

5-1/2" OD DRILL PIPE, 21.90 PPF, 7.000" OD X 4.000" ID, DPM-SS105, DPM-DS55

DRILL PIPE BODY

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|-------------------------|-----------|
| Nominal Weight (lbs/ft) | 21.90 |
| Grade | DPM-SS105 |
| Type of Upset | IEU |

| | New | Premium |
|--|---------|---------|
| Nominal OD (in) | 5-1/2 | 5.356 |
| Nominal ID (in) | 4.778 | 4.778 |
| Pipe Wall Thickness (in) | 0.361 | 0.289 |
| Cross Sectional Area of Pipe Body (in ²) | 5.828 | 4.597 |
| Cross Sectional Area OD (in ²) | 23.758 | 22.531 |
| Cross Sectional Area ID (in ²) | 17.930 | 17.930 |
| Section Modulus (in ³) | 7.031 | 5.527 |
| Polar Section Modulus (in ³) | 14.062 | 11.054 |
| Torsional Strength (lbs/ft) | 70,994 | 55,809 |
| Tensile Strength (lbs) | 611,963 | 482,692 |
| Burst Pressure (psi) | 12,061 | 11,027 |
| Collapse Pressure (psi) | 10,753 | 6,865 |

DRILL PIPE CONNECTION

| | |
|--|-----------|
| OD (in) | 7.000 |
| ID (in) | 4.000 |
| Pin Tong Length (in) | 10.00 |
| Box Tong Length (in) | 12.00 |
| Connection | DPM-DS55 |
| Torsional Strength (lbs/ft) | 66,863 |
| Tensile Yield Strength (lbs) | 1,140,827 |
| Recommended Make-up Torque (lbs/ft) | 40,100 |
| Maximum Make-up Torque (lbs/ft) | 46,800 |
| Tool Joint/Pipe Body Torsional Ratio (New) | 0.94 |

DRILL PIPE ASSEMBLY

| | |
|----------------------------------|--------------|
| Approx Average Length (ft) | 31.50 |
| Open End Displacement (gal/ft) | 0.38 |
| Closed End Displacement (gal/ft) | 1.28 |
| Fluid Capacity (gal/ft) | 0.90 |
| Drift Size (in) | 3.875 |
| Adjusted Weight (lbs/ft) | 24.88 |
| Internal Plastic Coating | TC2000SS |
| Hardbanding | ARNCO 150 XT |

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