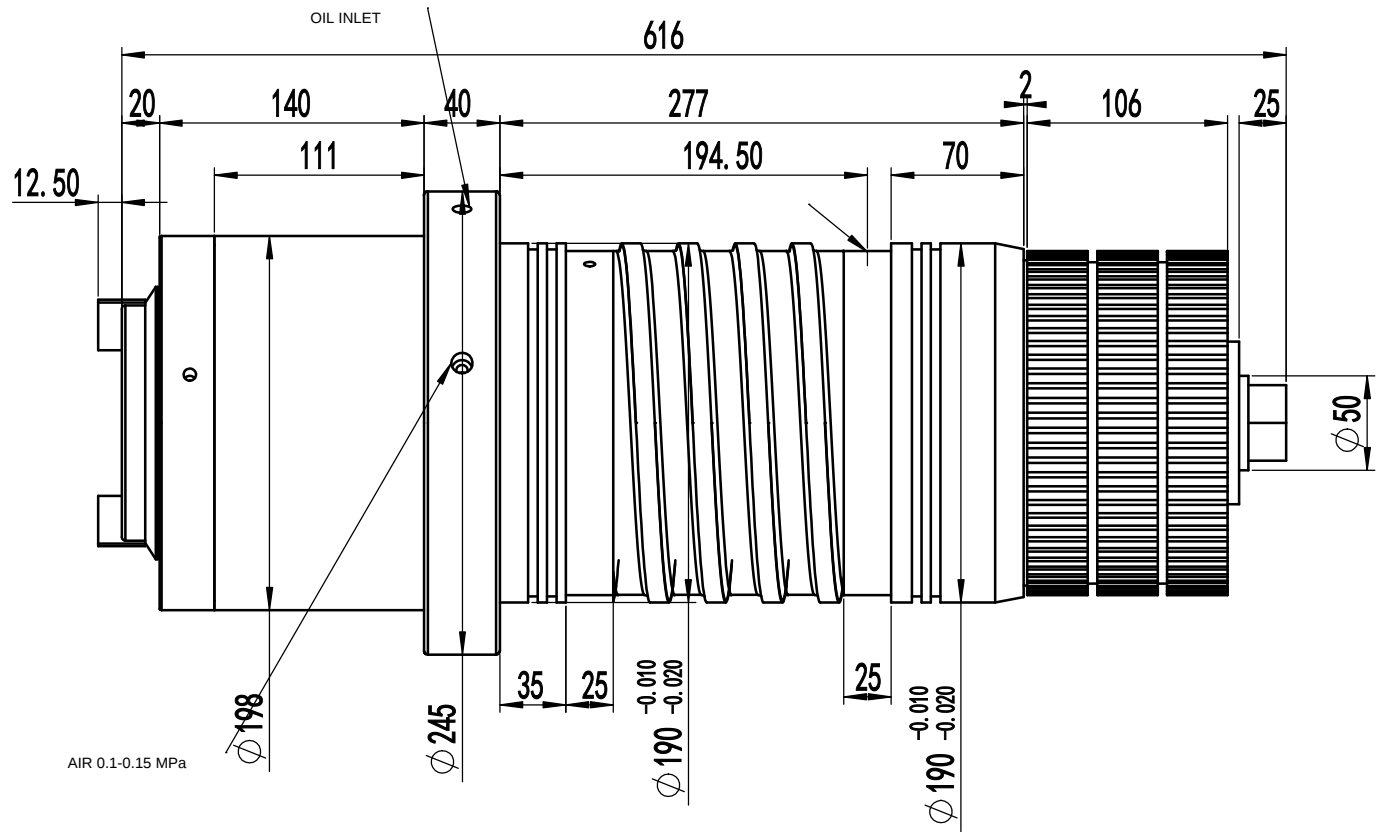
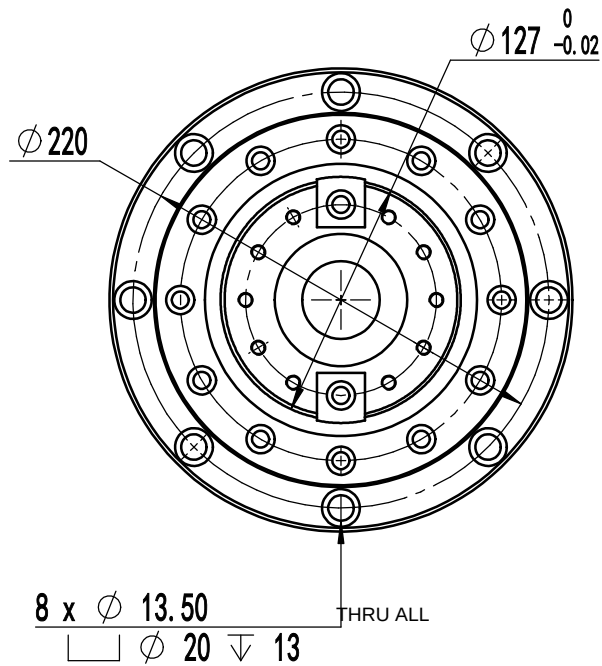




| TECHNICAL INFORMATION   |                   | BT50-190 LONG-NOSE OIL-COOLED SPINDLE |                          |               |                   |
|-------------------------|-------------------|---------------------------------------|--------------------------|---------------|-------------------|
| SPECIFICATION           | BT50-190          | BEARING SPECIFICATION                 | FRONT 7020*4 REAR 7018*2 | DRIVE TYPE    | BELT DRIVE(8M72T) |
| TOOL CLAMPING           | 4-SEGMENT GRIPPER | TAPER RUNOUT                          | 0.002 mm                 | BALANCE GRADE | G1                |
| MAXIMUM SPEED           | 6000 RPM          | BEARING LUBRICATION                   | GREASE                   | DRAWBAR FORCE | 1500 kg+/-100     |
| THROUGH-SPINDLE COOLANT | OPTIONAL          | TEST BAR RUNOUT AT NOSE               | 0.003 mm                 | MOUNTING      | VERTICAL          |
| TOOL HOLDER TAPER       | BT50              | BEARING TEMPERATURE RISE              | AMBIENT +20 deg          |               |                   |
| COOLING                 | OPTIONAL          | TEST BAR RUNOUT AT 300 MM             | 0.008 mm                 |               |                   |