

TECHNICAL INFORMATION - HSC HICOM

CASING

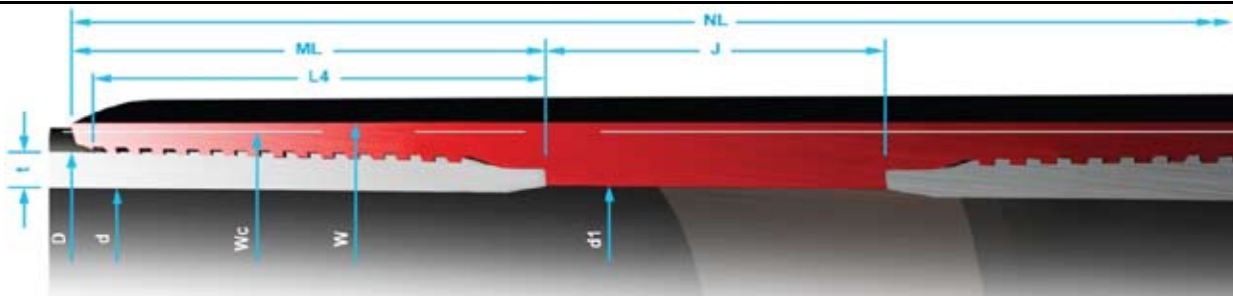


SIZE: **219.08 mm**

NOMINAL WEIGHT: **77.38 kg/m**

WALL THICKNESS: **15.11 mm**

THREADS PER INCH: **5**



| PIPE BODY | OUTSIDE DIA. (mm) | D | 219.08 | INSIDE DIA. (mm) | d | 188.85 | DRIFT DIA. (mm) | | 185.67 | PLAIN END WT (kg/m) | | 75.94 |
|-----------|---|---|--------|------------------|------|--------|-----------------|------|--------|---------------------|--|-------|
| | GRADE | | | N80 | L80 | C90 | C95 | P110 | Q125 | 150 | | |
| | COLLAPSE RESISTANCE (MPa) | | | 66.5 | 66.5 | 72.8 | 75.9 | 84.6 | 92.6 | 104.4 | | |
| | INTERNAL YIELD PRESSURE (MPa) | | | 66.6 | 66.6 | 74.9 | 79.1 | 91.6 | 104.0 | 124.9 | | |
| | BODY YIELD STRENGTH (kN) | | | 5342 | 5342 | 6010 | 6343 | 7344 | 8345 | 10017 | | |
| | ULTIMATE STRENGTH (kN) | | | 6677 | 6343 | 6677 | 7010 | 8345 | 9012 | 10685 | | |
| | NOMINAL CROSS-SECTIONAL AREA (mm ²) | | | 9684 | 9684 | 9684 | 9684 | 9684 | 9684 | 9684 | | |

| MAKE UP | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | |
|-------------------|---|--------------|--------|--------|--------|--------|--------|--------|-------|--|
| | REGULAR | MINIMUM (Nm) | 16650 | 16650 | 17220 | 17520 | 18360 | 19210 | 20610 | |
| | | OPTIMUM (Nm) | 18510 | 18510 | 19130 | 19460 | 20390 | 21340 | 22900 | |
| | MAXIMUM (Nm) | 20360 | 20360 | 21040 | 21410 | 22430 | 23470 | 25190 | | |
| | BODY YIELD TORQUE (Nm) | 294420 | 294420 | 331210 | 349610 | 404810 | 460020 | 552020 | | |
| SPECIAL CLEARANCE | MINIMUM (Nm) | 15000 | 15000 | 15500 | 15750 | 16530 | 17270 | 18560 | | |
| | OPTIMUM (Nm) | 16660 | 16660 | 17220 | 17500 | 18360 | 19200 | 20620 | | |
| | MAXIMUM (Nm) | 18330 | 18330 | 18940 | 19250 | 20190 | 21120 | 22680 | | |

| CONNECTION | COLLAPSE RESISTANCE (MPa) | | | 66.5 | 66.5 | 72.8 | 75.9 | 84.6 | 92.6 | 104.4 | |
|---------------------------------|--|-------------------|-----------------------|---|----------------------|--|--------|------|-------|-------|--|
| | COMPRESSION RESISTANCE (%) | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | TENSILE EFFICIENCY (%) | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | INTERNAL YIELD PRESSURE (MPa) | | | 66.6 | 66.6 | 74.9 | 79.1 | 91.6 | 104.0 | 124.9 | |
| | MAXIMUM BENDING ANGLE (° PER 30m) | | | 49 | 49 | 55 | 58 | 67 | 76 | 91 | |
| | BOX CRITICAL CROSS-SECTIONAL AREA (mm ²) | | | 9877 | 9877 | 9877 | 9877 | 9877 | 9877 | 9877 | |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kN) | | | 3999 | 3999 | 4502 | 4751 | 5498 | 6250 | 7500 | |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kN) | | | 2300 | 2300 | 2584 | 2731 | 3163 | 3594 | 4310 | |
| | PARTING LOAD (kN) | | | | | | | | | | |
| | REGULAR COUPLING O.D. | | | 5783 | 5578 | 5996 | 6308 | 7442 | 8171 | 9724 | |
| SPECIAL CLEARANCE COUPLING O.D. | | | 4439 | 4221 | 4439 | 4662 | 5551 | 5996 | 7108 | | |
| | | OUTSIDE DIA. (mm) | INSIDE DIA. (d1) (mm) | WEIGHT (kg) | JOINT EFFICIENCY (%) | 30' JOINT MUD DISPLACEMENT (m ³) | | | | | |
| REGULAR COUPLING | | W | 243.64 | 191.39 | 24.39 | 102 | 0.0910 | | | | |
| SPECIAL CLEARANCE COUPLING | | Wc | 235.41 | 191.39 | 17.57 | 70 | 0.0901 | | | | |
| LENGTH OF COUPLING (mm) | | NL | 280.92 | 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 | 115.06 | | | | | | | | |