

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **250.82 mm**

NOMINAL WEIGHT: **98.81 kg/m**

WALL THICKNESS: **16.79 mm**

THREADS PER INCH: **5**



| P I P E B O D Y | OUTSIDE DIA. (mm) | D | 250.82 | INSIDE DIA. (mm) | d | 217.25 | DRIFT DIA. (mm) | 213.28 | PLAIN END WT (kg/m) | | 96.81 |
|--|---|---------------------------|------------------------|---|--------|----------------------|-----------------|--|---------------------|--------|--------|
| | GRADE | | | | N80 | L80 | C90 | C95 | P110 | Q125 | 150 |
| | COLLAPSE RESISTANCE (MPa) | | | | 63.1 | 63.1 | 68.9 | 71.7 | 79.7 | 86.9 | 97.4 |
| | INTERNAL YIELD PRESSURE (MPa) | | | | 64.6 | 64.6 | 72.7 | 76.7 | 88.8 | 101.0 | 121.1 |
| | BODY YIELD STRENGTH (kN) | | | | 6810 | 6810 | 7660 | 8087 | 9364 | 10640 | 12766 |
| | ULTIMATE STRENGTH (kN) | | | | 8509 | 8087 | 8509 | 8936 | 10640 | 11490 | 13616 |
| NOMINAL CROSS-SECTIONAL AREA (mm ²) | | | | 12344 | 12344 | 12344 | 12344 | 12344 | 12344 | 12344 | |
| M A K E U P | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | |
| | REGULAR | | MINIMUM (Nm) | | 22820 | 22820 | 23550 | 23900 | 24990 | 26070 | 27880 |
| | | | OPTIMUM (Nm) | | 25350 | 25350 | 26170 | 26560 | 27770 | 28970 | 30980 |
| | | | MAXIMUM (Nm) | | 27890 | 27890 | 28780 | 29220 | 30550 | 31880 | 34090 |
| | | | BODY YIELD TORQUE (Nm) | | 431420 | 431420 | 485360 | 512320 | 593210 | 674100 | 808920 |
| | SPECIAL CLEARANCE | | MINIMUM (Nm) | | 20540 | 20540 | 21190 | 21520 | 22490 | 23470 | 25100 |
| | | | OPTIMUM (Nm) | | 22820 | 22820 | 23550 | 23900 | 24990 | 26070 | 27890 |
| | | | MAXIMUM (Nm) | | 25100 | 25100 | 25910 | 26290 | 27480 | 28680 | 30680 |
| | C O N N E C T I O N | COLLAPSE RESISTANCE (MPa) | | | | 63.1 | 63.1 | 68.9 | 71.7 | 79.7 | 86.9 |
| COMPRESSION RESISTANCE (%) | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| TENSILE EFFICIENCY (%) | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| INTERNAL YIELD PRESSURE (MPa) | | | | 64.6 | 64.6 | 72.7 | 76.7 | 88.8 | 101.0 | 121.1 | |
| MAXIMUM BENDING ANGLE (° PER 30m) | | | | 42 | 42 | 47 | 50 | 58 | 66 | 79 | |
| BOX CRITICAL CROSS-SECTIONAL AREA (mm ²) | | | | 12592 | 12592 | 12592 | 12592 | 12592 | 12592 | 12592 | |
| MAXIMUM LOAD OF REG. COUPLING FACE (kN) | | | | 5151 | 5151 | 5796 | 6116 | 7082 | 8051 | 9662 | |
| MAXIMUM LOAD OF S.C. COUPLING FACE (kN) | | | | 2980 | 2980 | 3354 | 3541 | 4101 | 4662 | 5591 | |
| | | | | PARTING LOAD (kN) | | | | | | | |
| REGULAR COUPLING O.D. | | | | 7255 | 7019 | 7571 | 7967 | 9386 | 10333 | 12304 | |
| SPECIAL CLEARANCE COUPLING O.D. | | | | 5663 | 5378 | 5663 | 5943 | 7077 | 7642 | 9061 | |
| | | OUTSIDE DIA. (mm) | INSIDE DIA. (d1) (mm) | WEIGHT (kg) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (m ³) | | | |
| REGULAR COUPLING | | W | 277.93 | 219.79 | 32.87 | | 102 | | 0.1162 | | |
| SPECIAL CLEARANCE COUPLING | | Wc | 268.73 | 219.79 | 23.55 | | 70 | | 0.1150 | | |
| LENGTH OF COUPLING (mm) | | NL | 301.24 | The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information | | | | | | | |
| MAKE UP LOSS (mm) | | ML | 125.22 | | | | | | | | |