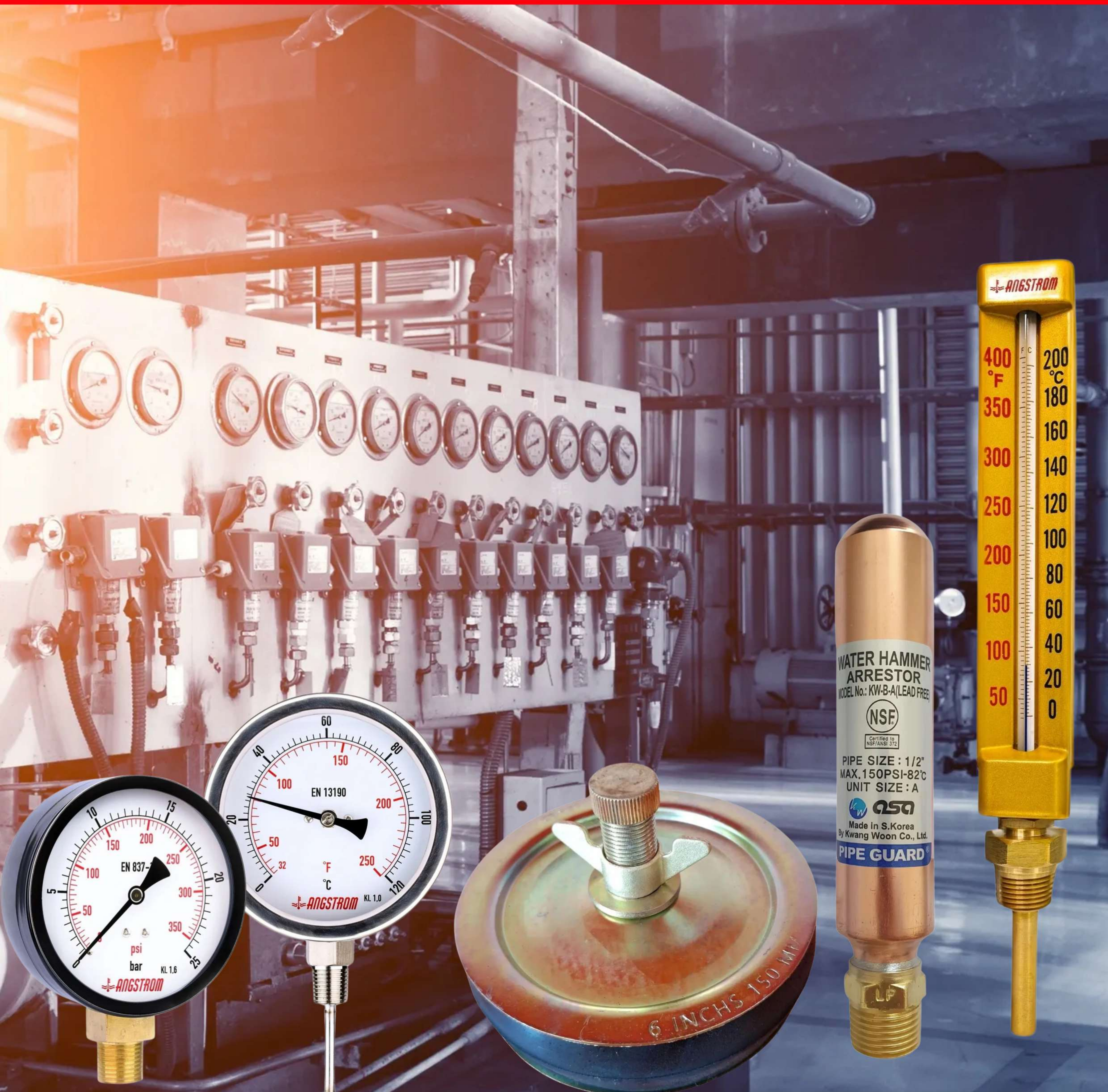


**ANGSTROM BUILDING MATERIALS TRADING L.L.C**



**WWW.ANGSTROMTRADING.COM**





## Introduction:

Angstrom is a distinguished entity specializing in the supply of high-quality instruments and components tailored for the diverse needs of the construction, electromechanical, oil and gas, renewable energy, shipbuilding, and hydraulic sectors. With a firm commitment to excellence, we have emerged as a trusted partner for clients seeking top-notch solutions.

## Vision:

To be the premier provider of innovative and reliable building materials and instruments, setting industry benchmarks for quality and customer satisfaction.

## Mission:

Our mission is to deliver cutting-edge solutions to our clients by providing high-quality instruments and components. We strive to exceed customer expectations through innovation, reliability, and a customer-centric approach, contributing to the success of their projects and fostering lasting partnerships.

## Goals:

- **Quality Leadership:** Continuously enhance and maintain the highest standards of product quality through stringent quality control measures.
- **Customer Satisfaction:** Prioritize customer needs and satisfaction by offering personalized solutions and responsive service.
- **Innovation:** Foster a culture of innovation to stay at the forefront of technological advancements in the building materials and instruments industry.
- **Sustainable Practices:** Integrate environmentally sustainable practices into our operations and product offerings.

## About Us:

At Angstrom, our ethos revolves around quality, reliability, and innovation. We leverage our expertise to provide clients with cutting-edge products that meet the most stringent industry standards. As a result, we have become a leading name in the industry, recognized for our unwavering dedication to quality.

## Our Products:

Our product portfolio encompasses a comprehensive range of instruments and components designed to cater to the unique requirements of our clients. From precision-engineered pressure gauges and thermometers to advanced pressure and temperature transmitters, as well as pressure gauge fittings, valves, and water hammer arrestors, our offerings reflect our commitment to delivering excellence.

## Clientele:

Over the years, Angstrom has had the privilege of serving a diverse clientele in the construction, electromechanical, oil and gas, renewable energy, shipbuilding, and hydraulic sectors. Our extensive experience and proven track record make us a reliable and responsive partner for clients seeking unparalleled quality and service.

## Key Strengths:

- **Quality Assurance:** Our products undergo rigorous quality control measures to ensure precision and reliability.
- **Customer-Centric Approach:** We prioritize customer satisfaction, offering tailored solutions to meet specific requirements.
- **Timely Delivery:** We understand the importance of timely project completion, and our efficient supply chain ensures on-time delivery.

## BLACK STEEL CASE PRESSURE GAUGE PG-ANG-CS



|                 |   |
|-----------------|---|
| Case            | Carbon Steel Black Painted                |
| Movement        | Bourdon Tube Brass                        |
| Dial            | White Background Non-reflective Aluminum  |
| Dial Size       | 2.5", 4"                                  |
| Connection      | Brass 1/4"NPT, 1/2"NPT                    |
| Mount           | LM (Lower Mount), CBM (Center Back Mount) |
| Scale Range     | -1.....+25bar                             |
| Accuracy        | 1.5% Across Full Scale                    |
| Liquid Fillable | No  |

## STAINLESS STEEL CASE PRESSURE GAUGE PG-ANG-SS



|                 |   |
|-----------------|---|
| Case            | 304 Stainless Steel                       |
| Movement        | Bourdon Tube Brass, 316 Stainless Steel   |
| Dial            | White Background Non-reflective Aluminum  |
| Dial Size       | 2.5", 4"                                  |
| Connection      | Brass/316SS 1/4"NPT, 1/2"NPT              |
| Mount           | LM (Lower Mount), CBM (Center Back Mount) |
| Scale Range     | -1.....+400bar                            |
| Accuracy        | 1.5% Across Full Scale                    |
| Liquid Fillable | Yes                                       |

## HEAVY DUTY CASE PRESSURE GAUGE HDPG-ANG-SS



|                 |   |
|-----------------|---|
| Case            | 304 Stainless Steel   |
| Movement        | Bourdon Tube Brass, 316 Stainless Steel                           |
| Dial            | White Background Non-reflective Aluminum                          |
| Dial Size       | 2.5", 4", 6"  |
| Connection      | Brass/316SS 1/4"NPT, 1/2"NPT                                      |
| Mount           | LM (Lower Mount), CBM (Center Back Mount), LBM (Lower Back Mount) |
| Scale Range     | -1.....+1000bar   |
| Accuracy        | 1.5% Across Full Scale  |
| Liquid Fillable | Yes   |

## Pressure Gauge Valves & Fittings

### Syphons



### Pressure Snubbers



### Gauge Cocks



### Test Points



### Needle Valves



### Cooling Towers



### Manifold Valves



## Stainless Steel Thermometers BTM-ANG-SS



|             |   |
|-------------|---|
| Case        | 304 Stainless Steel   |
| Movement    | Bimetal Coil  |
| Dial        | White Background Non-reflective Aluminum                              |
| Dial Size   | 2.5", 4", 6"  |
| Connection  | 316SS 1/2"NPT   |
| Mount       | LM (Lower Mount), CBM (Center Back Mount), AA (Adjustable All Angles) |
| Stem        | 2.5", 4", 6", 8", 10", 12"  |
| Scale Range | -50C° .....+650C°   |
| Accuracy    | 1% Across Full Scale  |

## Aluminum Die-Cast V-Shape Thermometer VTM-ANG-AI



|             |  |
|-------------|--|
| Case        | Aluminum Die-Cast Gold Painted           |
| Movement    | Petroleum Glass Tube                     |
| Dial        | Printed Dual C/F                         |
| Dial Size   | 1.4"x 4.5", 6", 8"                       |
| Connection  | Brass 1/2"NPT                            |
| Mount       | LM (Lower Mount), LBM (Lower Back Mount) |
| Stem        | 2.5", 4", 6", 8", 10", 12"               |
| Scale Range | -20C° .....200C°                         |
| Accuracy    | 1% Across Full Scale                     |

## Thermo-well



|            |                            |
|------------|----------------------------|
| Body       | 316 Stainless Steel        |
| Pocket     | 2.5", 4", 6", 8", 10", 12" |
| Connection | 316SS 1/2"NPT              |

## PRESSURE TRANSMITTER ETRANS-P01



|                  |                               |
|------------------|-------------------------------|
| Pressure Range   | -1....+2000bar                |
| Temperature      | -40°C_+80°C option 250°C      |
| Power Supply     | 10....36VDC                   |
| Connection       | 1/4", 1/2" NPT, Clamp, Flange |
| Accuracy         | 0.2%                          |
| Body             | Stainless Steel 316L          |
| Output           | 4-20mA/0-10V/4-20mA+HART      |
| Protection Class | IP65                          |

## PRESSURE TRANSMITTER EX-PROOF WITHOUT INDICATOR ETRANS-P09 PRESSURE TRANSMITTER EX-PROOF WITH INDICATOR ETRANS-P10



|                  |                                      |
|------------------|--------------------------------------|
| Pressure Range   | -1....+2000bar                       |
| Temperature      | -40°C_+80°C option 250°C             |
| Power Supply     | 10....36VDC                          |
| Connection       | 1/4", 1/2" NPT, Flush, Clamp, Flange |
| Accuracy         | 0.2%                                 |
| Body             | Stainless Steel 316L                 |
| Output           | 4-20mA/0-10V/4-20mA+HART             |
| Protection Class | IP68                                 |

## TEMPERATURE TRANSMITTER EX-PROOF WITH DISPLAY ETRANS-T04



|  |
|--|
| Measuring range of -50°C....600°C                          |
| Possibility of inset changing without stopping the process |
| Connection terminals with 2,3,4 and 6 wires                |
| IP68 DIN B from cast aluminum head                         |
| Terminal with programmable 4-20 mA analogue output         |

## ASA KWANG WOON WATER HAMMER ARRESTORS



|      |    |      |
|------|----|------|
| 1/2" | 1" | 3/4" |
|------|----|------|

|                    |                |
|--------------------|----------------|
| Operating Pressure | 10.3bar        |
| Temperature Range  | 0.5°C to 82°C  |
| Connection         | 1/2", 3/4", 1" |
| Body               | Copper         |
| Thread             | Male Brass BSP |
| Certification      | NSF            |

## Center Lock Test Plug



| Pipe Size |      | Plug Expansion Size |         | Water Way Size | Maximum Back Pressure | Approx Weight |
|-----------|------|---------------------|---------|----------------|-----------------------|---------------|
| mm        | Inch | Minimum             | Maximum | Inch           | psi                   | Kg            |
| 40        | 1.5  | 38                  | 53      | 0.5            | 30                    | 0.15          |
| 50        | 2    | 49                  | 63      | 0.5            | 30                    | 0.17          |
| 65        | 2.5  | 63                  | 73      | 0.5            | 30                    | 0.25          |
| 75        | 3    | 74                  | 83      | 0.5            | 20                    | 0.30          |
| 90        | 3.5  | 84                  | 99      | 0.5            | 15                    | 0.33          |
| 100       | 4    | 98                  | 115     | 0.5            | 10                    | 0.36          |
| 114       | 4.5  | 112                 | 124     | 0.5            | 10                    | 0.43          |
| 125       | 5    | 122                 | 137     | 0.5            | 10                    | 0.56          |
| 150       | 6    | 144                 | 160     | 0.5            | 10                    | 0.70          |
| 175       | 7    | 183                 | 203     | 1              | 7                     | 1.35          |
| 200       | 8    | 201                 | 225     | 1              | 7                     | 1.59          |
| 225       | 9    | 211                 | 238     | 1              | 7                     | 2.06          |
| 250       | 10   | 240                 | 273     | 1              | 7                     | 2.50          |
| 275       | 11   | 278                 | 320     | 1              | 7                     | 3.42          |
| 300       | 12   | 299                 | 327     | 1              | 7                     | 3.50          |
| 350       | 14   | 337                 | 390     | 1              | 5                     | 5.9           |
| 400       | 16   | 392                 | 445     | 1              | 5                     | 6.95          |



## Rim Fastening Plugs



| Pipe Size |      | Plug Expansion Size |         | Water Way Size | Maximum Back Pressure | Approx Weight |
|-----------|------|---------------------|---------|----------------|-----------------------|---------------|
| mm        | Inch | Minimum             | Maximum | Inch           | psi                   | Kg            |
| 450       | 18   | 435                 | 482     | 2              | 5                     | 9             |
| 475       | 19   | 462                 | 506     | 2              | 5                     | 9.70          |
| 500       | 20   | 480                 | 530     | 2              | 5                     | 10.50         |
| 525       | 21   | 505                 | 555     | 2              | 3                     | 11.20         |
| 550       | 22   | 535                 | 578     | 2              | 3                     | 12            |
| 575       | 23   | 564                 | 617     | 2              | 3                     | 13            |
| 600       | 24   | 590                 | 640     | 2              | 3                     | 16            |
| 625       | 25   | 615                 | 665     | 2              | 3                     | 18            |
| 650       | 26   | 635                 | 690     | 2              | 3                     | 18            |
| 675       | 27   | 664                 | 704     | 2              | 3                     | 20.20         |
| 700       | 28   | 690                 | 740     | 2              | 3                     | 21.20         |
| 725       | 29   | 715                 | 765     | 2              | 3                     | 26            |
| 750       | 30   | 740                 | 786     | 2              | 3                     | 26            |
| 775       | 31   | 760                 | 804     | 2              | 3                     | 28            |
| 800       | 32   | 785                 | 835     | 2              | 3                     | 29.50         |
| 825       | 33   | 810                 | 865     | 2              | 3                     | 30.80         |
| 900       | 36   | 890                 | 940     | 2              | 3                     | 36.20         |



| Pipe Size |      | Plug Expansion Size |         | Water Way Size | Maximum Back Pressure | Approx Weight |
|-----------|------|---------------------|---------|----------------|-----------------------|---------------|
| mm        | Inch | Minimum             | Maximum | Inch           | psi                   | Kg            |
| 1000      | 40   | 990                 | 1040    | 2              | 3                     | 42            |
| 1050      | 42   | 1040                | 1090    | 2              | 3                     | 50            |
| 1100      | 44   | 1090                | 1140    | 2              | 3                     | 54            |
| 1150      | 46   | 1140                | 1190    | 2              | 3                     | 62            |
| 1200      | 48   | 1190                | 1240    | 2              | 3                     | 88            |
| 1250      | 50   | 1240                | 1290    | 2              | 3                     | 96            |
| 1300      | 52   | 1290                | 1340    | 2              | 3                     | 112           |
| 1350      | 56   | 1340                | 1390    | 2              | 3                     | 128           |
| 1400      | 58   | 1390                | 1440    | 2              | 3                     | 142           |
| 1450      | 59   | 1440                | 1490    | 2              | 3                     | 148           |
| 1500      | 60   | 1490                | 1540    | 2              | 3                     | 154           |
| 1550      | 62   | 1540                | 1590    | 2              | 3                     | 170           |
| 1600      | 64   | 1590                | 1640    | 2              | 3                     | 190           |
| 1650      | 66   | 1640                | 1690    | 2              | 3                     | 210           |
| 1700      | 68   | 1690                | 1740    | 2              | 3                     | 230           |
| 1750      | 70   | 1740                | 1790    | 2              | 3                     | 250           |
| 1800      | 72   | 1790                | 1840    | 2              | 3                     | 270           |
| 1850      | 74   | 1840                | 1890    | 2              | 3                     | 290           |
| 1900      | 76   | 1890                | 1940    | 2              | 3                     | 310           |
| 1950      | 78   | 1940                | 1990    | 2              | 3                     | 330           |
| 2000      | 80   | 1990                | 2040    | 2              | 3                     | 350           |



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